

| Verificação de Normalidade pelo Teste Qui-Quadrado |                            |          | Dados adicionais: 16 classes; estimados 2 parâmetros - média e variância; 16 - 1 - 2 = 13 gra |          |          |              |              |            |            |            |
|--|----------------------------|----------|---|----------|----------|--------------|--------------|------------|------------|------------|
| Amostra  | Parâmetro                  | Total    | Mínimo  | Máximo   | Média    | Desv. Padrão | Qui-Quadrado | Limite QQ2 | Normal     | Status     |
| 1a. Amostra  |                            |          |   |          |          |              |              |            |            |            |
|  | 004 - numero_fluxos        | 2,38E+06 | 1,30E+02  | 1,71E+03 | 7,87E+02 | 3,79E+02     | 9,44E+05     | 2,24E+01   | Não Normal | -          |
|  | 005 - numero_bytes         | 4,24E+10 | 5,31E+05  | 1,47E+08 | 3,61E+07 | 4,00E+07     | 4,33E+10     | 2,24E+01   | Não Normal | -          |
|  | 006 - numero_pacotes       | 9,59E+07 | 4,65E+03  | 2,34E+05 | 4,78E+04 | 3,91E+04     | 4,73E+08     | 2,24E+01   | Não Normal | -          |
|  | 007 - numero_fluxos_IP     | 2,33E+06 | 1,20E+02  | 1,69E+03 | 7,77E+02 | 3,77E+02     | 9,13E+05     | 2,24E+01   | Não Normal | -          |
|  | 008 - numero_bytes_IP_fd   | 1,33E+10 | 3,27E+05  | 1,16E+08 | 2,59E+07 | 3,63E+07     | 2,18E+10     | 2,24E+01   | Não Normal | -          |
|  | 009 - numero_bytes_IP_df   | 2,79E+10 | 1,51E+05  | 1,43E+08 | 2,73E+07 | 3,54E+07     | 5,04E+10     | 2,24E+01   | Não Normal | -          |
|  | 010 - numero_pacotes_IP_fd | 4,90E+07 | 2,97E+03  | 1,09E+05 | 2,34E+04 | 2,07E+04     | 1,04E+08     | 2,24E+01   | Não Normal | -          |
|  | 011 - numero_pacotes_IP_df | 4,37E+07 | 1,29E+03  | 1,32E+05 | 2,60E+04 | 2,27E+04     | 2,83E+08     | 2,24E+01   | Não Normal | -          |
|  | 012 - numero_fluxos_NIP    | 5,48E+04 | 8,00E+00  | 1,90E+01 | 1,30E+01 | 1,50E+00     | 3,23E+03     | 2,24E+01   | Não Normal | -          |
|  | 013 - numero_fluxos_II     | 1,43E+06 | 8,10E+01  | 1,32E+03 | 4,65E+02 | 2,28E+02     | 6,15E+05     | 2,24E+01   | Não Normal | -          |
|  | 014 - numero_fluxos_IE     | 7,77E+05 | 3,30E+01  | 6,35E+02 | 2,86E+02 | 1,47E+02     | 8,88E+04     | 2,24E+01   | Não Normal | -          |
|  | 015 - numero_fluxos_EI     | 8,89E+04 | 1,00E+00  | 1,52E+02 | 3,89E+01 | 2,42E+01     | 7,58E+04     | 2,24E+01   | Não Normal | -          |
|  | 016 - numero_fluxos_EE     | 3,22E+04 | 3,00E+00  | 4,20E+01 | 1,24E+01 | 7,43E+00     | 2,18E+04     | 2,24E+01   | Não Normal | -          |
|  | 017 - numero_bytes_II      | 3,00E+10 | 4,35E+05  | 1,47E+08 | 4,08E+07 | 4,38E+07     | 2,88E+10     | 2,24E+01   | Não Normal | -          |
|  | 018 - numero_bytes_IE      | 9,02E+09 | 2,01E+04  | 2,63E+07 | 5,51E+06 | 4,98E+06     | 1,06E+10     | 2,24E+01   | Não Normal | -          |
|  | 019 - numero_bytes_EI      | 2,16E+09 | 0,00E+00  | 1,35E+07 | 2,22E+06 | 1,86E+06     | 8,77E+12     | 2,24E+01   | Não Normal | -          |
|  | 020 - numero_bytes_EE      | 4,62E+07 | 6,00E+01  | 1,31E+06 | 3,80E+05 | 3,59E+05     | 5,47E+07     | 2,24E+01   | Não Normal | -          |
|  | 021 - numero_pacotes_II    | 7,21E+07 | 3,76E+03  | 2,32E+05 | 4,69E+04 | 4,04E+04     | 2,83E+08     | 2,24E+01   | Não Normal | -          |
|  | 022 - numero_pacotes_IE    | 1,72E+07 | 3,17E+02  | 4,87E+04 | 8,63E+03 | 8,30E+03     | 2,11E+08     | 2,24E+01   | Não Normal | -          |
|  | 023 - numero_pacotes_EI    | 3,23E+06 | 0,00E+00  | 1,58E+04 | 2,51E+03 | 2,05E+03     | 7,10E+10     | 2,24E+01   | Não Normal | -          |
|  | 024 - numero_pacotes_EE    | 2,03E+05 | 1,00E+00  | 1,54E+03 | 1,69E+02 | 2,69E+02     | 1,29E+07     | 2,24E+01   | Não Normal | -          |
|  | 025 - numero_fluxos_TCP    | 5,46E+05 | 1,00E+01  | 7,92E+02 | 2,20E+02 | 1,24E+02     | 4,68E+05     | 2,24E+01   | Não Normal | -          |
|  | 026 - numero_fluxos_UDP    | 1,54E+06 | 6,90E+01  | 1,36E+03 | 5,11E+02 | 2,54E+02     | 6,53E+05     | 2,24E+01   | Não Normal | -          |
| 2a. Amostra  |                            |          |   |          |          |              |              |            |            |            |
|  | 004 - numero_fluxos        | 8,89E+06 | 3,30E+01  | 6,07E+03 | 1,83E+03 | 1,44E+03     | 6,07E+06     | 2,24E+01   | Não Normal | -          |
|  | 005 - numero_bytes         | 2,30E+11 | 1,31E+04  | 1,12E+08 | 3,75E+07 | 2,26E+07     | 1,09E+11     | 2,24E+01   | Não Normal | -          |
|  | 006 - numero_pacotes       | 3,59E+08 | 1,13E+02  | 1,63E+05 | 5,25E+04 | 2,56E+04     | 7,55E+07     | 2,24E+01   | Não Normal | -          |
|  | 007 - numero_fluxos_IP     | 8,86E+06 | 3,10E+01  | 6,07E+03 | 1,83E+03 | 1,44E+03     | 6,07E+06     | 2,24E+01   | Não Normal | -          |
|  | 008 - numero_bytes_IP_fd   | 8,95E+10 | 8,77E+03  | 9,76E+07 | 2,35E+07 | 2,09E+07     | 5,20E+10     | 2,24E+01   | Não Normal | -          |
|  | 009 - numero_bytes_IP_df   | 1,41E+11 | 0,00E+00  | 8,38E+07 | 2,25E+07 | 1,32E+07     | 2,97E+11     | 2,24E+01   | Não Normal | -          |
|  | 010 - numero_pacotes_IP_fd | 1,91E+08 | 8,70E+01  | 8,05E+04 | 2,84E+04 | 1,46E+04     | 5,15E+07     | 2,24E+01   | Não Normal | -          |
|  | 011 - numero_pacotes_IP_df | 1,67E+08 | 0,00E+00  | 8,70E+04 | 2,50E+04 | 1,20E+04     | 5,66E+07     | 2,24E+01   | Não Normal | -          |
|  | 012 - numero_fluxos_NIP    | 3,30E+04 | 0,00E+00  | 8,00E+00 | 3,07E+00 | 1,24E+00     | 3,87E+03     | 2,24E+01   | Não Normal | Prejudicad |
|  | 013 - numero_fluxos_II     | 1,45E+06 | 3,00E+00  | 4,07E+03 | 7,15E+02 | 6,41E+02     | 1,92E+07     | 2,24E+01   | Não Normal | -          |
|  | 014 - numero_fluxos_IE     | 5,29E+06 | 1,20E+01  | 3,68E+03 | 1,17E+03 | 8,93E+02     | 2,68E+06     | 2,24E+01   | Não Normal | -          |
|  | 015 - numero_fluxos_EI     | 2,11E+06 | 0,00E+00  | 1,24E+03 | 3,79E+02 | 2,46E+02     | 3,85E+05     | 2,24E+01   | Não Normal | -          |
|  | 016 - numero_fluxos_EE     | 1,78E+03 | 0,00E+00  | 4,00E+00 | 3,45E+00 | 3,64E-01     | 3,89E+10     | 2,24E+01   | Não Normal | Prejudicad |
|  | 017 - numero_bytes_II      | 2,43E+10 | 1,44E+03  | 6,94E+07 | 3,54E+07 | 1,95E+07     | 1,12E+10     | 2,24E+01   | Não Normal | -          |
|  | 018 - numero_bytes_IE      | 1,05E+11 | 2,72E+03  | 7,29E+07 | 1,89E+07 | 1,16E+07     | 1,08E+11     | 2,24E+01   | Não Normal | -          |
|  | 019 - numero_bytes_EI      | 1,01E+11 | 0,00E+00  | 8,19E+07 | 1,77E+07 | 1,05E+07     | 6,44E+12     | 2,24E+01   | Não Normal | -          |
|  | 020 - numero_bytes_EE      | 9,79E+05 | 0,00E+00  | 5,31E+03 | 2,19E+03 | 4,64E+02     | 1,02E+11     | 2,24E+01   | Não Normal | -          |
|  | 021 - numero_pacotes_II    | 3,05E+07 | 1,00E+01  | 7,07E+04 | 2,98E+04 | 2,12E+04     | 1,64E+07     | 2,24E+01   | Não Normal | -          |
|  | 022 - numero_pacotes_IE    | 1,78E+08 | 3,30E+01  | 9,96E+04 | 2,85E+04 | 1,50E+04     | 1,97E+08     | 2,24E+01   | Não Normal | -          |
|  | 023 - numero_pacotes_EI    | 1,50E+08 | 0,00E+00  | 1,50E+05 | 2,47E+04 | 1,38E+04     | 9,82E+15     | 2,24E+01   | Não Normal | Prejudicad |
|  | 024 - numero_pacotes_EE    | 7,75E+03 | 0,00E+00  | 2,00E+01 | 1,69E+01 | 2,67E+00     | 1,24E+06     | 2,24E+01   | Não Normal | -          |
|  | 025 - numero_fluxos_TCP    | 7,17E+06 | 1,30E+01  | 5,71E+03 | 1,73E+03 | 1,43E+03     | 5,15E+06     | 2,24E+01   | Não Normal | -          |
|  | 026 - numero_fluxos_UDP    | 1,22E+06 | 8,00E+00  | 3,75E+03 | 1,91E+02 | 2,24E+02     | 6,22E+06     | 2,24E+01   | Não Normal | Prejudicad |
| 3a. Amostra  |                            |          |   |          |          |              |              |            |            |            |
|  | 004 - numero_fluxos        | 8,40E+04 | 5,00E+00  | 1,93E+02 | 2,21E+01 | 2,13E+01     | 4,29E+13     | 2,24E+01   | Não Normal | Prejudicad |
|  | 005 - numero_bytes         | 3,98E+08 | 2,12E+02  | 3,46E+07 | 8,33E+06 | 1,01E+07     | 9,91E+08     | 2,24E+01   | Não Normal | -          |
|  | 006 - numero_pacotes       | 1,06E+06 | 3,00E+00  | 3,22E+04 | 5,91E+03 | 7,25E+03     | 4,56E+06     | 2,24E+01   | Não Normal | -          |
|  | 007 - numero_fluxos_IP     | 5,32E+04 | 0,00E+00  | 1,83E+02 | 1,97E+01 | 2,25E+01     | 2,36E+12     | 2,24E+01   | Não Normal | -          |
|  | 008 - numero_bytes_IP_fd   | 1,29E+08 | 0,00E+00  | 3,40E+07 | 1,48E+07 | 1,25E+07     | 4,22E+08     | 2,24E+01   | Não Normal | -          |
|  | 009 - numero_bytes_IP_df   | 2,33E+08 | 0,00E+00  | 7,68E+06 | 3,88E+06 | 1,67E+06     | 8,75E+07     | 2,24E+01   | Não Normal | -          |
|  | 010 - numero_pacotes_IP_fd | 4,09E+05 | 0,00E+00  | 2,26E+04 | 3,79E+03 | 5,42E+03     | 2,85E+06     | 2,24E+01   | Não Normal | -          |
|  | 011 - numero_pacotes_IP_df | 3,15E+05 | 0,00E+00  | 1,16E+04 | 5,05E+03 | 2,70E+03     | 1,26E+05     | 2,24E+01   | Não Normal | -          |
|  | 012 - numero_fluxos_NIP    | 3,08E+04 | 5,00E+00  | 1,10E+01 | 6,89E+00 | 1,41E+00     | 2,75E+04     | 2,24E+01   | Não Normal | Prejudicad |
|  | 013 - numero_fluxos_II     | 5,16E+04 | 0,00E+00  | 1,81E+02 | 1,88E+01 | 2,14E+01     | 2,34E+12     | 2,24E+01   | Não Normal | Prejudicad |
|  | 014 - numero_fluxos_IE     | 8,91E+02 | 0,00E+00  | 5,40E+01 | 1,42E+01 | 1,62E+01     | 1,02E+03     | 2,24E+01   | Não Normal | -          |
|  | 015 - numero_fluxos_EI     | 6,09E+02 | 0,00E+00  | 2,40E+01 | 5,51E+00 | 5,56E+00     | 9,41E+02     | 2,24E+01   | Não Normal | -          |
|  | 016 - numero_fluxos_EE     | 9,40E+01 | 0,00E+00  | 4,30E+01 | 2,32E+01 | 1,89E+01     | 5,90E+02     | 2,24E+01   | Não Normal | -          |
|  | 017 - numero_bytes_II      | 2,27E+08 | 0,00E+00  | 3,46E+07 | 9,85E+06 | 1,19E+07     | 5,93E+08     | 2,24E+01   | Não Normal | -          |
|  | 018 - numero_bytes_IE      | 8,57E+06 | 0,00E+00  | 6,37E+05 | 3,25E+05 | 1,76E+05     | 1,02E+07     | 2,24E+01   | Não Normal | -          |
|  | 019 - numero_bytes_EI      | 1,25E+08 | 0,00E+00  | 4,64E+06 | 2,58E+06 | 1,11E+06     | 7,73E+07     | 2,24E+01   | Não Normal | -          |
|  | 020 - numero_bytes_EE      | 3,71E+05 | 0,00E+00  | 1,33E+05 | 8,29E+04 | 3,95E+04     | 1,28E+06     | 2,24E+01   | Não Normal | -          |
|  | 021 - numero_pacotes_II    | 3,96E+05 | 0,00E+00  | 3,21E+04 | 5,81E+03 | 9,15E+03     | 1,47E+06     | 2,24E+01   | Não Normal | -          |
|  | 022 - numero_pacotes_IE    | 1,47E+04 | 0,00E+00  | 8,21E+02 | 4,42E+02 | 2,53E+02     | 9,21E+03     | 2,24E+01   | Não Normal | -          |
|  | 023 - numero_pacotes_EI    | 3,11E+05 | 0,00E+00  | 1,16E+04 | 6,11E+03 | 2,68E+03     | 1,93E+05     | 2,24E+01   | Não Normal | -          |
|  | 024 - numero_pacotes_EE    | 1,72E+03 | 0,00E+00  | 6,03E+02 | 3,80E+02 | 1,81E+02     | 6,25E+03     | 2,24E+01   | Não Normal | -          |
|  | 025 - numero_fluxos_TCP    | 2,76E+03 | 0,00E+00  | 6,90E+01 | 1,27E+01 | 1,77E+01     | 4,99E+03     | 2,24E+01   | Não Normal | -          |
|  | 026 - numero_fluxos_UDP    | 5,00E+04 | 0,00E+00  | 1,78E+02 | 1,73E+01 | 2,06E+01     | 1,99E+13     | 2,24E+01   | Não Normal | Prejudicad |

| =====               |             |             |             |           |            |           |           |           |            |            |            |            |           |                                  |            |             |
|---------------------|-------------|-------------|-------------|-----------|------------|-----------|-----------|-----------|------------|------------|------------|------------|-----------|----------------------------------|------------|-------------|
| 004 - numero_fluxos |             |             |             |           |            |           |           |           |            |            |            |            |           |                                  |            |             |
| =====               |             |             |             |           |            |           |           |           |            |            |            |            |           |                                  |            |             |
| Mínimo .....        | 1,840E+02   |             |             |           |            |           |           |           |            |            |            |            |           |                                  |            |             |
| Máximo .....        | 1,570E+03   |             |             |           |            |           |           |           |            |            |            |            |           |                                  |            |             |
| Amplitude .....     | 9,300E+01   |             |             |           |            |           |           |           |            |            |            |            |           |                                  |            |             |
| Analise .....       | S           |             |             |           |            |           |           |           |            |            |            |            |           |                                  |            |             |
| Soma SQL .....      | 4,763E+05   |             |             |           |            |           |           |           |            |            |            |            |           |                                  |            |             |
| Soma Linha (N) ..   | 4,763E+05   |             |             |           |            |           |           |           |            |            |            |            |           |                                  |            |             |
| Média amostral ..   | 7,791E+02   |             |             |           |            |           |           |           |            |            |            |            |           |                                  |            |             |
| Somatória fi * Pm   | 3,711E+08   |             |             |           |            |           |           |           |            |            |            |            |           |                                  |            |             |
| Somatória fi * Pm   | 3,543E+11   |             |             |           |            |           |           |           |            |            |            |            |           |                                  |            |             |
| Somatória fi * Pm   | 7,791E+02   |             |             |           |            |           |           |           |            |            |            |            |           | Valor para teste de qui-quadrado | 2,378E+05  |             |
| Desvio padrão amc   | 3,701E+02   |             |             |           |            |           |           |           |            |            |            |            |           |                                  |            |             |
| =====               |             |             |             |           |            |           |           |           |            |            |            |            |           |                                  |            |             |
| Num                 | De (aberto) | Até (fechad | Ocorrências | Fi * Pmi  | Fi * Pmi*2 | N         | Média     | Desvio    | z lim.inf. | z lim.sup. | Norm.z inf | Norm.z sup | Prob      | Esperado                         | Obs - Esp  | (O - e)^2/e |
| =====               |             |             |             |           |            |           |           |           |            |            |            |            |           |                                  |            |             |
| 1                   | 0,000E+00   | 1,850E+02   | 1,840E+02   | 1,702E+04 | 1,574E+06  | 4,763E+05 | 7,791E+02 | 3,701E+02 | -2,105E+00 | -1,605E+00 | ---        | 5,421E-02  | 5,421E-02 | 2,582E+04                        | -2,564E+04 | 2,545E+04   |
| 2                   | 1,850E+02   | 2,780E+02   | 3,246E+04   | 7,515E+06 | 1,740E+09  | 4,763E+05 | 7,791E+02 | 3,701E+02 | -1,605E+00 | -1,354E+00 | 5,421E-02  | 8,787E-02  | 3,366E-02 | 1,603E+04                        | 1,643E+04  | 1,684E+04   |
| 3                   | 2,780E+02   | 3,710E+02   | 6,183E+04   | 2,006E+07 | 6,511E+09  | 4,763E+05 | 7,791E+02 | 3,701E+02 | -1,354E+00 | -1,103E+00 | 8,787E-02  | 1,351E-01  | 4,721E-02 | 2,249E+04                        | 3,934E+04  | 6,883E+04   |
| 4                   | 3,710E+02   | 4,640E+02   | 4,213E+04   | 1,759E+07 | 7,343E+09  | 4,763E+05 | 7,791E+02 | 3,701E+02 | -1,103E+00 | -8,514E-01 | 1,351E-01  | 1,973E-01  | 6,220E-02 | 2,962E+04                        | 1,250E+04  | 5,276E+03   |
| 5                   | 4,640E+02   | 5,570E+02   | 3,611E+04   | 1,843E+07 | 9,410E+09  | 4,763E+05 | 7,791E+02 | 3,701E+02 | -8,514E-01 | -6,001E-01 | 1,973E-01  | 2,742E-01  | 7,695E-02 | 3,665E+04                        | -5,432E+02 | 8,051E+00   |
| 6                   | 5,570E+02   | 6,500E+02   | 3,810E+04   | 2,300E+07 | 1,388E+10  | 4,763E+05 | 7,791E+02 | 3,701E+02 | -6,001E-01 | -3,488E-01 | 2,742E-01  | 3,636E-01  | 8,941E-02 | 4,258E+04                        | -4,480E+03 | 4,714E+02   |
| 7                   | 6,500E+02   | 7,430E+02   | 2,223E+04   | 1,548E+07 | 1,078E+10  | 4,763E+05 | 7,791E+02 | 3,701E+02 | -3,488E-01 | -9,744E-02 | 3,636E-01  | 4,612E-01  | 9,755E-02 | 4,646E+04                        | -2,423E+04 | 1,264E+04   |
| 8                   | 7,430E+02   | 8,360E+02   | 2,352E+04   | 1,857E+07 | 1,466E+10  | 4,763E+05 | 7,791E+02 | 3,701E+02 | -9,744E-02 | 1,539E-01  | 4,612E-01  | 5,611E-01  | 9,996E-02 | 4,761E+04                        | -2,409E+04 | 1,219E+04   |
| 9                   | 8,360E+02   | 9,290E+02   | 2,021E+04   | 1,784E+07 | 1,574E+10  | 4,763E+05 | 7,791E+02 | 3,701E+02 | 1,539E-01  | 4,052E-01  | 5,611E-01  | 6,573E-01  | 9,618E-02 | 4,581E+04                        | -2,560E+04 | 1,430E+04   |
| 10                  | 9,290E+02   | 1,022E+03   | 3,032E+04   | 2,957E+07 | 2,885E+10  | 4,763E+05 | 7,791E+02 | 3,701E+02 | 4,052E-01  | 6,565E-01  | 6,573E-01  | 7,442E-01  | 8,692E-02 | 4,140E+04                        | -1,108E+04 | 2,966E+03   |
| 11                  | 1,022E+03   | 1,115E+03   | 3,750E+04   | 4,007E+07 | 4,282E+10  | 4,763E+05 | 7,791E+02 | 3,701E+02 | 6,565E-01  | 9,078E-01  | 7,442E-01  | 8,180E-01  | 7,376E-02 | 3,513E+04                        | 2,370E+03  | 1,598E+02   |
| 12                  | 1,115E+03   | 1,208E+03   | 6,151E+04   | 7,145E+07 | 8,298E+10  | 4,763E+05 | 7,791E+02 | 3,701E+02 | 9,078E-01  | 1,159E+00  | 8,180E-01  | 8,768E-01  | 5,879E-02 | 2,800E+04                        | 3,351E+04  | 4,011E+04   |
| 13                  | 1,208E+03   | 1,301E+03   | 4,525E+04   | 5,677E+07 | 7,121E+10  | 4,763E+05 | 7,791E+02 | 3,701E+02 | 1,159E+00  | 1,410E+00  | 8,768E-01  | 9,208E-01  | 4,400E-02 | 2,096E+04                        | 2,429E+04  | 2,817E+04   |
| 14                  | 1,301E+03   | 1,394E+03   | 1,468E+04   | 1,978E+07 | 2,666E+10  | 4,763E+05 | 7,791E+02 | 3,701E+02 | 1,410E+00  | 1,662E+00  | 9,208E-01  | 9,517E-01  | 3,092E-02 | 1,473E+04                        | -4,676E+01 | 1,484E-01   |
| 15                  | 1,394E+03   | 1,487E+03   | 8,683E+03   | 1,251E+07 | 1,802E+10  | 4,763E+05 | 7,791E+02 | 3,701E+02 | 1,662E+00  | 1,913E+00  | 9,517E-01  | 9,721E-01  | 2,041E-02 | 9,722E+03                        | -1,039E+03 | 1,110E+02   |
| 16                  | 1,487E+03   | 1,580E+03   | 1,570E+03   | 2,408E+06 | 3,692E+09  | 4,763E+05 | 7,791E+02 | 3,701E+02 | 1,913E+00  | 2,164E+00  | 9,721E-01  | ---        | 2,787E-02 | 1,327E+04                        | -1,170E+04 | 1,032E+04   |
| =====               |             |             |             |           |            |           |           |           |            |            |            |            |           |                                  |            |             |
| 005 - numero_bytes  |             |             |             |           |            |           |           |           |            |            |            |            |           |                                  |            |             |
| =====               |             |             |             |           |            |           |           |           |            |            |            |            |           |                                  |            |             |
| Mínimo .....        | 6,503E+05   |             |             |           |            |           |           |           |            |            |            |            |           |                                  |            |             |
| Máximo .....        | 1,456E+08   |             |             |           |            |           |           |           |            |            |            |            |           |                                  |            |             |
| Amplitude .....     | 9,663E+06   |             |             |           |            |           |           |           |            |            |            |            |           |                                  |            |             |
| Analise .....       | S           |             |             |           |            |           |           |           |            |            |            |            |           |                                  |            |             |
| Soma SQL .....      | 8,473E+09   |             |             |           |            |           |           |           |            |            |            |            |           |                                  |            |             |
| Soma Linha (N) ..   | 8,473E+09   |             |             |           |            |           |           |           |            |            |            |            |           |                                  |            |             |
| Média amostral ..   | 3,104E+07   |             |             |           |            |           |           |           |            |            |            |            |           |                                  |            |             |
| Somatória fi * Pm   | 2,630E+17   |             |             |           |            |           |           |           |            |            |            |            |           |                                  |            |             |
| Somatória fi * Pm   | 1,828E+25   |             |             |           |            |           |           |           |            |            |            |            |           |                                  |            |             |
| Somatória fi * Pm   | 3,104E+07   |             |             |           |            |           |           |           |            |            |            |            |           | Valor para teste de qui-quadrado | 1,175E+10  |             |
| Desvio padrão amc   | 3,454E+07   |             |             |           |            |           |           |           |            |            |            |            |           |                                  |            |             |
| =====               |             |             |             |           |            |           |           |           |            |            |            |            |           |                                  |            |             |
| Num                 | De (aberto) | Até (fechad | Ocorrências | Fi * Pmi  | Fi * Pmi*2 | N         | Média     | Desvio    | z lim.inf. | z lim.sup. | Norm.z inf | Norm.z sup | Prob      | Esperado                         | Obs - Esp  | (O - e)^2/e |
| =====               |             |             |             |           |            |           |           |           |            |            |            |            |           |                                  |            |             |
| 1                   | 0,000E+00   | 9,989E+06   | 2,135E+09   | 1,066E+16 | 5,326E+22  | 8,473E+09 | 3,104E+07 | 3,454E+07 | -8,987E-01 | -6,096E-01 | ---        | 2,711E-01  | 2,711E-01 | 2,297E+09                        | -1,615E+08 | 1,135E+07   |
| 2                   | 9,989E+06   | 1,965E+07   | 2,457E+09   | 3,641E+16 | 5,396E+23  | 8,473E+09 | 3,104E+07 | 3,454E+07 | -6,096E-01 | -3,298E-01 | 2,711E-01  | 3,708E-01  | 9,970E-02 | 8,448E+08                        | 1,612E+09  | 3,076E+09   |
| 3                   | 1,965E+07   | 2,932E+07   | 1,470E+09   | 3,598E+16 | 8,810E+23  | 8,473E+09 | 3,104E+07 | 3,454E+07 | -3,298E-01 | -5,006E-02 | 3,708E-01  | 4,800E-01  | 1,093E-01 | 9,259E+08                        | 5,438E+08  | 3,194E+08   |
| 4                   | 2,932E+07   | 3,898E+07   | 5,997E+08   | 2,048E+16 | 6,992E+23  | 8,473E+09 | 3,104E+07 | 3,454E+07 | -5,006E-02 | 2,297E-01  | 4,800E-01  | 5,908E-01  | 1,108E-01 | 9,388E+08                        | -3,392E+08 | 1,225E+08   |
| 5                   | 3,898E+07   | 4,864E+07   | 3,174E+08   | 1,391E+16 | 6,093E+23  | 8,473E+09 | 3,104E+07 | 3,454E+07 | 2,297E-01  | 5,094E-01  | 5,908E-01  | 6,948E-01  | 1,039E-01 | 8,808E+08                        | -5,633E+08 | 3,603E+08   |
| 6                   | 4,864E+07   | 5,831E+07   | 2,753E+08   | 1,472E+16 | 7,871E+23  | 8,473E+09 | 3,104E+07 | 3,454E+07 | 5,094E-01  | 7,892E-01  | 6,948E-01  | 7,850E-01  | 9,022E-02 | 7,645E+08                        | -4,892E+08 | 3,131E+08   |
| 7                   | 5,831E+07   | 6,797E+07   | 0,000E+00   | 0,000E+00 | 0,000E+00  | 8,473E+09 | 3,104E+07 | 3,454E+07 | 7,892E-01  | 1,069E+00  | 7,850E-01  | 8,575E-01  | 7,245E-02 | 6,139E+08                        | -6,139E+08 | 6,139E+08   |
| 8                   | 6,797E+07   | 7,763E+07   | 1,450E+08   | 1,056E+16 | 7,686E+23  | 8,473E+09 | 3,104E+07 | 3,454E+07 | 1,069E+00  | 1,349E+00  | 8,575E-01  | 9,113E-01  | 5,383E-02 | 4,561E+08                        | -3,111E+08 | 2,122E+08   |
| 9                   | 7,763E+07   | 8,730E+07   | 8,078E+07   | 6,661E+15 | 5,493E+23  | 8,473E+09 | 3,104E+07 | 3,454E+07 | 1,349E+00  | 1,628E+00  | 9,113E-01  | 9,483E-01  | 3,700E-02 | 3,135E+08                        | -2,327E+08 | 1,728E+08   |
| 10                  | 8,730E+07   | 9,696E+07   | 2,778E+08   | 2,560E+16 | 2,358E+24  | 8,473E+09 | 3,104E+07 | 3,454E+07 | 1,628E+00  | 1,908E+00  | 9,483E-01  | 9,718E-01  | 2,353E-02 | 1,994E+08                        | 7,846E+07  | 3,087E+07   |
| 11                  | 9,696E+07   | 1,066E+08   | 1,022E+08   | 1,040E+16 | 1,059E+24  | 8,473E+09 | 3,104E+07 | 3,454E+07 | 1,908E+00  | 2,188E+00  | 9,718E-01  | 9,857E-01  | 1,385E-02 | 1,173E+08                        | -1,514E+07 | 1,953E+06   |
| 12                  | 1,066E+08   | 1,163E+08   | 2,167E+08   | 2,415E+16 | 2,691E+24  | 8,473E+09 | 3,104E+07 | 3,454E+07 | 2,188E+00  | 2,468E+00  | 9,857E-01  | 9,932E-01  | 7,537E-03 | 6,386E+07                        | 1,528E+08  | 3,656E+08   |
| 13                  | 1,163E+08   | 1,259E+08   | 1,213E+08   | 1,469E+16 | 1,779E+24  | 8,473E+09 | 3,104E+07 | 3,454E+07 | 2,468E+00  | 2,747E+00  | 9,932E-01  | 9,970E-01  | 3,796E-03 | 3,216E+07                        | 8,911E+07  | 2,469E+08   |
| 14                  | 1,259E+08   | 1,356E+08   | 1,299E+08   | 1,698E+16 | 2,221E+24  | 8,473E+09 | 3,104E+07 | 3,454E+07 | 2,747E+00  | 3,027E+00  | 9,970E-01  | 9,988E-01  | 1,769E-03 | 1,499E+07                        | 1,149E+08  | 8,804E+08   |
| 15                  | 1,356E+08   | 1,453E+08   | 0,000E+00   | 0,000E+00 | 0,000E+00  | 8,473E+09 | 3,104E+07 | 3,454E+07 | 3,027E+00  | 3,307E+00  | 9,988E-01  | 9,995E-01  | 7,625E-04 | 6,460E+06                        | -6,460E+06 | 6,460E+06   |
| 16                  | 1,453E+08   | 1,549E+08   | 1,456E+08   | 2,186E+16 | 3,281E+24  | 8,473E+09 | 3,104E+07 | 3,454E+07 | 3,307E+00  | 3,587E+00  | 9,995E-01  | ---        | 4,715E-04 | 3,995E+06                        | 1,416E+08  | 5,019E+09   |
| =====               |             |             |             |           |            |           |           |           |            |            |            |            |           |                                  |            |             |

| =====                            |             |              |             |           |            |           |           |           |            |            |            |            |           |                                  |            |             |
|----------------------------------|-------------|--------------|-------------|-----------|------------|-----------|-----------|-----------|------------|------------|------------|------------|-----------|----------------------------------|------------|-------------|
| 006 - numero_pacotes             |             |              |             |           |            |           |           |           |            |            |            |            |           |                                  |            |             |
| =====                            |             |              |             |           |            |           |           |           |            |            |            |            |           |                                  |            |             |
| Mínimo .....                     | 4,993E+03   |              |             |           |            |           |           |           |            |            |            |            |           |                                  |            |             |
| Máximo .....                     | 1,742E+05   |              |             |           |            |           |           |           |            |            |            |            |           |                                  |            |             |
| Amplitude .....                  | 1,128E+04   |              |             |           |            |           |           |           |            |            |            |            |           |                                  |            |             |
| Analise .....                    | S           |              |             |           |            |           |           |           |            |            |            |            |           |                                  |            |             |
| Soma SQL .....                   | 1,918E+07   |              |             |           |            |           |           |           |            |            |            |            |           |                                  |            |             |
| Soma Linha (N) ..                | 1,918E+07   |              |             |           |            |           |           |           |            |            |            |            |           |                                  |            |             |
| Média amostral ..                | 4,525E+04   |              |             |           |            |           |           |           |            |            |            |            |           |                                  |            |             |
| Somatória fi * Pm                | 8,678E+11   |              |             |           |            |           |           |           |            |            |            |            |           |                                  |            |             |
| Somatória fi * Pm                | 6,341E+16   |              |             |           |            |           |           |           |            |            |            |            |           |                                  |            |             |
| Somatória fi * Pm                | 4,525E+04   |              |             |           |            |           |           |           |            |            |            |            |           | Valor para teste de qui-quadrado | 1,640E+07  |             |
| Desvio padrão amc                | 3,548E+04   |              |             |           |            |           |           |           |            |            |            |            |           |                                  |            |             |
| =====                            |             |              |             |           |            |           |           |           |            |            |            |            |           |                                  |            |             |
| Num                              | De (aberto) | Até (fechad) | Ocorrências | Fi * Pmi  | Fi * Pmi^2 | N         | Média     | Desvio    | z lim.inf. | z lim.sup. | Norm.z inf | Norm.z sup | Prob      | Esperado                         | Obs - Esp  | (O - e)^2/e |
| =====                            |             |              |             |           |            |           |           |           |            |            |            |            |           |                                  |            |             |
| 1                                | 0,000E+00   | 1,378E+04    | 3,536E+06   | 2,436E+10 | 1,678E+14  | 1,918E+07 | 4,525E+04 | 3,548E+04 | -1,275E+00 | -8,870E-01 | ---        | 1,875E-01  | 1,875E-01 | 3,596E+06                        | -5,991E+04 | 9,980E+02   |
| 2                                | 1,378E+04   | 2,506E+04    | 3,182E+06   | 6,178E+10 | 1,200E+15  | 1,918E+07 | 4,525E+04 | 3,548E+04 | -8,870E-01 | -5,691E-01 | 1,875E-01  | 2,846E-01  | 9,712E-02 | 1,862E+06                        | 1,319E+06  | 9,342E+05   |
| 3                                | 2,506E+04   | 3,634E+04    | 2,681E+06   | 8,231E+10 | 2,527E+15  | 1,918E+07 | 4,525E+04 | 3,548E+04 | -5,691E-01 | -2,512E-01 | 2,846E-01  | 4,008E-01  | 1,162E-01 | 2,229E+06                        | 4,528E+05  | 9,198E+04   |
| 4                                | 3,634E+04   | 4,762E+04    | 1,924E+06   | 8,076E+10 | 3,390E+15  | 1,918E+07 | 4,525E+04 | 3,548E+04 | -2,512E-01 | 6,679E-02  | 4,008E-01  | 5,266E-01  | 1,258E-01 | 2,412E+06                        | -4,885E+05 | 9,893E+04   |
| 5                                | 4,762E+04   | 5,890E+04    | 2,068E+06   | 1,101E+11 | 5,865E+15  | 1,918E+07 | 4,525E+04 | 3,548E+04 | 6,679E-02  | 3,847E-01  | 5,266E-01  | 6,498E-01  | 1,232E-01 | 2,362E+06                        | -2,944E+05 | 3,669E+04   |
| 6                                | 5,890E+04   | 7,018E+04    | 2,543E+06   | 1,641E+11 | 1,059E+16  | 1,918E+07 | 4,525E+04 | 3,548E+04 | 3,847E-01  | 7,027E-01  | 6,498E-01  | 7,589E-01  | 1,091E-01 | 2,092E+06                        | 4,505E+05  | 9,701E+04   |
| 7                                | 7,018E+04   | 8,146E+04    | 9,222E+05   | 6,993E+10 | 5,302E+15  | 1,918E+07 | 4,525E+04 | 3,548E+04 | 7,027E-01  | 1,021E+00  | 7,589E-01  | 8,463E-01  | 8,741E-02 | 1,676E+06                        | -7,541E+05 | 3,393E+05   |
| 8                                | 8,146E+04   | 9,275E+04    | 5,964E+05   | 5,195E+10 | 4,525E+15  | 1,918E+07 | 4,525E+04 | 3,548E+04 | 1,021E+00  | 1,339E+00  | 8,463E-01  | 9,096E-01  | 6,336E-02 | 1,215E+06                        | -6,187E+05 | 3,150E+05   |
| 9                                | 9,275E+04   | 1,040E+05    | 3,952E+05   | 3,888E+10 | 3,826E+15  | 1,918E+07 | 4,525E+04 | 3,548E+04 | 1,339E+00  | 1,657E+00  | 9,096E-01  | 9,512E-01  | 4,155E-02 | 7,968E+05                        | -4,016E+05 | 2,024E+05   |
| 10                               | 1,040E+05   | 1,153E+05    | 4,426E+05   | 4,854E+10 | 5,324E+15  | 1,918E+07 | 4,525E+04 | 3,548E+04 | 1,657E+00  | 1,974E+00  | 9,512E-01  | 9,758E-01  | 2,464E-02 | 4,726E+05                        | -2,997E+04 | 1,900E+03   |
| 11                               | 1,153E+05   | 1,266E+05    | 0,000E+00   | 0,000E+00 | 0,000E+00  | 1,918E+07 | 4,525E+04 | 3,548E+04 | 1,974E+00  | 2,292E+00  | 9,758E-01  | 9,891E-01  | 1,322E-02 | 2,536E+05                        | -2,536E+05 | 2,536E+05   |
| 12                               | 1,266E+05   | 1,379E+05    | 0,000E+00   | 0,000E+00 | 0,000E+00  | 1,918E+07 | 4,525E+04 | 3,548E+04 | 2,292E+00  | 2,610E+00  | 9,891E-01  | 9,955E-01  | 6,419E-03 | 1,231E+05                        | -1,231E+05 | 1,231E+05   |
| 13                               | 1,379E+05   | 1,492E+05    | 5,627E+05   | 8,075E+10 | 1,159E+16  | 1,918E+07 | 4,525E+04 | 3,548E+04 | 2,610E+00  | 2,928E+00  | 9,955E-01  | 9,983E-01  | 2,818E-03 | 5,405E+04                        | 5,087E+05  | 4,787E+06   |
| 14                               | 1,492E+05   | 1,604E+05    | 1,513E+05   | 2,343E+10 | 3,626E+15  | 1,918E+07 | 4,525E+04 | 3,548E+04 | 2,928E+00  | 3,246E+00  | 9,983E-01  | 9,994E-01  | 1,119E-03 | 2,147E+04                        | 1,299E+05  | 7,857E+05   |
| 15                               | 1,604E+05   | 1,717E+05    | 0,000E+00   | 0,000E+00 | 0,000E+00  | 1,918E+07 | 4,525E+04 | 3,548E+04 | 3,246E+00  | 3,564E+00  | 9,994E-01  | 9,998E-01  | 4,022E-04 | 7,714E+03                        | -7,714E+03 | 7,714E+03   |
| 16                               | 1,717E+05   | 1,830E+05    | 1,742E+05   | 3,090E+10 | 5,479E+15  | 1,918E+07 | 4,525E+04 | 3,548E+04 | 3,564E+00  | 3,882E+00  | 9,998E-01  | ---        | 1,825E-04 | 3,500E+03                        | 1,707E+05  | 8,325E+06   |
| =====                            |             |              |             |           |            |           |           |           |            |            |            |            |           |                                  |            |             |
| 007 - numero_fluxos_IP           |             |              |             |           |            |           |           |           |            |            |            |            |           |                                  |            |             |
| =====                            |             |              |             |           |            |           |           |           |            |            |            |            |           |                                  |            |             |
| Mínimo .....                     | 1,720E+02   |              |             |           |            |           |           |           |            |            |            |            |           |                                  |            |             |
| Máximo .....                     | 1,556E+03   |              |             |           |            |           |           |           |            |            |            |            |           |                                  |            |             |
| Amplitude .....                  | 9,300E+01   |              |             |           |            |           |           |           |            |            |            |            |           |                                  |            |             |
| Analise .....                    | S           |              |             |           |            |           |           |           |            |            |            |            |           |                                  |            |             |
| Soma SQL .....                   | 4,654E+05   |              |             |           |            |           |           |           |            |            |            |            |           |                                  |            |             |
| Soma Linha (N) ..                | 4,654E+05   |              |             |           |            |           |           |           |            |            |            |            |           |                                  |            |             |
| Média amostral ..                | 7,690E+02   |              |             |           |            |           |           |           |            |            |            |            |           |                                  |            |             |
| Somatória fi * Pm                | 3,579E+08   |              |             |           |            |           |           |           |            |            |            |            |           |                                  |            |             |
| Somatória fi * Pm                | 3,384E+11   |              |             |           |            |           |           |           |            |            |            |            |           |                                  |            |             |
| Somatória fi * Pm                | 7,690E+02   |              |             |           |            |           |           |           |            |            |            |            |           |                                  |            |             |
| Somatória fi * Pm                | 3,684E+02   |              |             |           |            |           |           |           |            |            |            |            |           |                                  |            |             |
| Desvio padrão amc                | 3,684E+02   |              |             |           |            |           |           |           |            |            |            |            |           |                                  |            |             |
| Valor para teste de qui-quadrado |             |              |             |           |            |           |           |           |            |            |            |            |           |                                  |            |             |
| 2,246E+05                        |             |              |             |           |            |           |           |           |            |            |            |            |           |                                  |            |             |
| =====                            |             |              |             |           |            |           |           |           |            |            |            |            |           |                                  |            |             |
| Num                              | De (aberto) | Até (fechad) | Ocorrências | Fi * Pmi  | Fi * Pmi^2 | N         | Média     | Desvio    | z lim.inf. | z lim.sup. | Norm.z inf | Norm.z sup | Prob      | Esperado                         | Obs - Esp  | (O - e)^2/e |
| =====                            |             |              |             |           |            |           |           |           |            |            |            |            |           |                                  |            |             |
| 1                                | 0,000E+00   | 1,790E+02    | 3,510E+02   | 3,141E+04 | 2,812E+06  | 4,654E+05 | 7,690E+02 | 3,684E+02 | -2,088E+00 | -1,602E+00 | ---        | 5,460E-02  | 5,460E-02 | 2,541E+04                        | -2,506E+04 | 2,471E+04   |
| 2                                | 1,790E+02   | 2,720E+02    | 3,549E+04   | 8,002E+06 | 1,804E+09  | 4,654E+05 | 7,690E+02 | 3,684E+02 | -1,602E+00 | -1,349E+00 | 5,460E-02  | 8,862E-02  | 3,402E-02 | 1,583E+04                        | 1,966E+04  | 2,441E+04   |
| 3                                | 2,720E+02   | 3,650E+02    | 5,706E+04   | 1,817E+07 | 5,788E+09  | 4,654E+05 | 7,690E+02 | 3,684E+02 | -1,349E+00 | -1,097E+00 | 8,862E-02  | 1,364E-01  | 4,774E-02 | 2,221E+04                        | 3,484E+04  | 5,465E+04   |
| 4                                | 3,650E+02   | 4,580E+02    | 4,011E+04   | 1,650E+07 | 6,792E+09  | 4,654E+05 | 7,690E+02 | 3,684E+02 | -1,097E+00 | -8,444E-01 | 1,364E-01  | 1,992E-01  | 6,287E-02 | 2,926E+04                        | 1,085E+04  | 4,024E+03   |
| 5                                | 4,580E+02   | 5,510E+02    | 3,775E+04   | 1,904E+07 | 9,608E+09  | 4,654E+05 | 7,690E+02 | 3,684E+02 | -8,444E-01 | -5,919E-01 | 1,992E-01  | 2,770E-01  | 7,772E-02 | 3,617E+04                        | 1,879E+03  | 6,895E+01   |
| 6                                | 5,510E+02   | 6,440E+02    | 3,545E+04   | 2,118E+07 | 1,266E+10  | 4,654E+05 | 7,690E+02 | 3,684E+02 | -5,919E-01 | -3,395E-01 | 2,770E-01  | 3,671E-01  | 9,018E-02 | 4,197E+04                        | -6,514E+03 | 1,011E+03   |
| 7                                | 6,440E+02   | 7,370E+02    | 2,070E+04   | 1,429E+07 | 9,870E+09  | 4,654E+05 | 7,690E+02 | 3,684E+02 | -3,395E-01 | -8,700E-02 | 3,671E-01  | 4,653E-01  | 9,820E-02 | 4,570E+04                        | -2,500E+04 | 1,368E+04   |
| 8                                | 7,370E+02   | 8,300E+02    | 2,329E+04   | 1,825E+07 | 1,430E+10  | 4,654E+05 | 7,690E+02 | 3,684E+02 | -8,700E-02 | 1,655E-01  | 4,653E-01  | 5,657E-01  | 1,004E-01 | 4,671E+04                        | -2,341E+04 | 1,174E+04   |
| 9                                | 8,300E+02   | 9,230E+02    | 2,100E+04   | 1,841E+07 | 1,613E+10  | 4,654E+05 | 7,690E+02 | 3,684E+02 | 1,655E-01  | 4,179E-01  | 5,657E-01  | 6,620E-01  | 9,629E-02 | 4,481E+04                        | -2,381E+04 | 1,265E+04   |
| 10                               | 9,230E+02   | 1,016E+03    | 2,914E+04   | 2,825E+07 | 2,739E+10  | 4,654E+05 | 7,690E+02 | 3,684E+02 | 4,179E-01  | 6,704E-01  | 6,620E-01  | 7,487E-01  | 8,670E-02 | 4,034E+04                        | -1,120E+04 | 3,112E+03   |
| 11                               | 1,016E+03   | 1,109E+03    | 4,158E+04   | 4,418E+07 | 4,694E+10  | 4,654E+05 | 7,690E+02 | 3,684E+02 | 6,704E-01  | 9,228E-01  | 7,487E-01  | 8,220E-01  | 7,326E-02 | 3,409E+04                        | 7,484E+03  | 1,643E+03   |
| 12                               | 1,109E+03   | 1,202E+03    | 6,123E+04   | 7,075E+07 | 8,175E+10  | 4,654E+05 | 7,690E+02 | 3,684E+02 | 9,228E-01  | 1,175E+00  | 8,220E-01  | 8,801E-01  | 5,811E-02 | 2,704E+04                        | 3,419E+04  | 4,323E+04   |
| 13                               | 1,202E+03   | 1,295E+03    | 4,012E+04   | 5,009E+07 | 6,254E+10  | 4,654E+05 | 7,690E+02 | 3,684E+02 | 1,175E+00  | 1,428E+00  | 8,801E-01  | 9,233E-01  | 4,326E-02 | 2,013E+04                        | 1,999E+04  | 1,985E+04   |
| 14                               | 1,295E+03   | 1,388E+03    | 1,194E+04   | 1,602E+07 | 2,149E+10  | 4,654E+05 | 7,690E+02 | 3,684E+02 | 1,428E+00  | 1,680E+00  | 9,233E-01  | 9,535E-01  | 3,022E-02 | 1,406E+04                        | -2,125E+03 | 3,212E+02   |
| 15                               | 1,388E+03   | 1,481E+03    | 8,597E+03   | 1,233E+07 | 1,769E+10  | 4,654E+05 | 7,690E+02 | 3,684E+02 | 1,680E+00  | 1,933E+00  | 9,535E-01  | 9,734E-01  | 1,982E-02 | 9,223E+03                        | -6,260E+02 | 4,249E+01   |
| 16                               | 1,481E+03   | 1,574E+03    | 1,556E+03   | 2,377E+06 | 3,631E+09  | 4,654E+05 | 7,690E+02 | 3,684E+02 | 1,933E+00  | 2,185E+00  | 9,734E-01  | ---        | 2,664E-02 | 1,240E+04                        | -1,084E+04 | 9,479E+03   |
| =====                            |             |              |             |           |            |           |           |           |            |            |            |            |           |                                  |            |             |

| =====                    |             |             |             |           |            |           |           |           |            |            |            |            |           |           |                                  |             |
|--------------------------|-------------|-------------|-------------|-----------|------------|-----------|-----------|-----------|------------|------------|------------|------------|-----------|-----------|----------------------------------|-------------|
| 008 - numero_bytes_IP_fd |             |             |             |           |            |           |           |           |            |            |            |            |           |           |                                  |             |
| =====                    |             |             |             |           |            |           |           |           |            |            |            |            |           |           |                                  |             |
| Mínimo .....             | 3,640E+05   |             |             |           |            |           |           |           |            |            |            |            |           |           |                                  |             |
| Máximo .....             | 1,055E+08   |             |             |           |            |           |           |           |            |            |            |            |           |           |                                  |             |
| Amplitude .....          | 7,009E+06   |             |             |           |            |           |           |           |            |            |            |            |           |           |                                  |             |
| Analise .....            | S           |             |             |           |            |           |           |           |            |            |            |            |           |           |                                  |             |
| Soma SQL .....           | 2,669E+09   |             |             |           |            |           |           |           |            |            |            |            |           |           |                                  |             |
| Soma Linha (N) ..        | 2,669E+09   |             |             |           |            |           |           |           |            |            |            |            |           |           |                                  |             |
| Média amostral ..        | 2,086E+07   |             |             |           |            |           |           |           |            |            |            |            |           |           |                                  |             |
| Somatória fi * Pm        | 5,569E+16   |             |             |           |            |           |           |           |            |            |            |            |           |           |                                  |             |
| Somatória fi * Pm        | 3,790E+24   |             |             |           |            |           |           |           |            |            |            |            |           |           |                                  |             |
| Somatória fi * Pm        | 2,086E+07   |             |             |           |            |           |           |           |            |            |            |            |           |           |                                  |             |
| Desvio padrão amc        | 3,138E+07   |             |             |           |            |           |           |           |            |            |            |            |           |           |                                  |             |
|                          |             |             |             |           |            |           |           |           |            |            |            |            |           |           | Valor para teste de qui-quadrado | 3,566E+09   |
| =====                    |             |             |             |           |            |           |           |           |            |            |            |            |           |           |                                  |             |
| Num                      | De (aberto) | Até (fechad | Ocorrências | Fi * Pmi  | Fi * Pmi^2 | N         | Média     | Desvio    | z lim.inf. | z lim.sup. | Norm.z inf | Norm.z sup | Prob      | Esperado  | Obs - Esp                        | (O - e)^2/e |
| 1                        | 0,000E+00   | 7,191E+06   | 1,553E+09   | 5,582E+15 | 2,007E+22  | 2,669E+09 | 2,086E+07 | 3,138E+07 | -6,649E-01 | -4,358E-01 | ---        | 3,315E-01  | 3,315E-01 | 8,849E+08 | 6,676E+08                        | 5,037E+08   |
| 2                        | 7,191E+06   | 1,420E+07   | 3,555E+08   | 3,802E+15 | 4,067E+22  | 2,669E+09 | 2,086E+07 | 3,138E+07 | -4,358E-01 | -2,124E-01 | 3,315E-01  | 4,159E-01  | 8,440E-02 | 2,253E+08 | 1,302E+08                        | 7,525E+07   |
| 3                        | 1,420E+07   | 2,121E+07   | 1,534E+08   | 2,716E+15 | 4,809E+22  | 2,669E+09 | 2,086E+07 | 3,138E+07 | -2,124E-01 | 1,101E-02  | 4,159E-01  | 5,044E-01  | 8,849E-02 | 2,362E+08 | -8,278E+07                       | 2,901E+07   |
| 4                        | 2,121E+07   | 2,822E+07   | 7,509E+07   | 1,856E+15 | 4,586E+22  | 2,669E+09 | 2,086E+07 | 3,138E+07 | 1,101E-02  | 2,344E-01  | 5,044E-01  | 5,927E-01  | 8,827E-02 | 2,356E+08 | -1,605E+08                       | 1,094E+08   |
| 5                        | 2,822E+07   | 3,523E+07   | 2,830E+07   | 8,978E+14 | 2,848E+22  | 2,669E+09 | 2,086E+07 | 3,138E+07 | 2,344E-01  | 4,578E-01  | 5,927E-01  | 6,764E-01  | 8,378E-02 | 2,237E+08 | -1,954E+08                       | 1,706E+08   |
| 6                        | 3,523E+07   | 4,223E+07   | 0,000E+00   | 0,000E+00 | 0,000E+00  | 2,669E+09 | 2,086E+07 | 3,138E+07 | 4,578E-01  | 6,812E-01  | 6,764E-01  | 7,521E-01  | 7,567E-02 | 2,020E+08 | -2,020E+08                       | 2,020E+08   |
| 7                        | 4,223E+07   | 4,924E+07   | 9,356E+07   | 4,280E+15 | 1,957E+23  | 2,669E+09 | 2,086E+07 | 3,138E+07 | 6,812E-01  | 9,046E-01  | 7,521E-01  | 8,171E-01  | 6,503E-02 | 1,736E+08 | -8,003E+07                       | 3,690E+07   |
| 8                        | 4,924E+07   | 5,625E+07   | 5,181E+07   | 2,733E+15 | 1,442E+23  | 2,669E+09 | 2,086E+07 | 3,138E+07 | 9,046E-01  | 1,128E+00  | 8,171E-01  | 8,703E-01  | 5,318E-02 | 1,420E+08 | -9,014E+07                       | 5,724E+07   |
| 9                        | 5,625E+07   | 6,326E+07   | 0,000E+00   | 0,000E+00 | 0,000E+00  | 2,669E+09 | 2,086E+07 | 3,138E+07 | 1,128E+00  | 1,351E+00  | 8,703E-01  | 9,117E-01  | 4,138E-02 | 1,105E+08 | -1,105E+08                       | 1,105E+08   |
| 10                       | 6,326E+07   | 7,027E+07   | 6,532E+07   | 4,361E+15 | 2,912E+23  | 2,669E+09 | 2,086E+07 | 3,138E+07 | 1,351E+00  | 1,575E+00  | 9,117E-01  | 9,423E-01  | 3,063E-02 | 8,178E+07 | -1,646E+07                       | 3,313E+06   |
| 11                       | 7,027E+07   | 7,728E+07   | 0,000E+00   | 0,000E+00 | 0,000E+00  | 2,669E+09 | 2,086E+07 | 3,138E+07 | 1,575E+00  | 1,798E+00  | 9,423E-01  | 9,639E-01  | 2,158E-02 | 5,761E+07 | -5,761E+07                       | 5,761E+07   |
| 12                       | 7,728E+07   | 8,429E+07   | 0,000E+00   | 0,000E+00 | 0,000E+00  | 2,669E+09 | 2,086E+07 | 3,138E+07 | 1,798E+00  | 2,021E+00  | 9,639E-01  | 9,784E-01  | 1,447E-02 | 3,862E+07 | -3,862E+07                       | 3,862E+07   |
| 13                       | 8,429E+07   | 9,130E+07   | 8,512E+07   | 7,473E+15 | 6,561E+23  | 2,669E+09 | 2,086E+07 | 3,138E+07 | 2,021E+00  | 2,245E+00  | 9,784E-01  | 9,876E-01  | 9,227E-03 | 2,463E+07 | 6,049E+07                        | 1,486E+08   |
| 14                       | 9,130E+07   | 9,831E+07   | 0,000E+00   | 0,000E+00 | 0,000E+00  | 2,669E+09 | 2,086E+07 | 3,138E+07 | 2,245E+00  | 2,468E+00  | 9,876E-01  | 9,932E-01  | 5,600E-03 | 1,495E+07 | -1,495E+07                       | 1,495E+07   |
| 15                       | 9,831E+07   | 1,053E+08   | 1,033E+08   | 1,051E+16 | 1,070E+24  | 2,669E+09 | 2,086E+07 | 3,138E+07 | 2,468E+00  | 2,692E+00  | 9,932E-01  | 9,964E-01  | 3,234E-03 | 8,632E+06 | 9,462E+07                        | 1,037E+09   |
| 16                       | 1,053E+08   | 1,123E+08   | 1,055E+08   | 1,148E+16 | 1,249E+24  | 2,669E+09 | 2,086E+07 | 3,138E+07 | 2,692E+00  | 2,915E+00  | 9,964E-01  | ---        | 3,555E-03 | 9,490E+06 | 9,601E+07                        | 9,712E+08   |
| =====                    |             |             |             |           |            |           |           |           |            |            |            |            |           |           |                                  |             |
| 009 - numero_bytes_IP_df |             |             |             |           |            |           |           |           |            |            |            |            |           |           |                                  |             |
| =====                    |             |             |             |           |            |           |           |           |            |            |            |            |           |           |                                  |             |
| Mínimo .....             | 2,158E+05   |             |             |           |            |           |           |           |            |            |            |            |           |           |                                  |             |
| Máximo .....             | 1,386E+08   |             |             |           |            |           |           |           |            |            |            |            |           |           |                                  |             |
| Amplitude .....          | 9,227E+06   |             |             |           |            |           |           |           |            |            |            |            |           |           |                                  |             |
| Analise .....            | S           |             |             |           |            |           |           |           |            |            |            |            |           |           |                                  |             |
| Soma SQL .....           | 5,575E+09   |             |             |           |            |           |           |           |            |            |            |            |           |           |                                  |             |
| Soma Linha (N) ..        | 5,575E+09   |             |             |           |            |           |           |           |            |            |            |            |           |           |                                  |             |
| Média amostral ..        | 2,288E+07   |             |             |           |            |           |           |           |            |            |            |            |           |           |                                  |             |
| Somatória fi * Pm        | 1,276E+17   |             |             |           |            |           |           |           |            |            |            |            |           |           |                                  |             |
| Somatória fi * Pm        | 7,822E+24   |             |             |           |            |           |           |           |            |            |            |            |           |           |                                  |             |
| Somatória fi * Pm        | 2,288E+07   |             |             |           |            |           |           |           |            |            |            |            |           |           |                                  |             |
| Desvio padrão amc        | 2,965E+07   |             |             |           |            |           |           |           |            |            |            |            |           |           |                                  |             |
|                          |             |             |             |           |            |           |           |           |            |            |            |            |           |           | Valor para teste de qui-quadrado | 7,543E+10   |
| =====                    |             |             |             |           |            |           |           |           |            |            |            |            |           |           |                                  |             |
| Num                      | De (aberto) | Até (fechad | Ocorrências | Fi * Pmi  | Fi * Pmi^2 | N         | Média     | Desvio    | z lim.inf. | z lim.sup. | Norm.z inf | Norm.z sup | Prob      | Esperado  | Obs - Esp                        | (O - e)^2/e |
| 1                        | 0,000E+00   | 9,335E+06   | 2,065E+09   | 9,638E+15 | 4,499E+22  | 5,575E+09 | 2,288E+07 | 2,965E+07 | -7,716E-01 | -4,568E-01 | ---        | 3,239E-01  | 3,239E-01 | 1,806E+09 | 2,590E+08                        | 3,715E+07   |
| 2                        | 9,335E+06   | 1,856E+07   | 1,830E+09   | 2,552E+16 | 3,560E+23  | 5,575E+09 | 2,288E+07 | 2,965E+07 | -4,568E-01 | -1,456E-01 | 3,239E-01  | 4,421E-01  | 1,182E-01 | 6,590E+08 | 1,171E+09                        | 2,080E+09   |
| 3                        | 1,856E+07   | 2,779E+07   | 6,339E+08   | 1,469E+16 | 3,405E+23  | 5,575E+09 | 2,288E+07 | 2,965E+07 | -1,456E-01 | 1,655E-01  | 4,421E-01  | 5,657E-01  | 1,236E-01 | 6,893E+08 | -5,537E+07                       | 4,447E+06   |
| 4                        | 2,779E+07   | 3,702E+07   | 1,181E+08   | 3,827E+15 | 1,240E+23  | 5,575E+09 | 2,288E+07 | 2,965E+07 | 1,655E-01  | 4,767E-01  | 5,657E-01  | 6,832E-01  | 1,175E-01 | 6,549E+08 | -5,368E+08                       | 4,400E+08   |
| 5                        | 3,702E+07   | 4,624E+07   | 2,042E+08   | 8,502E+15 | 5,339E+23  | 5,575E+09 | 2,288E+07 | 2,965E+07 | 4,767E-01  | 7,879E-01  | 6,832E-01  | 7,846E-01  | 1,014E-01 | 5,653E+08 | -3,611E+08                       | 2,306E+08   |
| 6                        | 4,624E+07   | 5,547E+07   | 1,570E+08   | 7,986E+15 | 4,062E+23  | 5,575E+09 | 2,288E+07 | 2,965E+07 | 7,879E-01  | 1,099E+00  | 7,846E-01  | 8,641E-01  | 7,951E-02 | 4,433E+08 | -2,863E+08                       | 1,849E+08   |
| 7                        | 5,547E+07   | 6,470E+07   | 0,000E+00   | 0,000E+00 | 0,000E+00  | 5,575E+09 | 2,288E+07 | 2,965E+07 | 1,099E+00  | 1,410E+00  | 8,641E-01  | 9,208E-01  | 5,664E-02 | 3,158E+08 | -3,158E+08                       | 3,158E+08   |
| 8                        | 6,470E+07   | 7,393E+07   | 6,955E+07   | 4,821E+15 | 3,341E+23  | 5,575E+09 | 2,288E+07 | 2,965E+07 | 1,410E+00  | 1,721E+00  | 9,208E-01  | 9,574E-01  | 3,665E-02 | 2,043E+08 | -1,348E+08                       | 8,890E+07   |
| 9                        | 7,393E+07   | 8,315E+07   | 7,946E+07   | 6,240E+15 | 4,901E+23  | 5,575E+09 | 2,288E+07 | 2,965E+07 | 1,721E+00  | 2,032E+00  | 9,574E-01  | 9,789E-01  | 2,154E-02 | 1,201E+08 | -4,065E+07                       | 1,376E+07   |
| 10                       | 8,315E+07   | 9,238E+07   | 1,745E+08   | 1,532E+16 | 1,345E+24  | 5,575E+09 | 2,288E+07 | 2,965E+07 | 2,032E+00  | 2,344E+00  | 9,789E-01  | 9,905E-01  | 1,150E-02 | 6,414E+07 | 1,104E+08                        | 1,901E+08   |
| 11                       | 9,238E+07   | 1,016E+08   | 0,000E+00   | 0,000E+00 | 0,000E+00  | 5,575E+09 | 2,288E+07 | 2,965E+07 | 2,344E+00  | 2,655E+00  | 9,905E-01  | 9,960E-01  | 5,580E-03 | 3,111E+07 | -3,111E+07                       | 3,111E+07   |
| 12                       | 1,016E+08   | 1,108E+08   | 1,052E+08   | 1,118E+16 | 1,187E+24  | 5,575E+09 | 2,288E+07 | 2,965E+07 | 2,655E+00  | 2,966E+00  | 9,960E-01  | 9,985E-01  | 2,459E-03 | 1,371E+07 | 9,152E+07                        | 6,109E+08   |
| 13                       | 1,108E+08   | 1,201E+08   | 0,000E+00   | 0,000E+00 | 0,000E+00  | 5,575E+09 | 2,288E+07 | 2,965E+07 | 2,966E+00  | 3,277E+00  | 9,985E-01  | 9,995E-01  | 9,843E-04 | 5,488E+06 | -5,488E+06                       | 5,488E+06   |
| 14                       | 1,201E+08   | 1,293E+08   | 0,000E+00   | 0,000E+00 | 0,000E+00  | 5,575E+09 | 2,288E+07 | 2,965E+07 | 3,277E+00  | 3,588E+00  | 9,995E-01  | 9,998E-01  | 3,579E-04 | 1,996E+06 | -1,996E+06                       | 1,996E+06   |
| 15                       | 1,293E+08   | 1,385E+08   | 0,000E+00   | 0,000E+00 | 0,000E+00  | 5,575E+09 | 2,288E+07 | 2,965E+07 | 3,588E+00  | 3,899E+00  | 9,998E-01  | 1,000E+00  | 1,182E-04 | 6,592E+05 | -6,592E+05                       | 6,592E+05   |
| 16                       | 1,385E+08   | 1,477E+08   | 1,386E+08   | 1,984E+16 | 2,840E+24  | 5,575E+09 | 2,288E+07 | 2,965E+07 | 3,899E+00  | 4,211E+00  | 1,000E+00  | ---        | 4,823E-05 | 2,689E+05 | 1,384E+08                        | 7,119E+10   |
| =====                    |             |             |             |           |            |           |           |           |            |            |            |            |           |           |                                  |             |

| =====                      |             |              |             |           |            |           |           |           |            |            |            |            |           |           |            |  |
|----------------------------|-------------|--------------|-------------|-----------|------------|-----------|-----------|-----------|------------|------------|------------|------------|-----------|-----------|------------|--|
| 010 - numero_pacotes_IP_fd |             |              |             |           |            |           |           |           |            |            |            |            |           |           |            |  |
| =====                      |             |              |             |           |            |           |           |           |            |            |            |            |           |           |            |  |
| Mínimo .....               | 3,169E+03   |              |             |           |            |           |           |           |            |            |            |            |           |           |            |  |
| Máximo .....               | 1,030E+05   |              |             |           |            |           |           |           |            |            |            |            |           |           |            |  |
| Amplitude .....            | 6,656E+03   |              |             |           |            |           |           |           |            |            |            |            |           |           |            |  |
| Analise .....              | S           |              |             |           |            |           |           |           |            |            |            |            |           |           |            |  |
| Soma SQL .....             | 9,801E+06   |              |             |           |            |           |           |           |            |            |            |            |           |           |            |  |
| Soma Linha (N) ..          | 9,801E+06   |              |             |           |            |           |           |           |            |            |            |            |           |           |            |  |
| Média amostral ..          | 2,209E+04   |              |             |           |            |           |           |           |            |            |            |            |           |           |            |  |
| Somatória fi * Pm          | 2,166E+11   |              |             |           |            |           |           |           |            |            |            |            |           |           |            |  |
| Somatória fi * Pm          | 8,248E+15   |              |             |           |            |           |           |           |            |            |            |            |           |           |            |  |
| Somatória fi * Pm          | 2,209E+04   |              |             |           |            |           |           |           |            |            |            |            |           |           |            |  |
| Desvio padrão amc          | 1,880E+04   |              |             |           |            |           |           |           |            |            |            |            |           |           |            | Valor para teste de qui-quadrado 1,091E+08 |
| =====                      |             |              |             |           |            |           |           |           |            |            |            |            |           |           |            |  |
| Num                        | De (aberto) | Até (fechad) | Ocorrências | Fi * Pmi  | Fi * Pmi^2 | N         | Média     | Desvio    | z lim.inf. | z lim.sup. | Norm.z inf | Norm.z sup | Prob      | Esperado  | Obs - Esp  | (O - e)^2/e                                |
| 1                          | 0,000E+00   | 8,241E+03    | 2,341E+06   | 9,645E+09 | 3,974E+13  | 9,801E+06 | 2,209E+04 | 1,880E+04 | -1,175E+00 | -7,369E-01 | ---        | 2,306E-01  | 2,306E-01 | 2,260E+06 | 8,086E+04  | 2,893E+03                                  |
| 2                          | 8,241E+03   | 1,490E+04    | 2,001E+06   | 2,315E+10 | 2,679E+14  | 9,801E+06 | 2,209E+04 | 1,880E+04 | -7,369E-01 | -3,829E-01 | 2,306E-01  | 3,509E-01  | 1,203E-01 | 1,179E+06 | 8,220E+05  | 5,729E+05                                  |
| 3                          | 1,490E+04   | 2,155E+04    | 1,328E+06   | 2,420E+10 | 4,410E+14  | 9,801E+06 | 2,209E+04 | 1,880E+04 | -3,829E-01 | -2,879E-02 | 3,509E-01  | 4,885E-01  | 1,376E-01 | 1,349E+06 | -2,110E+04 | 3,301E+02                                  |
| 4                          | 2,155E+04   | 2,821E+04    | 8,276E+05   | 2,059E+10 | 5,124E+14  | 9,801E+06 | 2,209E+04 | 1,880E+04 | -2,879E-02 | 3,253E-01  | 4,885E-01  | 6,275E-01  | 1,390E-01 | 1,362E+06 | -5,348E+05 | 2,099E+05                                  |
| 5                          | 2,821E+04   | 3,487E+04    | 1,799E+06   | 5,675E+10 | 1,790E+15  | 9,801E+06 | 2,209E+04 | 1,880E+04 | 3,253E-01  | 6,794E-01  | 6,275E-01  | 7,515E-01  | 1,240E-01 | 1,216E+06 | 5,837E+05  | 2,803E+05                                  |
| 6                          | 3,487E+04   | 4,152E+04    | 6,573E+05   | 2,511E+10 | 9,589E+14  | 9,801E+06 | 2,209E+04 | 1,880E+04 | 6,794E-01  | 1,033E+00  | 7,515E-01  | 8,493E-01  | 9,775E-02 | 9,581E+05 | -3,008E+05 | 9,443E+04                                  |
| 7                          | 4,152E+04   | 4,818E+04    | 1,725E+05   | 7,739E+09 | 3,471E+14  | 9,801E+06 | 2,209E+04 | 1,880E+04 | 1,033E+00  | 1,388E+00  | 8,493E-01  | 9,174E-01  | 6,806E-02 | 6,671E+05 | -4,945E+05 | 3,666E+05                                  |
| 8                          | 4,818E+04   | 5,483E+04    | 1,524E+05   | 7,852E+09 | 4,044E+14  | 9,801E+06 | 2,209E+04 | 1,880E+04 | 1,388E+00  | 1,742E+00  | 9,174E-01  | 9,592E-01  | 4,185E-02 | 4,102E+05 | -2,578E+05 | 1,620E+05                                  |
| 9                          | 5,483E+04   | 6,149E+04    | 1,754E+05   | 1,020E+10 | 5,933E+14  | 9,801E+06 | 2,209E+04 | 1,880E+04 | 1,742E+00  | 2,096E+00  | 9,592E-01  | 9,819E-01  | 2,273E-02 | 2,228E+05 | -4,744E+04 | 1,010E+04                                  |
| 10                         | 6,149E+04   | 6,815E+04    | 6,596E+04   | 4,275E+09 | 2,771E+14  | 9,801E+06 | 2,209E+04 | 1,880E+04 | 2,096E+00  | 2,450E+00  | 9,819E-01  | 9,929E-01  | 1,091E-02 | 1,069E+05 | -4,095E+04 | 1,569E+04                                  |
| 11                         | 6,815E+04   | 7,480E+04    | 0,000E+00   | 0,000E+00 | 0,000E+00  | 9,801E+06 | 2,209E+04 | 1,880E+04 | 2,450E+00  | 2,804E+00  | 9,929E-01  | 9,975E-01  | 4,623E-03 | 4,531E+04 | -4,531E+04 | 4,531E+04                                  |
| 12                         | 7,480E+04   | 8,146E+04    | 0,000E+00   | 0,000E+00 | 0,000E+00  | 9,801E+06 | 2,209E+04 | 1,880E+04 | 2,804E+00  | 3,158E+00  | 9,975E-01  | 9,992E-01  | 1,730E-03 | 1,696E+04 | -1,696E+04 | 1,696E+04                                  |
| 13                         | 8,146E+04   | 8,811E+04    | 0,000E+00   | 0,000E+00 | 0,000E+00  | 9,801E+06 | 2,209E+04 | 1,880E+04 | 3,158E+00  | 3,512E+00  | 9,992E-01  | 9,998E-01  | 5,721E-04 | 5,608E+03 | -5,608E+03 | 5,608E+03                                  |
| 14                         | 8,811E+04   | 9,477E+04    | 1,778E+05   | 1,626E+10 | 1,487E+15  | 9,801E+06 | 2,209E+04 | 1,880E+04 | 3,512E+00  | 3,866E+00  | 9,998E-01  | 9,999E-01  | 1,671E-04 | 1,638E+03 | 1,761E+05  | 1,894E+07                                  |
| 15                         | 9,477E+04   | 1,014E+05    | 0,000E+00   | 0,000E+00 | 0,000E+00  | 9,801E+06 | 2,209E+04 | 1,880E+04 | 3,866E+00  | 4,220E+00  | 9,999E-01  | 1,000E+00  | 4,311E-05 | 4,225E+02 | -4,225E+02 | 4,225E+02                                  |
| 16                         | 1,014E+05   | 1,081E+05    | 1,030E+05   | 1,079E+10 | 1,130E+15  | 9,801E+06 | 2,209E+04 | 1,880E+04 | 4,220E+00  | 4,574E+00  | 1,000E+00  | ---        | 1,221E-05 | 1,197E+02 | 1,029E+05  | 8,842E+07                                  |
| =====                      |             |              |             |           |            |           |           |           |            |            |            |            |           |           |            |  |
| 011 - numero_pacotes_IP_df |             |              |             |           |            |           |           |           |            |            |            |            |           |           |            |  |
| =====                      |             |              |             |           |            |           |           |           |            |            |            |            |           |           |            |  |
| Mínimo .....               | 1,414E+03   |              |             |           |            |           |           |           |            |            |            |            |           |           |            |  |
| Máximo .....               | 9,992E+04   |              |             |           |            |           |           |           |            |            |            |            |           |           |            |  |
| Amplitude .....            | 6,568E+03   |              |             |           |            |           |           |           |            |            |            |            |           |           |            |  |
| Analise .....              | S           |              |             |           |            |           |           |           |            |            |            |            |           |           |            |  |
| Soma SQL .....             | 8,738E+06   |              |             |           |            |           |           |           |            |            |            |            |           |           |            |  |
| Soma Linha (N) ..          | 8,738E+06   |              |             |           |            |           |           |           |            |            |            |            |           |           |            |  |
| Média amostral ..          | 2,396E+04   |              |             |           |            |           |           |           |            |            |            |            |           |           |            |  |
| Somatória fi * Pm          | 2,094E+11   |              |             |           |            |           |           |           |            |            |            |            |           |           |            |  |
| Somatória fi * Pm          | 8,350E+15   |              |             |           |            |           |           |           |            |            |            |            |           |           |            |  |
| Somatória fi * Pm          | 2,396E+04   |              |             |           |            |           |           |           |            |            |            |            |           |           |            |  |
| Desvio padrão amc          | 1,953E+04   |              |             |           |            |           |           |           |            |            |            |            |           |           |            | Valor para teste de qui-quadrado 2,159E+07 |
| =====                      |             |              |             |           |            |           |           |           |            |            |            |            |           |           |            |  |
| Num                        | De (aberto) | Até (fechad) | Ocorrências | Fi * Pmi  | Fi * Pmi^2 | N         | Média     | Desvio    | z lim.inf. | z lim.sup. | Norm.z inf | Norm.z sup | Prob      | Esperado  | Obs - Esp  | (O - e)^2/e                                |
| 1                          | 0,000E+00   | 7,275E+03    | 1,723E+06   | 6,267E+09 | 2,280E+13  | 8,738E+06 | 2,396E+04 | 1,953E+04 | -1,227E+00 | -8,547E-01 | ---        | 1,963E-01  | 1,963E-01 | 1,716E+06 | 7,259E+03  | 3,072E+01                                  |
| 2                          | 7,275E+03   | 1,384E+04    | 1,542E+06   | 1,628E+10 | 1,719E+14  | 8,738E+06 | 2,396E+04 | 1,953E+04 | -8,547E-01 | -5,184E-01 | 1,963E-01  | 3,021E-01  | 1,058E-01 | 9,240E+05 | 6,179E+05  | 4,132E+05                                  |
| 3                          | 1,384E+04   | 2,041E+04    | 1,178E+06   | 2,017E+10 | 3,454E+14  | 8,738E+06 | 2,396E+04 | 1,953E+04 | -5,184E-01 | -1,820E-01 | 3,021E-01  | 4,278E-01  | 1,257E-01 | 1,098E+06 | 7,934E+04  | 5,732E+03                                  |
| 4                          | 2,041E+04   | 2,698E+04    | 1,038E+06   | 2,460E+10 | 5,828E+14  | 8,738E+06 | 2,396E+04 | 1,953E+04 | -1,820E-01 | 1,544E-01  | 4,278E-01  | 5,613E-01  | 1,335E-01 | 1,167E+06 | -1,289E+05 | 1,423E+04                                  |
| 5                          | 2,698E+04   | 3,355E+04    | 1,339E+06   | 4,051E+10 | 1,226E+15  | 8,738E+06 | 2,396E+04 | 1,953E+04 | 1,544E-01  | 4,907E-01  | 5,613E-01  | 6,882E-01  | 1,269E-01 | 1,108E+06 | 2,302E+05  | 4,781E+04                                  |
| 6                          | 3,355E+04   | 4,012E+04    | 6,245E+05   | 2,300E+10 | 8,472E+14  | 8,738E+06 | 2,396E+04 | 1,953E+04 | 4,907E-01  | 8,271E-01  | 6,882E-01  | 7,959E-01  | 1,077E-01 | 9,412E+05 | -3,167E+05 | 1,066E+05                                  |
| 7                          | 4,012E+04   | 4,668E+04    | 4,332E+05   | 1,880E+10 | 8,159E+14  | 8,738E+06 | 2,396E+04 | 1,953E+04 | 8,271E-01  | 1,163E+00  | 7,959E-01  | 8,777E-01  | 8,177E-02 | 7,145E+05 | -2,813E+05 | 1,107E+05                                  |
| 8                          | 4,668E+04   | 5,325E+04    | 1,520E+05   | 7,595E+09 | 3,795E+14  | 8,738E+06 | 2,396E+04 | 1,953E+04 | 1,163E+00  | 1,500E+00  | 8,777E-01  | 9,332E-01  | 5,549E-02 | 4,849E+05 | -3,329E+05 | 2,285E+05                                  |
| 9                          | 5,325E+04   | 5,982E+04    | 5,404E+04   | 3,055E+09 | 1,727E+14  | 8,738E+06 | 2,396E+04 | 1,953E+04 | 1,500E+00  | 1,836E+00  | 9,332E-01  | 9,668E-01  | 3,367E-02 | 2,942E+05 | -2,401E+05 | 1,960E+05                                  |
| 10                         | 5,982E+04   | 6,639E+04    | 1,232E+05   | 7,777E+09 | 4,908E+14  | 8,738E+06 | 2,396E+04 | 1,953E+04 | 1,836E+00  | 2,173E+00  | 9,668E-01  | 9,851E-01  | 1,826E-02 | 1,595E+05 | -3,630E+04 | 8,258E+03                                  |
| 11                         | 6,639E+04   | 7,296E+04    | 2,767E+05   | 1,928E+10 | 1,343E+15  | 8,738E+06 | 2,396E+04 | 1,953E+04 | 2,173E+00  | 2,509E+00  | 9,851E-01  | 9,939E-01  | 8,852E-03 | 7,735E+04 | 1,994E+05  | 5,140E+05                                  |
| 12                         | 7,296E+04   | 7,952E+04    | 1,551E+05   | 1,183E+10 | 9,017E+14  | 8,738E+06 | 2,396E+04 | 1,953E+04 | 2,509E+00  | 2,845E+00  | 9,939E-01  | 9,978E-01  | 3,837E-03 | 3,352E+04 | 1,216E+05  | 4,411E+05                                  |
| 13                         | 7,952E+04   | 8,609E+04    | 0,000E+00   | 0,000E+00 | 0,000E+00  | 8,738E+06 | 2,396E+04 | 1,953E+04 | 2,845E+00  | 3,182E+00  | 9,978E-01  | 9,993E-01  | 1,486E-03 | 1,299E+04 | -1,299E+04 | 1,299E+04                                  |
| 14                         | 8,609E+04   | 9,266E+04    | 0,000E+00   | 0,000E+00 | 0,000E+00  | 8,738E+06 | 2,396E+04 | 1,953E+04 | 3,182E+00  | 3,518E+00  | 9,993E-01  | 9,998E-01  | 5,148E-04 | 4,499E+03 | -4,499E+03 | 4,499E+03                                  |
| 15                         | 9,266E+04   | 9,923E+04    | 0,000E+00   | 0,000E+00 | 0,000E+00  | 8,738E+06 | 2,396E+04 | 1,953E+04 | 3,518E+00  | 3,854E+00  | 9,998E-01  | 9,999E-01  | 1,594E-04 | 1,393E+03 | -1,393E+03 | 1,393E+03                                  |
| 16                         | 9,923E+04   | 1,058E+05    | 9,992E+04   | 1,024E+10 | 1,050E+15  | 8,738E+06 | 2,396E+04 | 1,953E+04 | 3,854E+00  | 4,191E+00  | 9,999E-01  | ---        | 5,804E-05 | 5,071E+02 | 9,942E+04  | 1,949E+07                                  |
| =====                      |             |              |             |           |            |           |           |           |            |            |            |            |           |           |            |  |





| =====                  |             |             |             |           |            |           |           |           |            |            |            |            |           |           |                                  |             |
|------------------------|-------------|-------------|-------------|-----------|------------|-----------|-----------|-----------|------------|------------|------------|------------|-----------|-----------|----------------------------------|-------------|
| 016 - numero_fluxos_EE |             |             |             |           |            |           |           |           |            |            |            |            |           |           |                                  |             |
| =====                  |             |             |             |           |            |           |           |           |            |            |            |            |           |           |                                  |             |
| Mínimo .....           | 3,000E+00   |             |             |           |            |           |           |           |            |            |            |            |           |           |                                  |             |
| Máximo .....           | 3,700E+01   |             |             |           |            |           |           |           |            |            |            |            |           |           |                                  |             |
| Amplitude .....        | 3,000E+00   |             |             |           |            |           |           |           |            |            |            |            |           |           |                                  |             |
| Analise .....          | S           |             |             |           |            |           |           |           |            |            |            |            |           |           |                                  |             |
| Soma SQL .....         | 6,436E+03   |             |             |           |            |           |           |           |            |            |            |            |           |           |                                  |             |
| Soma Linha (N) ..      | 6,436E+03   |             |             |           |            |           |           |           |            |            |            |            |           |           |                                  |             |
| Média amostral ..      | 1,202E+01   |             |             |           |            |           |           |           |            |            |            |            |           |           |                                  |             |
| Somatória fi * Pm      | 7,737E+04   |             |             |           |            |           |           |           |            |            |            |            |           |           |                                  |             |
| Somatória fi * Pm      | 1,256E+06   |             |             |           |            |           |           |           |            |            |            |            |           |           |                                  |             |
| Somatória fi * Pm      | 1,202E+01   |             |             |           |            |           |           |           |            |            |            |            |           |           |                                  |             |
| Desvio padrão amc      | 7,112E+00   |             |             |           |            |           |           |           |            |            |            |            |           |           |                                  |             |
|                        |             |             |             |           |            |           |           |           |            |            |            |            |           |           | Valor para teste de qui-quadrado | 4,706E+03   |
| =====                  |             |             |             |           |            |           |           |           |            |            |            |            |           |           |                                  |             |
| Num                    | De (aberto) | Até (fechad | Ocorrências | Fi * Pmi  | Fi * Pmi*2 | N         | Média     | Desvio    | z lim.inf. | z lim.sup. | Norm.z inf | Norm.z sup | Prob      | Esperado  | Obs - Esp                        | (O - e)^2/e |
| 1                      | 0,000E+00   | 5,000E+00   | 1,118E+03   | 2,795E+03 | 6,988E+03  | 6,436E+03 | 1,202E+01 | 7,112E+00 | -1,690E+00 | -9,872E-01 | ---        | 1,618E-01  | 1,618E-01 | 1,041E+03 | 7,691E+01                        | 5,682E+00   |
| 2                      | 5,000E+00   | 8,000E+00   | 1,606E+03   | 1,044E+04 | 6,785E+04  | 6,436E+03 | 1,202E+01 | 7,112E+00 | -9,872E-01 | -5,654E-01 | 1,618E-01  | 2,859E-01  | 1,241E-01 | 7,989E+02 | 8,071E+02                        | 8,154E+02   |
| 3                      | 8,000E+00   | 1,100E+01   | 2,940E+02   | 2,793E+03 | 2,653E+04  | 6,436E+03 | 1,202E+01 | 7,112E+00 | -5,654E-01 | -1,436E-01 | 2,859E-01  | 4,429E-01  | 1,570E-01 | 1,011E+03 | -7,165E+02                       | 5,081E+02   |
| 4                      | 1,100E+01   | 1,400E+01   | 3,770E+02   | 4,713E+03 | 5,891E+04  | 6,436E+03 | 1,202E+01 | 7,112E+00 | -1,436E-01 | 2,782E-01  | 4,429E-01  | 6,096E-01  | 1,667E-01 | 1,073E+03 | -6,957E+02                       | 4,512E+02   |
| 5                      | 1,400E+01   | 1,700E+01   | 9,180E+02   | 1,423E+04 | 2,205E+05  | 6,436E+03 | 1,202E+01 | 7,112E+00 | 2,782E-01  | 7,000E-01  | 6,096E-01  | 7,580E-01  | 1,485E-01 | 9,556E+02 | -3,756E+01                       | 1,476E+00   |
| 6                      | 1,700E+01   | 2,000E+01   | 1,600E+03   | 2,960E+04 | 5,476E+05  | 6,436E+03 | 1,202E+01 | 7,112E+00 | 7,000E-01  | 1,122E+00  | 7,580E-01  | 8,690E-01  | 1,110E-01 | 7,143E+02 | 8,857E+02                        | 1,098E+03   |
| 7                      | 2,000E+01   | 2,300E+01   | 3,260E+02   | 7,009E+03 | 1,507E+05  | 6,436E+03 | 1,202E+01 | 7,112E+00 | 1,122E+00  | 1,544E+00  | 8,690E-01  | 9,387E-01  | 6,963E-02 | 4,481E+02 | -1,221E+02                       | 3,329E+01   |
| 8                      | 2,300E+01   | 2,600E+01   | 9,700E+01   | 2,377E+03 | 5,822E+04  | 6,436E+03 | 1,202E+01 | 7,112E+00 | 1,544E+00  | 1,965E+00  | 9,387E-01  | 9,753E-01  | 3,666E-02 | 2,359E+02 | -1,389E+02                       | 8,181E+01   |
| 9                      | 2,600E+01   | 2,900E+01   | 2,600E+01   | 7,150E+02 | 1,966E+04  | 6,436E+03 | 1,202E+01 | 7,112E+00 | 1,965E+00  | 2,387E+00  | 9,753E-01  | 9,915E-01  | 1,619E-02 | 1,042E+02 | -7,822E+01                       | 5,871E+01   |
| 10                     | 2,900E+01   | 3,200E+01   | 0,000E+00   | 0,000E+00 | 0,000E+00  | 6,436E+03 | 1,202E+01 | 7,112E+00 | 2,387E+00  | 2,809E+00  | 9,915E-01  | 9,975E-01  | 6,003E-03 | 3,863E+01 | -3,863E+01                       | 3,863E+01   |
| 11                     | 3,200E+01   | 3,500E+01   | 0,000E+00   | 0,000E+00 | 0,000E+00  | 6,436E+03 | 1,202E+01 | 7,112E+00 | 2,809E+00  | 3,231E+00  | 9,975E-01  | 9,994E-01  | 1,867E-03 | 1,202E+01 | -1,202E+01                       | 1,202E+01   |
| 12                     | 3,500E+01   | 3,800E+01   | 7,400E+01   | 2,701E+03 | 9,859E+04  | 6,436E+03 | 1,202E+01 | 7,112E+00 | 3,231E+00  | 3,653E+00  | 9,994E-01  | 9,999E-01  | 4,873E-04 | 3,136E+00 | 7,086E+01                        | 1,601E+03   |
| 13                     | 3,800E+01   | 4,100E+01   | 0,000E+00   | 0,000E+00 | 0,000E+00  | 6,436E+03 | 1,202E+01 | 7,112E+00 | 3,653E+00  | 4,075E+00  | 9,999E-01  | 1,000E+00  | 1,067E-04 | 6,868E-01 | -6,868E-01                       | 6,868E-01   |
| 14                     | 4,100E+01   | 4,400E+01   | 0,000E+00   | 0,000E+00 | 0,000E+00  | 6,436E+03 | 1,202E+01 | 7,112E+00 | 4,075E+00  | 4,496E+00  | 1,000E+00  | 1,000E+00  | 1,961E-05 | 1,262E-01 | -1,262E-01                       | 1,262E-01   |
| 15                     | 4,400E+01   | 4,700E+01   | 0,000E+00   | 0,000E+00 | 0,000E+00  | 6,436E+03 | 1,202E+01 | 7,112E+00 | 4,496E+00  | 4,918E+00  | 1,000E+00  | 1,000E+00  | 3,022E-06 | 1,945E-02 | -1,945E-02                       | 1,945E-02   |
| 16                     | 4,700E+01   | 5,000E+01   | 0,000E+00   | 0,000E+00 | 0,000E+00  | 6,436E+03 | 1,202E+01 | 7,112E+00 | 4,918E+00  | 5,340E+00  | 1,000E+00  | ---        | 4,375E-07 | 2,816E-03 | -2,816E-03                       | 2,816E-03   |
| =====                  |             |             |             |           |            |           |           |           |            |            |            |            |           |           |                                  |             |
| 017 - numero_bytes_II  |             |             |             |           |            |           |           |           |            |            |            |            |           |           |                                  |             |
| =====                  |             |             |             |           |            |           |           |           |            |            |            |            |           |           |                                  |             |
| Mínimo .....           | 5,719E+05   |             |             |           |            |           |           |           |            |            |            |            |           |           |                                  |             |
| Máximo .....           | 1,454E+08   |             |             |           |            |           |           |           |            |            |            |            |           |           |                                  |             |
| Amplitude .....        | 9,658E+06   |             |             |           |            |           |           |           |            |            |            |            |           |           |                                  |             |
| Analise .....          | S           |             |             |           |            |           |           |           |            |            |            |            |           |           |                                  |             |
| Soma SQL .....         | 5,999E+09   |             |             |           |            |           |           |           |            |            |            |            |           |           |                                  |             |
| Soma Linha (N) ..      | 5,999E+09   |             |             |           |            |           |           |           |            |            |            |            |           |           |                                  |             |
| Média amostral ..      | 3,407E+07   |             |             |           |            |           |           |           |            |            |            |            |           |           |                                  |             |
| Somatória fi * Pm      | 2,044E+17   |             |             |           |            |           |           |           |            |            |            |            |           |           |                                  |             |
| Somatória fi * Pm      | 1,575E+25   |             |             |           |            |           |           |           |            |            |            |            |           |           |                                  |             |
| Somatória fi * Pm      | 3,407E+07   |             |             |           |            |           |           |           |            |            |            |            |           |           |                                  |             |
| Desvio padrão amc      | 3,827E+07   |             |             |           |            |           |           |           |            |            |            |            |           |           |                                  |             |
|                        |             |             |             |           |            |           |           |           |            |            |            |            |           |           | Valor para teste de qui-quadrado | 6,557E+09   |
| =====                  |             |             |             |           |            |           |           |           |            |            |            |            |           |           |                                  |             |
| Num                    | De (aberto) | Até (fechad | Ocorrências | Fi * Pmi  | Fi * Pmi*2 | N         | Média     | Desvio    | z lim.inf. | z lim.sup. | Norm.z inf | Norm.z sup | Prob      | Esperado  | Obs - Esp                        | (O - e)^2/e |
| 1                      | 0,000E+00   | 9,944E+06   | 1,615E+09   | 8,028E+15 | 3,991E+22  | 5,999E+09 | 3,407E+07 | 3,827E+07 | -8,901E-01 | -6,303E-01 | ---        | 2,642E-01  | 2,642E-01 | 1,585E+09 | 2,936E+07                        | 5,438E+05   |
| 2                      | 9,944E+06   | 1,960E+07   | 1,809E+09   | 2,672E+16 | 3,947E+23  | 5,999E+09 | 3,407E+07 | 3,827E+07 | -6,303E-01 | -3,780E-01 | 2,642E-01  | 3,527E-01  | 8,848E-02 | 5,308E+08 | 1,278E+09                        | 3,076E+09   |
| 3                      | 1,960E+07   | 2,926E+07   | 6,946E+08   | 1,697E+16 | 4,146E+23  | 5,999E+09 | 3,407E+07 | 3,827E+07 | -3,780E-01 | -1,256E-01 | 3,527E-01  | 4,500E-01  | 9,728E-02 | 5,836E+08 | 1,110E+08                        | 2,111E+07   |
| 4                      | 2,926E+07   | 3,892E+07   | 3,193E+08   | 1,088E+16 | 3,710E+23  | 5,999E+09 | 3,407E+07 | 3,827E+07 | -1,256E-01 | 1,267E-01  | 4,500E-01  | 5,504E-01  | 1,004E-01 | 6,023E+08 | -2,831E+08                       | 1,330E+08   |
| 5                      | 3,892E+07   | 4,857E+07   | 2,205E+08   | 9,646E+15 | 4,220E+23  | 5,999E+09 | 3,407E+07 | 3,827E+07 | 1,267E-01  | 3,790E-01  | 5,504E-01  | 6,477E-01  | 9,726E-02 | 5,835E+08 | -2,630E+08                       | 2,258E+08   |
| 6                      | 4,857E+07   | 5,823E+07   | 1,586E+08   | 8,468E+15 | 4,522E+23  | 5,999E+09 | 3,407E+07 | 3,827E+07 | 3,790E-01  | 6,313E-01  | 6,477E-01  | 7,361E-01  | 8,843E-02 | 5,305E+08 | -3,720E+08                       | 2,608E+08   |
| 7                      | 5,823E+07   | 6,789E+07   | 0,000E+00   | 0,000E+00 | 0,000E+00  | 5,999E+09 | 3,407E+07 | 3,827E+07 | 6,313E-01  | 8,837E-01  | 7,361E-01  | 8,116E-01  | 7,547E-02 | 4,528E+08 | -4,528E+08                       | 4,528E+08   |
| 8                      | 6,789E+07   | 7,755E+07   | 2,175E+08   | 1,581E+16 | 1,150E+24  | 5,999E+09 | 3,407E+07 | 3,827E+07 | 8,837E-01  | 1,136E+00  | 8,116E-01  | 8,720E-01  | 6,046E-02 | 3,627E+08 | -1,452E+08                       | 5,815E+07   |
| 9                      | 7,755E+07   | 8,720E+07   | 8,559E+07   | 7,050E+15 | 5,808E+23  | 5,999E+09 | 3,407E+07 | 3,827E+07 | 1,136E+00  | 1,388E+00  | 8,720E-01  | 9,175E-01  | 4,546E-02 | 2,727E+08 | -1,871E+08                       | 1,284E+08   |
| 10                     | 8,720E+07   | 9,686E+07   | 2,786E+08   | 2,565E+16 | 2,360E+24  | 5,999E+09 | 3,407E+07 | 3,827E+07 | 1,388E+00  | 1,641E+00  | 9,175E-01  | 9,496E-01  | 3,208E-02 | 1,925E+08 | 8,616E+07                        | 3,857E+07   |
| 11                     | 9,686E+07   | 1,065E+08   | 1,034E+08   | 1,052E+16 | 1,070E+24  | 5,999E+09 | 3,407E+07 | 3,827E+07 | 1,641E+00  | 1,893E+00  | 9,496E-01  | 9,708E-01  | 2,125E-02 | 1,275E+08 | -2,407E+07                       | 4,542E+06   |
| 12                     | 1,065E+08   | 1,162E+08   | 1,086E+08   | 1,209E+16 | 1,347E+24  | 5,999E+09 | 3,407E+07 | 3,827E+07 | 1,893E+00  | 2,145E+00  | 9,708E-01  | 9,840E-01  | 1,322E-02 | 7,929E+07 | -7,929E+07                       | 1,085E+07   |
| 13                     | 1,162E+08   | 1,258E+08   | 1,181E+08   | 1,429E+16 | 1,729E+24  | 5,999E+09 | 3,407E+07 | 3,827E+07 | 2,145E+00  | 2,398E+00  | 9,840E-01  | 9,917E-01  | 7,713E-03 | 4,628E+07 | 7,179E+07                        | 1,114E+08   |
| 14                     | 1,258E+08   | 1,355E+08   | 1,259E+08   | 1,645E+16 | 2,150E+24  | 5,999E+09 | 3,407E+07 | 3,827E+07 | 2,398E+00  | 2,650E+00  | 9,917E-01  | 9,960E-01  | 4,225E-03 | 2,535E+07 | 1,006E+08                        | 3,988E+08   |
| 15                     | 1,355E+08   | 1,452E+08   | 0,000E+00   | 0,000E+00 | 0,000E+00  | 5,999E+09 | 3,407E+07 | 3,827E+07 | 2,650E+00  | 2,902E+00  | 9,960E-01  | 9,981E-01  | 2,173E-03 | 1,303E+07 | -1,303E+07                       | 1,303E+07   |
| 16                     | 1,452E+08   | 1,548E+08   | 1,454E+08   | 2,181E+16 | 3,271E+24  | 5,999E+09 | 3,407E+07 | 3,827E+07 | 2,902E+00  | 3,155E+00  | 9,981E-01  | ---        | 1,852E-03 | 1,111E+07 | 1,343E+08                        | 1,624E+09   |
| =====                  |             |             |             |           |            |           |           |           |            |            |            |            |           |           |                                  |             |



| =====                 |             |              |             |           |            |           |           |           |            |            |            |            |           |           |                                  |             |
|-----------------------|-------------|--------------|-------------|-----------|------------|-----------|-----------|-----------|------------|------------|------------|------------|-----------|-----------|----------------------------------|-------------|
| 018 - numero_bytes_IE |             |              |             |           |            |           |           |           |            |            |            |            |           |           |                                  |             |
| =====                 |             |              |             |           |            |           |           |           |            |            |            |            |           |           |                                  |             |
| Mínimo .....          | 2,418E+04   |              |             |           |            |           |           |           |            |            |            |            |           |           |                                  |             |
| Máximo .....          | 2,006E+07   |              |             |           |            |           |           |           |            |            |            |            |           |           |                                  |             |
| Amplitude .....       | 1,336E+06   |              |             |           |            |           |           |           |            |            |            |            |           |           |                                  |             |
| Analise .....         | S           |              |             |           |            |           |           |           |            |            |            |            |           |           |                                  |             |
| Soma SQL .....        | 1,804E+09   |              |             |           |            |           |           |           |            |            |            |            |           |           |                                  |             |
| Soma Linha (N) ..     | 1,804E+09   |              |             |           |            |           |           |           |            |            |            |            |           |           |                                  |             |
| Média amostral ..     | 4,870E+06   |              |             |           |            |           |           |           |            |            |            |            |           |           |                                  |             |
| Somatória fi * Pm     | 8,786E+15   |              |             |           |            |           |           |           |            |            |            |            |           |           |                                  |             |
| Somatória fi * Pm     | 7,244E+22   |              |             |           |            |           |           |           |            |            |            |            |           |           |                                  |             |
| Somatória fi * Pm     | 4,870E+06   |              |             |           |            |           |           |           |            |            |            |            |           |           |                                  |             |
| Desvio padrão amc     | 4,054E+06   |              |             |           |            |           |           |           |            |            |            |            |           |           |                                  |             |
|                       |             |              |             |           |            |           |           |           |            |            |            |            |           |           | Valor para teste de qui-quadrado | 3,425E+09   |
| =====                 |             |              |             |           |            |           |           |           |            |            |            |            |           |           |                                  |             |
| Num                   | De (aberto) | Até (fechad) | Ocorrências | Fi * Pmi  | Fi * Pmi^2 | N         | Média     | Desvio    | z lim.inf. | z lim.sup. | Norm.z inf | Norm.z sup | Prob      | Esperado  | Obs - Esp                        | (O - e)^2/e |
| 1                     | 0,000E+00   | 1,348E+06    | 2,378E+08   | 1,603E+14 | 1,081E+20  | 1,804E+09 | 4,870E+06 | 4,054E+06 | -1,201E+00 | -8,687E-01 | ---        | 1,925E-01  | 1,925E-01 | 3,473E+08 | -1,094E+08                       | 3,449E+07   |
| 2                     | 1,348E+06   | 2,684E+06    | 5,087E+08   | 1,026E+15 | 2,066E+21  | 1,804E+09 | 4,870E+06 | 4,054E+06 | -8,687E-01 | -5,392E-01 | 1,925E-01  | 2,949E-01  | 1,024E-01 | 1,847E+08 | 3,240E+08                        | 5,682E+08   |
| 3                     | 2,684E+06   | 4,020E+06    | 2,347E+08   | 7,867E+14 | 2,637E+21  | 1,804E+09 | 4,870E+06 | 4,054E+06 | -5,392E-01 | -2,096E-01 | 2,949E-01  | 4,170E-01  | 1,221E-01 | 2,203E+08 | 1,438E+07                        | 9,388E+05   |
| 4                     | 4,020E+06   | 5,356E+06    | 1,785E+08   | 8,370E+14 | 3,924E+21  | 1,804E+09 | 4,870E+06 | 4,054E+06 | -2,096E-01 | 1,199E-01  | 4,170E-01  | 5,477E-01  | 1,308E-01 | 2,359E+08 | -5,736E+07                       | 1,395E+07   |
| 5                     | 5,356E+06   | 6,692E+06    | 1,698E+08   | 1,023E+15 | 6,161E+21  | 1,804E+09 | 4,870E+06 | 4,054E+06 | 1,199E-01  | 4,495E-01  | 5,477E-01  | 6,735E-01  | 1,257E-01 | 2,268E+08 | -5,707E+07                       | 1,436E+07   |
| 6                     | 6,692E+06   | 8,028E+06    | 1,074E+08   | 7,903E+14 | 5,816E+21  | 1,804E+09 | 4,870E+06 | 4,054E+06 | 4,495E-01  | 7,791E-01  | 6,735E-01  | 7,820E-01  | 1,086E-01 | 1,959E+08 | -8,850E+07                       | 3,998E+07   |
| 7                     | 8,028E+06   | 9,364E+06    | 1,484E+08   | 1,290E+15 | 1,122E+22  | 1,804E+09 | 4,870E+06 | 4,054E+06 | 7,791E-01  | 1,109E+00  | 7,820E-01  | 8,662E-01  | 8,417E-02 | 1,519E+08 | -3,499E+06                       | 8,064E+04   |
| 8                     | 9,364E+06   | 1,070E+07    | 7,912E+07   | 7,938E+14 | 7,963E+21  | 1,804E+09 | 4,870E+06 | 4,054E+06 | 1,109E+00  | 1,438E+00  | 8,662E-01  | 9,248E-01  | 5,860E-02 | 1,057E+08 | -2,661E+07                       | 6,696E+06   |
| 9                     | 1,070E+07   | 1,204E+07    | 4,526E+07   | 5,145E+14 | 5,849E+21  | 1,804E+09 | 4,870E+06 | 4,054E+06 | 1,438E+00  | 1,768E+00  | 9,248E-01  | 9,615E-01  | 3,664E-02 | 6,610E+07 | -2,084E+07                       | 6,570E+06   |
| 10                    | 1,204E+07   | 1,337E+07    | 2,481E+07   | 3,152E+14 | 4,005E+21  | 1,804E+09 | 4,870E+06 | 4,054E+06 | 1,768E+00  | 2,097E+00  | 9,615E-01  | 9,820E-01  | 2,057E-02 | 3,711E+07 | -1,230E+07                       | 4,074E+06   |
| 11                    | 1,337E+07   | 1,471E+07    | 0,000E+00   | 0,000E+00 | 0,000E+00  | 1,804E+09 | 4,870E+06 | 4,054E+06 | 2,097E+00  | 2,427E+00  | 9,820E-01  | 9,924E-01  | 1,037E-02 | 1,871E+07 | -1,871E+07                       | 1,871E+07   |
| 12                    | 1,471E+07   | 1,604E+07    | 1,476E+07   | 2,269E+14 | 3,489E+21  | 1,804E+09 | 4,870E+06 | 4,054E+06 | 2,427E+00  | 2,756E+00  | 9,924E-01  | 9,971E-01  | 4,693E-03 | 8,466E+06 | 6,293E+06                        | 4,677E+06   |
| 13                    | 1,604E+07   | 1,738E+07    | 1,679E+07   | 2,806E+14 | 4,690E+21  | 1,804E+09 | 4,870E+06 | 4,054E+06 | 2,756E+00  | 3,086E+00  | 9,971E-01  | 9,990E-01  | 1,907E-03 | 3,441E+06 | 1,335E+07                        | 5,180E+07   |
| 14                    | 1,738E+07   | 1,872E+07    | 1,809E+07   | 3,264E+14 | 5,891E+21  | 1,804E+09 | 4,870E+06 | 4,054E+06 | 3,086E+00  | 3,416E+00  | 9,990E-01  | 9,997E-01  | 6,961E-04 | 1,256E+06 | 1,683E+07                        | 2,256E+08   |
| 15                    | 1,872E+07   | 2,005E+07    | 0,000E+00   | 0,000E+00 | 0,000E+00  | 1,804E+09 | 4,870E+06 | 4,054E+06 | 3,416E+00  | 3,745E+00  | 9,997E-01  | 9,999E-01  | 2,281E-04 | 4,115E+05 | -4,115E+05                       | 4,115E+05   |
| 16                    | 2,005E+07   | 2,139E+07    | 2,006E+07   | 4,157E+14 | 8,614E+21  | 1,804E+09 | 4,870E+06 | 4,054E+06 | 3,745E+00  | 4,075E+00  | 9,999E-01  | ---        | 9,017E-05 | 1,627E+05 | 1,990E+07                        | 2,435E+09   |
| =====                 |             |              |             |           |            |           |           |           |            |            |            |            |           |           |                                  |             |
| 019 - numero_bytes_EI |             |              |             |           |            |           |           |           |            |            |            |            |           |           |                                  |             |
| =====                 |             |              |             |           |            |           |           |           |            |            |            |            |           |           |                                  |             |
| Mínimo .....          | 5,130E+02   |              |             |           |            |           |           |           |            |            |            |            |           |           |                                  |             |
| Máximo .....          | 4,978E+06   |              |             |           |            |           |           |           |            |            |            |            |           |           |                                  |             |
| Amplitude .....       | 3,319E+05   |              |             |           |            |           |           |           |            |            |            |            |           |           |                                  |             |
| Analise .....         | S           |              |             |           |            |           |           |           |            |            |            |            |           |           |                                  |             |
| Soma SQL .....        | 4,318E+08   |              |             |           |            |           |           |           |            |            |            |            |           |           |                                  |             |
| Soma Linha (N) ..     | 4,318E+08   |              |             |           |            |           |           |           |            |            |            |            |           |           |                                  |             |
| Média amostral ..     | 1,736E+06   |              |             |           |            |           |           |           |            |            |            |            |           |           |                                  |             |
| Somatória fi * Pm     | 7,495E+14   |              |             |           |            |           |           |           |            |            |            |            |           |           |                                  |             |
| Somatória fi * Pm     | 1,921E+21   |              |             |           |            |           |           |           |            |            |            |            |           |           |                                  |             |
| Somatória fi * Pm     | 1,736E+06   |              |             |           |            |           |           |           |            |            |            |            |           |           |                                  |             |
| Desvio padrão amc     | 1,199E+06   |              |             |           |            |           |           |           |            |            |            |            |           |           |                                  |             |
|                       |             |              |             |           |            |           |           |           |            |            |            |            |           |           | Valor para teste de qui-quadrado | 9,947E+07   |
| =====                 |             |              |             |           |            |           |           |           |            |            |            |            |           |           |                                  |             |
| Num                   | De (aberto) | Até (fechad) | Ocorrências | Fi * Pmi  | Fi * Pmi^2 | N         | Média     | Desvio    | z lim.inf. | z lim.sup. | Norm.z inf | Norm.z sup | Prob      | Esperado  | Obs - Esp                        | (O - e)^2/e |
| 1                     | 0,000E+00   | 3,321E+05    | 3,444E+07   | 5,720E+12 | 9,498E+17  | 4,318E+08 | 1,736E+06 | 1,199E+06 | -2,448E+00 | -1,171E+00 | ---        | 1,207E-01  | 1,207E-01 | 5,214E+07 | -1,769E+07                       | 6,005E+06   |
| 2                     | 3,321E+05   | 6,640E+05    | 6,070E+07   | 3,023E+13 | 1,506E+19  | 4,318E+08 | 1,736E+06 | 1,199E+06 | -1,171E+00 | -8,944E-01 | 1,207E-01  | 1,856E-01  | 6,482E-02 | 2,799E+07 | 3,271E+07                        | 3,823E+07   |
| 3                     | 6,640E+05   | 9,958E+05    | 3,575E+07   | 2,967E+13 | 2,462E+19  | 4,318E+08 | 1,736E+06 | 1,199E+06 | -8,944E-01 | -6,175E-01 | 1,856E-01  | 2,685E-01  | 8,290E-02 | 3,579E+07 | -4,226E+04                       | 4,989E+01   |
| 4                     | 9,958E+05   | 1,328E+06    | 6,179E+07   | 7,179E+13 | 8,340E+19  | 4,318E+08 | 1,736E+06 | 1,199E+06 | -6,175E-01 | -3,406E-01 | 2,685E-01  | 3,667E-01  | 9,825E-02 | 4,242E+07 | 1,937E+07                        | 8,846E+06   |
| 5                     | 1,328E+06   | 1,660E+06    | 4,359E+07   | 6,511E+13 | 9,725E+19  | 4,318E+08 | 1,736E+06 | 1,199E+06 | -3,406E-01 | -6,369E-02 | 3,667E-01  | 4,746E-01  | 1,079E-01 | 4,659E+07 | -2,996E+06                       | 1,927E+05   |
| 6                     | 1,660E+06   | 1,991E+06    | 5,727E+07   | 1,045E+14 | 1,908E+20  | 4,318E+08 | 1,736E+06 | 1,199E+06 | -6,369E-02 | 2,132E-01  | 4,746E-01  | 5,844E-01  | 1,098E-01 | 4,741E+07 | 9,858E+06                        | 2,049E+06   |
| 7                     | 1,991E+06   | 2,323E+06    | 2,147E+07   | 4,632E+13 | 9,993E+19  | 4,318E+08 | 1,736E+06 | 1,199E+06 | 2,132E-01  | 4,901E-01  | 5,844E-01  | 6,880E-01  | 1,036E-01 | 4,471E+07 | -2,324E+07                       | 1,208E+07   |
| 8                     | 2,323E+06   | 2,655E+06    | 2,260E+07   | 5,626E+13 | 1,400E+20  | 4,318E+08 | 1,736E+06 | 1,199E+06 | 4,901E-01  | 7,670E-01  | 6,880E-01  | 7,785E-01  | 9,049E-02 | 3,907E+07 | -1,647E+07                       | 6,943E+06   |
| 9                     | 2,655E+06   | 2,987E+06    | 1,948E+07   | 5,495E+13 | 1,550E+20  | 4,318E+08 | 1,736E+06 | 1,199E+06 | 7,670E-01  | 1,044E+00  | 7,785E-01  | 8,517E-01  | 7,327E-02 | 3,164E+07 | -1,216E+07                       | 4,673E+06   |
| 10                    | 2,987E+06   | 3,319E+06    | 1,922E+07   | 6,061E+13 | 1,911E+20  | 4,318E+08 | 1,736E+06 | 1,199E+06 | 1,044E+00  | 1,321E+00  | 8,517E-01  | 9,067E-01  | 5,498E-02 | 2,374E+07 | -4,517E+06                       | 8,593E+05   |
| 11                    | 3,319E+06   | 3,651E+06    | 1,743E+07   | 6,074E+13 | 2,117E+20  | 4,318E+08 | 1,736E+06 | 1,199E+06 | 1,321E+00  | 1,598E+00  | 9,067E-01  | 9,449E-01  | 3,823E-02 | 1,651E+07 | 9,238E+05                        | 5,170E+04   |
| 12                    | 3,651E+06   | 3,983E+06    | 1,133E+07   | 4,325E+13 | 1,651E+20  | 4,318E+08 | 1,736E+06 | 1,199E+06 | 1,598E+00  | 1,875E+00  | 9,449E-01  | 9,696E-01  | 2,463E-02 | 1,064E+07 | 6,965E+05                        | 4,562E+04   |
| 13                    | 3,983E+06   | 4,314E+06    | 1,258E+07   | 5,221E+13 | 2,166E+20  | 4,318E+08 | 1,736E+06 | 1,199E+06 | 1,875E+00  | 2,151E+00  | 9,696E-01  | 9,843E-01  | 1,471E-02 | 6,350E+06 | 6,234E+06                        | 6,120E+06   |
| 14                    | 4,314E+06   | 4,646E+06    | 4,390E+06   | 1,967E+13 | 8,813E+19  | 4,318E+08 | 1,736E+06 | 1,199E+06 | 2,151E+00  | 2,428E+00  | 9,843E-01  | 9,924E-01  | 8,137E-03 | 3,513E+06 | 8,770E+05                        | 2,899E+05   |
| 15                    | 4,646E+06   | 4,978E+06    | 4,747E+06   | 2,284E+13 | 1,099E+20  | 4,318E+08 | 1,736E+06 | 1,199E+06 | 2,428E+00  | 2,705E+00  | 9,924E-01  | 9,966E-01  | 4,171E-03 | 1,801E+06 | 2,946E+06                        | 4,818E+06   |
| 16                    | 4,978E+06   | 5,310E+06    | 4,978E+06   | 2,561E+13 | 1,317E+20  | 4,318E+08 | 1,736E+06 | 1,199E+06 | 2,705E+00  | 2,982E+00  | 9,966E-01  | ---        | 3,413E-03 | 1,474E+06 | 3,505E+06                        | 8,335E+06   |
| =====                 |             |              |             |           |            |           |           |           |            |            |            |            |           |           |                                  |             |

| =====                   |             |             |             |           |            |           |           |           |            |            |            |            |           |           |                                  |             |
|-------------------------|-------------|-------------|-------------|-----------|------------|-----------|-----------|-----------|------------|------------|------------|------------|-----------|-----------|----------------------------------|-------------|
| 020 - numero_bytes_EE   |             |             |             |           |            |           |           |           |            |            |            |            |           |           |                                  |             |
| =====                   |             |             |             |           |            |           |           |           |            |            |            |            |           |           |                                  |             |
| Mínimo .....            | 2,015E+03   |             |             |           |            |           |           |           |            |            |            |            |           |           |                                  |             |
| Máximo .....            | 8,357E+05   |             |             |           |            |           |           |           |            |            |            |            |           |           |                                  |             |
| Amplitude .....         | 5,558E+04   |             |             |           |            |           |           |           |            |            |            |            |           |           |                                  |             |
| Analise .....           | S           |             |             |           |            |           |           |           |            |            |            |            |           |           |                                  |             |
| Soma SQL .....          | 9,236E+06   |             |             |           |            |           |           |           |            |            |            |            |           |           |                                  |             |
| Soma Linha (N) ..       | 9,236E+06   |             |             |           |            |           |           |           |            |            |            |            |           |           |                                  |             |
| Média amostral ..       | 2,954E+05   |             |             |           |            |           |           |           |            |            |            |            |           |           |                                  |             |
| Somatória fi * Pm       | 2,728E+12   |             |             |           |            |           |           |           |            |            |            |            |           |           |                                  |             |
| Somatória fi * Pm       | 1,706E+18   |             |             |           |            |           |           |           |            |            |            |            |           |           |                                  |             |
| Somatória fi * Pm       | 2,954E+05   |             |             |           |            |           |           |           |            |            |            |            |           |           |                                  |             |
| Desvio padrão amc       | 3,122E+05   |             |             |           |            |           |           |           |            |            |            |            |           |           |                                  |             |
|                         |             |             |             |           |            |           |           |           |            |            |            |            |           |           | Valor para teste de qui-quadrado | 1,052E+07   |
| =====                   |             |             |             |           |            |           |           |           |            |            |            |            |           |           |                                  |             |
| Num                     | De (aberto) | Até (fechad | Ocorrências | Fi * Pmi  | Fi * Pmi*2 | N         | Média     | Desvio    | z lim.inf. | z lim.sup. | Norm.z inf | Norm.z sup | Prob      | Esperado  | Obs - Esp                        | (O - e)^2/e |
| 1                       | 0,000E+00   | 5,659E+04   | 3,131E+06   | 8,858E+10 | 2,506E+15  | 9,236E+06 | 2,954E+05 | 3,122E+05 | -9,462E-01 | -7,649E-01 | ---        | 2,222E-01  | 2,222E-01 | 2,052E+06 | 1,079E+06                        | 5,672E+05   |
| 2                       | 5,659E+04   | 1,122E+05   | 6,770E+05   | 5,712E+10 | 4,820E+15  | 9,236E+06 | 2,954E+05 | 3,122E+05 | -7,649E-01 | -5,869E-01 | 2,222E-01  | 2,786E-01  | 5,648E-02 | 5,216E+05 | 1,553E+05                        | 4,626E+04   |
| 3                       | 1,122E+05   | 1,677E+05   | 2,919E+05   | 4,085E+10 | 5,717E+15  | 9,236E+06 | 2,954E+05 | 3,122E+05 | -5,869E-01 | -4,089E-01 | 2,786E-01  | 3,413E-01  | 6,268E-02 | 5,789E+05 | -2,870E+05                       | 1,423E+05   |
| 4                       | 1,677E+05   | 2,233E+05   | 1,657E+06   | 3,239E+11 | 6,334E+16  | 9,236E+06 | 2,954E+05 | 3,122E+05 | -4,089E-01 | -2,309E-01 | 3,413E-01  | 4,087E-01  | 6,740E-02 | 6,225E+05 | 1,034E+06                        | 1,718E+06   |
| 5                       | 2,233E+05   | 2,789E+05   | 7,550E+05   | 1,896E+11 | 4,761E+16  | 9,236E+06 | 2,954E+05 | 3,122E+05 | -2,309E-01 | -5,285E-02 | 4,087E-01  | 4,789E-01  | 7,022E-02 | 6,486E+05 | 1,064E+05                        | 1,746E+04   |
| 6                       | 2,789E+05   | 3,345E+05   | 0,000E+00   | 0,000E+00 | 0,000E+00  | 9,236E+06 | 2,954E+05 | 3,122E+05 | -5,285E-02 | 1,252E-01  | 4,789E-01  | 5,498E-01  | 7,088E-02 | 6,547E+05 | -6,547E+05                       | 6,547E+05   |
| 7                       | 3,345E+05   | 3,901E+05   | 0,000E+00   | 0,000E+00 | 0,000E+00  | 9,236E+06 | 2,954E+05 | 3,122E+05 | 1,252E-01  | 3,032E-01  | 5,498E-01  | 6,191E-01  | 6,932E-02 | 6,403E+05 | -6,403E+05                       | 6,403E+05   |
| 8                       | 3,901E+05   | 4,456E+05   | 3,941E+05   | 1,647E+11 | 6,881E+16  | 9,236E+06 | 2,954E+05 | 3,122E+05 | 3,032E-01  | 4,812E-01  | 6,191E-01  | 6,848E-01  | 6,569E-02 | 6,067E+05 | -2,126E+05                       | 7,450E+04   |
| 9                       | 4,456E+05   | 5,012E+05   | 0,000E+00   | 0,000E+00 | 0,000E+00  | 9,236E+06 | 2,954E+05 | 3,122E+05 | 4,812E-01  | 6,592E-01  | 6,848E-01  | 7,451E-01  | 6,031E-02 | 5,570E+05 | -5,570E+05                       | 5,570E+05   |
| 10                      | 5,012E+05   | 5,568E+05   | 0,000E+00   | 0,000E+00 | 0,000E+00  | 9,236E+06 | 2,954E+05 | 3,122E+05 | 6,592E-01  | 8,373E-01  | 7,451E-01  | 7,988E-01  | 5,365E-02 | 4,955E+05 | -4,955E+05                       | 4,955E+05   |
| 11                      | 5,568E+05   | 6,124E+05   | 0,000E+00   | 0,000E+00 | 0,000E+00  | 9,236E+06 | 2,954E+05 | 3,122E+05 | 8,373E-01  | 1,015E+00  | 7,988E-01  | 8,450E-01  | 4,624E-02 | 4,271E+05 | -4,271E+05                       | 4,271E+05   |
| 12                      | 6,124E+05   | 6,679E+05   | 6,601E+05   | 4,226E+11 | 2,705E+17  | 9,236E+06 | 2,954E+05 | 3,122E+05 | 1,015E+00  | 1,193E+00  | 8,450E-01  | 8,836E-01  | 3,861E-02 | 3,566E+05 | 3,035E+05                        | 2,582E+05   |
| 13                      | 6,679E+05   | 7,235E+05   | 0,000E+00   | 0,000E+00 | 0,000E+00  | 9,236E+06 | 2,954E+05 | 3,122E+05 | 1,193E+00  | 1,371E+00  | 8,836E-01  | 9,149E-01  | 3,124E-02 | 2,885E+05 | -2,885E+05                       | 2,885E+05   |
| 14                      | 7,235E+05   | 7,791E+05   | 0,000E+00   | 0,000E+00 | 0,000E+00  | 9,236E+06 | 2,954E+05 | 3,122E+05 | 1,371E+00  | 1,549E+00  | 9,149E-01  | 9,394E-01  | 2,449E-02 | 2,262E+05 | -2,262E+05                       | 2,262E+05   |
| 15                      | 7,791E+05   | 8,347E+05   | 0,000E+00   | 0,000E+00 | 0,000E+00  | 9,236E+06 | 2,954E+05 | 3,122E+05 | 1,549E+00  | 1,727E+00  | 9,394E-01  | 9,580E-01  | 1,860E-02 | 1,718E+05 | -1,718E+05                       | 1,718E+05   |
| 16                      | 8,347E+05   | 8,903E+05   | 1,671E+06   | 1,441E+12 | 1,243E+18  | 9,236E+06 | 2,954E+05 | 3,122E+05 | 1,727E+00  | 1,905E+00  | 9,580E-01  | ---        | 4,205E-02 | 3,884E+05 | 1,283E+06                        | 4,235E+06   |
| =====                   |             |             |             |           |            |           |           |           |            |            |            |            |           |           |                                  |             |
| 021 - numero_pacotes_II |             |             |             |           |            |           |           |           |            |            |            |            |           |           |                                  |             |
| =====                   |             |             |             |           |            |           |           |           |            |            |            |            |           |           |                                  |             |
| Mínimo .....            | 4,104E+03   |             |             |           |            |           |           |           |            |            |            |            |           |           |                                  |             |
| Máximo .....            | 1,662E+05   |             |             |           |            |           |           |           |            |            |            |            |           |           |                                  |             |
| Amplitude .....         | 1,081E+04   |             |             |           |            |           |           |           |            |            |            |            |           |           |                                  |             |
| Analise .....           | S           |             |             |           |            |           |           |           |            |            |            |            |           |           |                                  |             |
| Soma SQL .....          | 1,441E+07   |             |             |           |            |           |           |           |            |            |            |            |           |           |                                  |             |
| Soma Linha (N) ..       | 1,441E+07   |             |             |           |            |           |           |           |            |            |            |            |           |           |                                  |             |
| Média amostral ..       | 4,313E+04   |             |             |           |            |           |           |           |            |            |            |            |           |           |                                  |             |
| Somatória fi * Pm       | 6,215E+11   |             |             |           |            |           |           |           |            |            |            |            |           |           |                                  |             |
| Somatória fi * Pm       | 4,568E+16   |             |             |           |            |           |           |           |            |            |            |            |           |           |                                  |             |
| Somatória fi * Pm       | 4,313E+04   |             |             |           |            |           |           |           |            |            |            |            |           |           |                                  |             |
| Desvio padrão amc       | 3,619E+04   |             |             |           |            |           |           |           |            |            |            |            |           |           |                                  |             |
|                         |             |             |             |           |            |           |           |           |            |            |            |            |           |           | Valor para teste de qui-quadrado | 1,129E+07   |
| =====                   |             |             |             |           |            |           |           |           |            |            |            |            |           |           |                                  |             |
| Num                     | De (aberto) | Até (fechad | Ocorrências | Fi * Pmi  | Fi * Pmi*2 | N         | Média     | Desvio    | z lim.inf. | z lim.sup. | Norm.z inf | Norm.z sup | Prob      | Esperado  | Obs - Esp                        | (O - e)^2/e |
| 1                       | 0,000E+00   | 1,286E+04   | 3,375E+06   | 2,170E+10 | 1,395E+14  | 1,441E+07 | 4,313E+04 | 3,619E+04 | -1,191E+00 | -8,362E-01 | ---        | 2,015E-01  | 2,015E-01 | 2,904E+06 | 4,705E+05                        | 7,622E+04   |
| 2                       | 1,286E+04   | 2,367E+04   | 1,947E+06   | 3,555E+10 | 6,493E+14  | 1,441E+07 | 4,313E+04 | 3,619E+04 | -8,362E-01 | -5,376E-01 | 2,015E-01  | 2,954E-01  | 9,391E-02 | 1,353E+06 | 5,931E+05                        | 2,599E+05   |
| 3                       | 2,367E+04   | 3,448E+04   | 1,524E+06   | 4,429E+10 | 1,288E+15  | 1,441E+07 | 4,313E+04 | 3,619E+04 | -5,376E-01 | -2,390E-01 | 2,954E-01  | 4,056E-01  | 1,101E-01 | 1,587E+06 | -6,374E+04                       | 2,560E+03   |
| 4                       | 3,448E+04   | 4,528E+04   | 1,281E+06   | 5,109E+10 | 2,037E+15  | 1,441E+07 | 4,313E+04 | 3,619E+04 | -2,390E-01 | 5,965E-02  | 4,056E-01  | 5,238E-01  | 1,182E-01 | 1,704E+06 | -4,227E+05                       | 1,049E+05   |
| 5                       | 4,528E+04   | 5,609E+04   | 2,809E+06   | 1,424E+11 | 7,218E+15  | 1,441E+07 | 4,313E+04 | 3,619E+04 | 5,965E-02  | 3,583E-01  | 5,238E-01  | 6,399E-01  | 1,161E-01 | 1,674E+06 | 1,135E+06                        | 7,899E+05   |
| 6                       | 5,609E+04   | 6,690E+04   | 8,217E+05   | 5,053E+10 | 3,108E+15  | 1,441E+07 | 4,313E+04 | 3,619E+04 | 3,583E-01  | 6,569E-01  | 6,399E-01  | 7,444E-01  | 1,044E-01 | 1,505E+06 | -6,836E+05                       | 3,104E+05   |
| 7                       | 6,690E+04   | 7,771E+04   | 7,884E+05   | 5,700E+10 | 4,122E+15  | 1,441E+07 | 4,313E+04 | 3,619E+04 | 6,569E-01  | 9,555E-01  | 7,444E-01  | 8,303E-01  | 8,596E-02 | 1,239E+06 | -4,506E+05                       | 1,639E+05   |
| 8                       | 7,771E+04   | 8,852E+04   | 3,323E+05   | 2,762E+10 | 2,295E+15  | 1,441E+07 | 4,313E+04 | 3,619E+04 | 9,555E-01  | 1,254E+00  | 8,303E-01  | 8,951E-01  | 6,476E-02 | 9,334E+05 | -6,011E+05                       | 3,871E+05   |
| 9                       | 8,852E+04   | 9,932E+04   | 3,642E+05   | 3,421E+10 | 3,213E+15  | 1,441E+07 | 4,313E+04 | 3,619E+04 | 1,254E+00  | 1,553E+00  | 8,951E-01  | 9,398E-01  | 4,466E-02 | 6,436E+05 | -2,794E+05                       | 1,213E+05   |
| 10                      | 9,932E+04   | 1,101E+05   | 3,185E+05   | 3,335E+10 | 3,493E+15  | 1,441E+07 | 4,313E+04 | 3,619E+04 | 1,553E+00  | 1,851E+00  | 9,398E-01  | 9,679E-01  | 2,818E-02 | 4,062E+05 | -8,776E+04                       | 1,896E+04   |
| 11                      | 1,101E+05   | 1,209E+05   | 0,000E+00   | 0,000E+00 | 0,000E+00  | 1,441E+07 | 4,313E+04 | 3,619E+04 | 1,851E+00  | 2,150E+00  | 9,679E-01  | 9,842E-01  | 1,628E-02 | 2,347E+05 | -2,347E+05                       | 2,347E+05   |
| 12                      | 1,209E+05   | 1,317E+05   | 0,000E+00   | 0,000E+00 | 0,000E+00  | 1,441E+07 | 4,313E+04 | 3,619E+04 | 2,150E+00  | 2,449E+00  | 9,842E-01  | 9,928E-01  | 1,628E-02 | 1,241E+05 | -1,241E+05                       | 1,241E+05   |
| 13                      | 1,317E+05   | 1,426E+05   | 5,422E+05   | 7,437E+10 | 1,020E+16  | 1,441E+07 | 4,313E+04 | 3,619E+04 | 2,449E+00  | 2,747E+00  | 9,928E-01  | 9,970E-01  | 4,166E-03 | 6,004E+04 | 4,822E+05                        | 3,872E+06   |
| 14                      | 1,426E+05   | 1,534E+05   | 1,436E+05   | 2,125E+10 | 3,144E+15  | 1,441E+07 | 4,313E+04 | 3,619E+04 | 2,747E+00  | 3,046E+00  | 9,970E-01  | 9,988E-01  | 1,184E-03 | 2,660E+04 | 1,170E+05                        | 5,147E+05   |
| 15                      | 1,534E+05   | 1,642E+05   | 0,000E+00   | 0,000E+00 | 0,000E+00  | 1,441E+07 | 4,313E+04 | 3,619E+04 | 3,046E+00  | 3,344E+00  | 9,988E-01  | 9,996E-01  | 7,481E-04 | 1,078E+04 | -1,078E+04                       | 1,078E+04   |
| 16                      | 1,642E+05   | 1,750E+05   | 1,662E+05   | 2,819E+10 | 4,780E+15  | 1,441E+07 | 4,313E+04 | 3,619E+04 | 3,344E+00  | 3,643E+00  | 9,996E-01  | ---        | 4,124E-04 | 5,944E+03 | 1,603E+05                        | 4,322E+06   |
| =====                   |             |             |             |           |            |           |           |           |            |            |            |            |           |           |                                  |             |

| =====                   |             |             |             |           |            |           |           |           |            |            |            |            |           |                                  |            |             |
|-------------------------|-------------|-------------|-------------|-----------|------------|-----------|-----------|-----------|------------|------------|------------|------------|-----------|----------------------------------|------------|-------------|
| 022 - numero_pacotes_IE |             |             |             |           |            |           |           |           |            |            |            |            |           |                                  |            |             |
| =====                   |             |             |             |           |            |           |           |           |            |            |            |            |           |                                  |            |             |
| Mínimo .....            | 3,710E+02   |             |             |           |            |           |           |           |            |            |            |            |           |                                  |            |             |
| Máximo .....            | 3,535E+04   |             |             |           |            |           |           |           |            |            |            |            |           |                                  |            |             |
| Amplitude .....         | 2,333E+03   |             |             |           |            |           |           |           |            |            |            |            |           |                                  |            |             |
| Analise .....           | S           |             |             |           |            |           |           |           |            |            |            |            |           |                                  |            |             |
| Soma SQL .....          | 3,441E+06   |             |             |           |            |           |           |           |            |            |            |            |           |                                  |            |             |
| Soma Linha (N) ..       | 3,441E+06   |             |             |           |            |           |           |           |            |            |            |            |           |                                  |            |             |
| Média amostral ..       | 7,801E+03   |             |             |           |            |           |           |           |            |            |            |            |           |                                  |            |             |
| Somatória fi * Pm       | 2,684E+10   |             |             |           |            |           |           |           |            |            |            |            |           |                                  |            |             |
| Somatória fi * Pm       | 3,734E+14   |             |             |           |            |           |           |           |            |            |            |            |           |                                  |            |             |
| Somatória fi * Pm       | 7,801E+03   |             |             |           |            |           |           |           |            |            |            |            |           |                                  |            |             |
| Desvio padrão amc       | 6,904E+03   |             |             |           |            |           |           |           |            |            |            |            |           | Valor para teste de qui-quadrado | 1,539E+07  |             |
| =====                   |             |             |             |           |            |           |           |           |            |            |            |            |           |                                  |            |             |
| Num                     | De (aberto) | Até (fechad | Ocorrências | Fi * Pmi  | Fi * Pmi*2 | N         | Média     | Desvio    | z lim.inf. | z lim.sup. | Norm.z inf | Norm.z sup | Prob      | Esperado                         | Obs - Esp  | (O - e)^2/e |
| =====                   |             |             |             |           |            |           |           |           |            |            |            |            |           |                                  |            |             |
| 1                       | 0,000E+00   | 2,519E+03   | 4,127E+05   | 5,198E+08 | 6,547E+11  | 3,441E+06 | 7,801E+03 | 6,904E+03 | -1,130E+00 | -7,650E-01 | ---        | 2,221E-01  | 2,221E-01 | 7,643E+05                        | -3,516E+05 | 1,618E+05   |
| 2                       | 2,519E+03   | 4,852E+03   | 1,124E+06   | 4,142E+09 | 1,527E+13  | 3,441E+06 | 7,801E+03 | 6,904E+03 | -7,650E-01 | -4,271E-01 | 2,221E-01  | 3,347E-01  | 1,125E-01 | 3,872E+05                        | 7,367E+05  | 1,402E+06   |
| 3                       | 4,852E+03   | 7,185E+03   | 7,486E+05   | 4,506E+09 | 2,712E+13  | 3,441E+06 | 7,801E+03 | 6,904E+03 | -4,271E-01 | -8,918E-02 | 3,347E-01  | 4,645E-01  | 1,298E-01 | 4,467E+05                        | 3,020E+05  | 2,042E+05   |
| 4                       | 7,185E+03   | 9,518E+03   | 2,457E+05   | 2,052E+09 | 1,713E+13  | 3,441E+06 | 7,801E+03 | 6,904E+03 | -8,918E-02 | 2,487E-01  | 4,645E-01  | 5,982E-01  | 1,337E-01 | 4,602E+05                        | -2,145E+05 | 1,000E+05   |
| 5                       | 9,518E+03   | 1,185E+04   | 2,609E+05   | 2,788E+09 | 2,979E+13  | 3,441E+06 | 7,801E+03 | 6,904E+03 | 2,487E-01  | 5,866E-01  | 5,982E-01  | 7,213E-01  | 1,231E-01 | 4,234E+05                        | -1,625E+05 | 6,237E+04   |
| 6                       | 1,185E+04   | 1,418E+04   | 1,034E+05   | 1,346E+09 | 1,752E+13  | 3,441E+06 | 7,801E+03 | 6,904E+03 | 5,866E-01  | 9,245E-01  | 7,213E-01  | 8,224E-01  | 1,011E-01 | 3,479E+05                        | -2,446E+05 | 1,719E+05   |
| 7                       | 1,418E+04   | 1,652E+04   | 1,671E+05   | 2,565E+09 | 3,938E+13  | 3,441E+06 | 7,801E+03 | 6,904E+03 | 9,245E-01  | 1,262E+00  | 8,224E-01  | 8,966E-01  | 7,421E-02 | 2,553E+05                        | -8,821E+04 | 3,048E+04   |
| 8                       | 1,652E+04   | 1,885E+04   | 1,234E+05   | 2,182E+09 | 3,858E+13  | 3,441E+06 | 7,801E+03 | 6,904E+03 | 1,262E+00  | 1,600E+00  | 8,966E-01  | 9,452E-01  | 4,863E-02 | 1,673E+05                        | -4,397E+04 | 1,155E+04   |
| 9                       | 1,885E+04   | 2,118E+04   | 8,253E+04   | 1,652E+09 | 3,307E+13  | 3,441E+06 | 7,801E+03 | 6,904E+03 | 1,600E+00  | 1,938E+00  | 9,452E-01  | 9,737E-01  | 2,846E-02 | 9,794E+04                        | -1,541E+04 | 2,425E+03   |
| 10                      | 2,118E+04   | 2,352E+04   | 4,598E+04   | 1,028E+09 | 2,297E+13  | 3,441E+06 | 7,801E+03 | 6,904E+03 | 1,938E+00  | 2,276E+00  | 9,737E-01  | 9,886E-01  | 1,488E-02 | 5,119E+04                        | -5,211E+03 | 5,304E+02   |
| 11                      | 2,352E+04   | 2,585E+04   | 0,000E+00   | 0,000E+00 | 0,000E+00  | 3,441E+06 | 7,801E+03 | 6,904E+03 | 2,276E+00  | 2,614E+00  | 9,886E-01  | 9,955E-01  | 6,944E-03 | 2,389E+04                        | -2,389E+04 | 2,389E+04   |
| 12                      | 2,585E+04   | 2,818E+04   | 2,718E+04   | 7,342E+08 | 1,983E+13  | 3,441E+06 | 7,801E+03 | 6,904E+03 | 2,614E+00  | 2,952E+00  | 9,955E-01  | 9,984E-01  | 2,895E-03 | 9,960E+03                        | 1,722E+04  | 2,976E+04   |
| 13                      | 2,818E+04   | 3,052E+04   | 2,982E+04   | 8,751E+08 | 2,568E+13  | 3,441E+06 | 7,801E+03 | 6,904E+03 | 2,952E+00  | 3,290E+00  | 9,984E-01  | 9,995E-01  | 1,078E-03 | 3,708E+03                        | 2,611E+04  | 1,839E+05   |
| 14                      | 3,052E+04   | 3,285E+04   | 0,000E+00   | 0,000E+00 | 0,000E+00  | 3,441E+06 | 7,801E+03 | 6,904E+03 | 3,290E+00  | 3,628E+00  | 9,995E-01  | 9,999E-01  | 3,582E-04 | 1,233E+03                        | -1,233E+03 | 1,233E+03   |
| 15                      | 3,285E+04   | 3,518E+04   | 3,431E+04   | 1,167E+09 | 3,970E+13  | 3,441E+06 | 7,801E+03 | 6,904E+03 | 3,628E+00  | 3,966E+00  | 9,999E-01  | 1,000E+00  | 1,063E-04 | 3,659E+02                        | 3,395E+04  | 3,149E+06   |
| 16                      | 3,518E+04   | 3,751E+04   | 3,535E+04   | 1,285E+09 | 4,671E+13  | 3,441E+06 | 7,801E+03 | 6,904E+03 | 3,966E+00  | 4,304E+00  | 1,000E+00  | ---        | 3,660E-05 | 1,259E+02                        | 3,523E+04  | 9,854E+06   |
| =====                   |             |             |             |           |            |           |           |           |            |            |            |            |           |                                  |            |             |
| 023 - numero_pacotes_EI |             |             |             |           |            |           |           |           |            |            |            |            |           |                                  |            |             |
| =====                   |             |             |             |           |            |           |           |           |            |            |            |            |           |                                  |            |             |
| Mínimo .....            | 5,000E+00   |             |             |           |            |           |           |           |            |            |            |            |           |                                  |            |             |
| Máximo .....            | 6,366E+03   |             |             |           |            |           |           |           |            |            |            |            |           |                                  |            |             |
| Amplitude .....         | 4,250E+02   |             |             |           |            |           |           |           |            |            |            |            |           |                                  |            |             |
| Analise .....           | S           |             |             |           |            |           |           |           |            |            |            |            |           |                                  |            |             |
| Soma SQL .....          | 6,455E+05   |             |             |           |            |           |           |           |            |            |            |            |           |                                  |            |             |
| Soma Linha (N) ..       | 6,455E+05   |             |             |           |            |           |           |           |            |            |            |            |           |                                  |            |             |
| Média amostral ..       | 2,124E+03   |             |             |           |            |           |           |           |            |            |            |            |           |                                  |            |             |
| Somatória fi * Pm       | 1,371E+09   |             |             |           |            |           |           |           |            |            |            |            |           |                                  |            |             |
| Somatória fi * Pm       | 4,253E+12   |             |             |           |            |           |           |           |            |            |            |            |           |                                  |            |             |
| Somatória fi * Pm       | 2,124E+03   |             |             |           |            |           |           |           |            |            |            |            |           |                                  |            |             |
| Desvio padrão amc       | 1,441E+03   |             |             |           |            |           |           |           |            |            |            |            |           | Valor para teste de qui-quadrado | 1,893E+05  |             |
| =====                   |             |             |             |           |            |           |           |           |            |            |            |            |           |                                  |            |             |
| Num                     | De (aberto) | Até (fechad | Ocorrências | Fi * Pmi  | Fi * Pmi*2 | N         | Média     | Desvio    | z lim.inf. | z lim.sup. | Norm.z inf | Norm.z sup | Prob      | Esperado                         | Obs - Esp  | (O - e)^2/e |
| =====                   |             |             |             |           |            |           |           |           |            |            |            |            |           |                                  |            |             |
| 1                       | 0,000E+00   | 4,280E+02   | 4,978E+04   | 1,065E+07 | 2,280E+09  | 6,455E+05 | 2,124E+03 | 1,441E+03 | -1,474E+00 | -1,177E+00 | ---        | 1,196E-01  | 1,196E-01 | 7,722E+04                        | -2,743E+04 | 9,747E+03   |
| 2                       | 4,280E+02   | 8,530E+02   | 7,485E+04   | 4,794E+07 | 3,071E+10  | 6,455E+05 | 2,124E+03 | 1,441E+03 | -1,177E+00 | -8,819E-01 | 1,196E-01  | 1,889E-01  | 6,927E-02 | 4,471E+04                        | 3,014E+04  | 2,031E+04   |
| 3                       | 8,530E+02   | 1,278E+03   | 7,928E+04   | 8,447E+07 | 9,000E+10  | 6,455E+05 | 2,124E+03 | 1,441E+03 | -8,819E-01 | -5,871E-01 | 1,889E-01  | 2,786E-01  | 8,968E-02 | 5,788E+04                        | 2,139E+04  | 7,905E+03   |
| 4                       | 1,278E+03   | 1,703E+03   | 1,099E+05   | 1,639E+08 | 2,442E+11  | 6,455E+05 | 2,124E+03 | 1,441E+03 | -5,871E-01 | -2,922E-01 | 2,786E-01  | 3,851E-01  | 1,065E-01 | 6,874E+04                        | 4,120E+04  | 2,470E+04   |
| 5                       | 1,703E+03   | 2,128E+03   | 7,640E+04   | 1,463E+08 | 2,803E+11  | 6,455E+05 | 2,124E+03 | 1,441E+03 | -2,922E-01 | 2,703E-01  | 3,851E-01  | 5,011E-01  | 1,160E-01 | 7,488E+04                        | 1,523E+03  | 3,097E+01   |
| 6                       | 2,128E+03   | 2,553E+03   | 4,863E+04   | 1,138E+08 | 2,664E+11  | 6,455E+05 | 2,124E+03 | 1,441E+03 | 2,703E-01  | 2,976E-01  | 5,011E-01  | 6,170E-01  | 1,159E-01 | 7,482E+04                        | -2,619E+04 | 9,165E+03   |
| 7                       | 2,553E+03   | 2,978E+03   | 4,633E+04   | 1,281E+08 | 3,543E+11  | 6,455E+05 | 2,124E+03 | 1,441E+03 | 2,976E-01  | 5,925E-01  | 6,170E-01  | 7,232E-01  | 1,062E-01 | 6,858E+04                        | -2,225E+04 | 7,218E+03   |
| 8                       | 2,978E+03   | 3,403E+03   | 5,333E+04   | 1,701E+08 | 5,429E+11  | 6,455E+05 | 2,124E+03 | 1,441E+03 | 5,925E-01  | 8,874E-01  | 7,232E-01  | 8,126E-01  | 8,932E-02 | 5,766E+04                        | -4,327E+03 | 3,247E+02   |
| 9                       | 3,403E+03   | 3,828E+03   | 1,105E+04   | 3,997E+07 | 1,445E+11  | 6,455E+05 | 2,124E+03 | 1,441E+03 | 8,874E-01  | 1,182E+00  | 8,126E-01  | 8,814E-01  | 6,889E-02 | 4,447E+04                        | -3,341E+04 | 2,511E+04   |
| 10                      | 3,828E+03   | 4,253E+03   | 1,607E+04   | 6,494E+07 | 2,624E+11  | 6,455E+05 | 2,124E+03 | 1,441E+03 | 1,182E+00  | 1,477E+00  | 8,814E-01  | 9,302E-01  | 4,873E-02 | 3,146E+04                        | -1,538E+04 | 7,524E+03   |
| 11                      | 4,253E+03   | 4,678E+03   | 2,260E+04   | 1,009E+08 | 4,506E+11  | 6,455E+05 | 2,124E+03 | 1,441E+03 | 1,477E+00  | 1,772E+00  | 9,302E-01  | 9,618E-01  | 3,162E-02 | 2,041E+04                        | 2,183E+03  | 2,335E+02   |
| 12                      | 4,678E+03   | 5,103E+03   | 3,420E+04   | 1,673E+08 | 8,180E+11  | 6,455E+05 | 2,124E+03 | 1,441E+03 | 1,772E+00  | 2,067E+00  | 9,618E-01  | 9,806E-01  | 1,882E-02 | 1,215E+04                        | 2,205E+04  | 4,002E+04   |
| 13                      | 5,103E+03   | 5,528E+03   | 5,103E+03   | 2,712E+07 | 1,442E+11  | 6,455E+05 | 2,124E+03 | 1,441E+03 | 2,067E+00  | 2,362E+00  | 9,806E-01  | 9,909E-01  | 1,028E-02 | 6,634E+03                        | -1,531E+03 | 3,535E+02   |
| 14                      | 5,528E+03   | 5,953E+03   | 1,154E+04   | 6,624E+07 | 3,802E+11  | 6,455E+05 | 2,124E+03 | 1,441E+03 | 2,362E+00  | 2,657E+00  | 9,909E-01  | 9,961E-01  | 5,148E-03 | 8,219E+03                        | 3,323E+03  | 2,032E+04   |
| 15                      | 5,953E+03   | 6,378E+03   | 6,366E+03   | 3,925E+07 | 2,420E+11  | 6,455E+05 | 2,124E+03 | 1,441E+03 | 2,657E+00  | 2,952E+00  | 9,961E-01  | 9,984E-01  | 2,365E-03 | 1,527E+03                        | 4,839E+03  | 1,534E+04   |
| 16                      | 6,378E+03   | 6,803E+03   | 0,000E+00   | 0,000E+00 | 0,000E+00  | 6,455E+05 | 2,124E+03 | 1,441E+03 | 2,952E+00  | 3,246E+00  | 9,984E-01  | ---        | 1,581E-03 | 1,021E+03                        | -1,021E+03 | 1,021E+03   |
| =====                   |             |             |             |           |            |           |           |           |            |            |            |            |           |                                  |            |             |

| =====                   |             |             |             |           |            |           |           |           |            |            |            |            |           |                                  |            |             |
|-------------------------|-------------|-------------|-------------|-----------|------------|-----------|-----------|-----------|------------|------------|------------|------------|-----------|----------------------------------|------------|-------------|
| 024 - numero_pacotes_EE |             |             |             |           |            |           |           |           |            |            |            |            |           |                                  |            |             |
| =====                   |             |             |             |           |            |           |           |           |            |            |            |            |           |                                  |            |             |
| Mínimo .....            | 2,700E+01   |             |             |           |            |           |           |           |            |            |            |            |           |                                  |            |             |
| Máximo .....            | 6,960E+02   |             |             |           |            |           |           |           |            |            |            |            |           |                                  |            |             |
| Amplitude .....         | 4,500E+01   |             |             |           |            |           |           |           |            |            |            |            |           |                                  |            |             |
| Analise .....           | S           |             |             |           |            |           |           |           |            |            |            |            |           |                                  |            |             |
| Soma SQL .....          | 4,056E+04   |             |             |           |            |           |           |           |            |            |            |            |           |                                  |            |             |
| Soma Linha (N) ..       | 4,056E+04   |             |             |           |            |           |           |           |            |            |            |            |           |                                  |            |             |
| Média amostral ..       | 1,049E+02   |             |             |           |            |           |           |           |            |            |            |            |           |                                  |            |             |
| Somatória fi * Pm       | 4,254E+06   |             |             |           |            |           |           |           |            |            |            |            |           |                                  |            |             |
| Somatória fi * Pm       | 1,497E+09   |             |             |           |            |           |           |           |            |            |            |            |           |                                  |            |             |
| Somatória fi * Pm       | 1,049E+02   |             |             |           |            |           |           |           |            |            |            |            |           | Valor para teste de qui-quadrado | 3,632E+05  |             |
| Desvio padrão amc       | 1,609E+02   |             |             |           |            |           |           |           |            |            |            |            |           |                                  |            |             |
| =====                   |             |             |             |           |            |           |           |           |            |            |            |            |           |                                  |            |             |
| Num                     | De (aberto) | Até (fechad | Ocorrências | Fi * Pmi  | Fi * Pmi^2 | N         | Média     | Desvio    | z lim.inf. | z lim.sup. | Norm.z inf | Norm.z sup | Prob      | Esperado                         | Obs - Esp  | (O - e)^2/e |
| 1                       | 0,000E+00   | 5,900E+01   | 2,776E+04   | 8,190E+05 | 2,416E+07  | 4,056E+04 | 1,049E+02 | 1,609E+02 | -6,517E-01 | -2,851E-01 | ---        | 3,878E-01  | 3,878E-01 | 1,573E+04                        | 1,203E+04  | 9,208E+03   |
| 2                       | 5,900E+01   | 1,040E+02   | 2,701E+03   | 2,201E+05 | 1,794E+07  | 4,056E+04 | 1,049E+02 | 1,609E+02 | -2,851E-01 | -5,525E-03 | 3,878E-01  | 4,978E-01  | 1,100E-01 | 4,463E+03                        | -1,762E+03 | 6,954E+02   |
| 3                       | 1,040E+02   | 1,490E+02   | 2,667E+03   | 3,374E+05 | 4,268E+07  | 4,056E+04 | 1,049E+02 | 1,609E+02 | -5,525E-03 | 2,741E-01  | 4,978E-01  | 6,080E-01  | 1,102E-01 | 4,470E+03                        | -1,803E+03 | 7,269E+02   |
| 4                       | 1,490E+02   | 1,940E+02   | 1,404E+03   | 2,408E+05 | 4,129E+07  | 4,056E+04 | 1,049E+02 | 1,609E+02 | 2,741E-01  | 5,537E-01  | 6,080E-01  | 7,101E-01  | 1,021E-01 | 4,142E+03                        | -2,738E+03 | 1,810E+03   |
| 5                       | 1,940E+02   | 2,390E+02   | 1,314E+03   | 2,845E+05 | 6,159E+07  | 4,056E+04 | 1,049E+02 | 1,609E+02 | 5,537E-01  | 8,333E-01  | 7,101E-01  | 7,977E-01  | 8,756E-02 | 3,551E+03                        | -2,237E+03 | 1,410E+03   |
| 6                       | 2,390E+02   | 2,840E+02   | 2,710E+02   | 7,087E+04 | 1,853E+07  | 4,056E+04 | 1,049E+02 | 1,609E+02 | 8,333E-01  | 1,113E+00  | 7,977E-01  | 8,671E-01  | 6,946E-02 | 2,817E+03                        | -2,546E+03 | 2,302E+03   |
| 7                       | 2,840E+02   | 3,290E+02   | 5,750E+02   | 1,762E+05 | 5,402E+07  | 4,056E+04 | 1,049E+02 | 1,609E+02 | 1,113E+00  | 1,393E+00  | 8,671E-01  | 9,181E-01  | 5,099E-02 | 2,068E+03                        | -1,493E+03 | 1,078E+03   |
| 8                       | 3,290E+02   | 3,740E+02   | 1,012E+03   | 3,557E+05 | 1,250E+08  | 4,056E+04 | 1,049E+02 | 1,609E+02 | 1,393E+00  | 1,672E+00  | 9,181E-01  | 9,528E-01  | 3,463E-02 | 1,405E+03                        | -3,927E+02 | 1,098E+02   |
| 9                       | 3,740E+02   | 4,190E+02   | 3,750E+02   | 1,487E+05 | 5,895E+07  | 4,056E+04 | 1,049E+02 | 1,609E+02 | 1,672E+00  | 1,952E+00  | 9,528E-01  | 9,745E-01  | 2,176E-02 | 8,828E+02                        | -5,078E+02 | 2,921E+02   |
| 10                      | 4,190E+02   | 4,640E+02   | 0,000E+00   | 0,000E+00 | 0,000E+00  | 4,056E+04 | 1,049E+02 | 1,609E+02 | 1,952E+00  | 2,231E+00  | 9,745E-01  | 9,872E-01  | 1,265E-02 | 5,133E+02                        | -5,133E+02 | 5,133E+02   |
| 11                      | 4,640E+02   | 5,090E+02   | 4,790E+02   | 2,330E+05 | 1,134E+08  | 4,056E+04 | 1,049E+02 | 1,609E+02 | 2,231E+00  | 2,511E+00  | 9,872E-01  | 9,940E-01  | 6,808E-03 | 2,761E+02                        | 2,029E+02  | 1,490E+02   |
| 12                      | 5,090E+02   | 5,540E+02   | 0,000E+00   | 0,000E+00 | 0,000E+00  | 4,056E+04 | 1,049E+02 | 1,609E+02 | 2,511E+00  | 2,791E+00  | 9,940E-01  | 9,974E-01  | 3,389E-03 | 1,375E+02                        | -1,375E+02 | 1,375E+02   |
| 13                      | 5,540E+02   | 5,990E+02   | 0,000E+00   | 0,000E+00 | 0,000E+00  | 4,056E+04 | 1,049E+02 | 1,609E+02 | 2,791E+00  | 3,070E+00  | 9,974E-01  | 9,989E-01  | 1,561E-03 | 6,331E+01                        | -6,331E+01 | 6,331E+01   |
| 14                      | 5,990E+02   | 6,440E+02   | 6,110E+02   | 3,797E+05 | 2,360E+08  | 4,056E+04 | 1,049E+02 | 1,609E+02 | 3,070E+00  | 3,350E+00  | 9,989E-01  | 9,996E-01  | 6,652E-04 | 2,698E+01                        | 5,840E+02  | 1,264E+04   |
| 15                      | 6,440E+02   | 6,890E+02   | 0,000E+00   | 0,000E+00 | 0,000E+00  | 4,056E+04 | 1,049E+02 | 1,609E+02 | 3,350E+00  | 3,629E+00  | 9,996E-01  | 9,999E-01  | 2,623E-04 | 1,064E+01                        | -1,064E+01 | 1,064E+01   |
| 16                      | 6,890E+02   | 7,340E+02   | 1,389E+03   | 9,883E+05 | 7,032E+08  | 4,056E+04 | 1,049E+02 | 1,609E+02 | 3,629E+00  | 3,909E+00  | 9,999E-01  | ---        | 1,421E-04 | 5,762E+00                        | 1,383E+03  | 3,321E+05   |
| =====                   |             |             |             |           |            |           |           |           |            |            |            |            |           |                                  |            |             |
| 025 - numero_fluxos_TCP |             |             |             |           |            |           |           |           |            |            |            |            |           |                                  |            |             |
| =====                   |             |             |             |           |            |           |           |           |            |            |            |            |           |                                  |            |             |
| Mínimo .....            | 1,400E+01   |             |             |           |            |           |           |           |            |            |            |            |           |                                  |            |             |
| Máximo .....            | 4,820E+02   |             |             |           |            |           |           |           |            |            |            |            |           |                                  |            |             |
| Amplitude .....         | 3,200E+01   |             |             |           |            |           |           |           |            |            |            |            |           |                                  |            |             |
| Analise .....           | S           |             |             |           |            |           |           |           |            |            |            |            |           |                                  |            |             |
| Soma SQL .....          | 1,092E+05   |             |             |           |            |           |           |           |            |            |            |            |           |                                  |            |             |
| Soma Linha (N) ..       | 1,092E+05   |             |             |           |            |           |           |           |            |            |            |            |           |                                  |            |             |
| Média amostral ..       | 2,145E+02   |             |             |           |            |           |           |           |            |            |            |            |           |                                  |            |             |
| Somatória fi * Pm       | 2,342E+07   |             |             |           |            |           |           |           |            |            |            |            |           |                                  |            |             |
| Somatória fi * Pm       | 6,435E+09   |             |             |           |            |           |           |           |            |            |            |            |           |                                  |            |             |
| Somatória fi * Pm       | 2,145E+02   |             |             |           |            |           |           |           |            |            |            |            |           | Valor para teste de qui-quadrado | 1,001E+04  |             |
| Desvio padrão amc       | 1,137E+02   |             |             |           |            |           |           |           |            |            |            |            |           |                                  |            |             |
| =====                   |             |             |             |           |            |           |           |           |            |            |            |            |           |                                  |            |             |
| Num                     | De (aberto) | Até (fechad | Ocorrências | Fi * Pmi  | Fi * Pmi^2 | N         | Média     | Desvio    | z lim.inf. | z lim.sup. | Norm.z inf | Norm.z sup | Prob      | Esperado                         | Obs - Esp  | (O - e)^2/e |
| 1                       | 0,000E+00   | 3,900E+01   | 4,947E+03   | 9,647E+04 | 1,881E+06  | 1,092E+05 | 2,145E+02 | 1,137E+02 | -1,887E+00 | -1,544E+00 | ---        | 6,129E-02  | 6,129E-02 | 6,690E+03                        | -1,743E+03 | 4,542E+02   |
| 2                       | 3,900E+01   | 7,100E+01   | 7,172E+03   | 3,945E+05 | 2,170E+07  | 1,092E+05 | 2,145E+02 | 1,137E+02 | -1,544E+00 | -1,263E+00 | 6,129E-02  | 1,034E-01  | 4,208E-02 | 4,593E+03                        | 2,579E+03  | 1,448E+03   |
| 3                       | 7,100E+01   | 1,030E+02   | 8,975E+03   | 7,808E+05 | 6,793E+07  | 1,092E+05 | 2,145E+02 | 1,137E+02 | -1,263E+00 | -9,811E-01 | 1,034E-01  | 1,633E-01  | 5,990E-02 | 6,538E+03                        | 2,437E+03  | 9,082E+02   |
| 4                       | 1,030E+02   | 1,350E+02   | 9,664E+03   | 1,150E+06 | 1,369E+08  | 1,092E+05 | 2,145E+02 | 1,137E+02 | -9,811E-01 | -6,996E-01 | 1,633E-01  | 2,421E-01  | 7,881E-02 | 8,602E+03                        | 1,062E+03  | 1,311E+02   |
| 5                       | 1,350E+02   | 1,670E+02   | 8,711E+03   | 1,315E+06 | 1,986E+08  | 1,092E+05 | 2,145E+02 | 1,137E+02 | -6,996E-01 | -4,182E-01 | 2,421E-01  | 3,379E-01  | 9,583E-02 | 1,046E+04                        | -1,750E+03 | 2,926E+02   |
| 6                       | 1,670E+02   | 1,990E+02   | 1,152E+04   | 2,109E+06 | 3,859E+08  | 1,092E+05 | 2,145E+02 | 1,137E+02 | -4,182E-01 | -1,367E-01 | 3,379E-01  | 4,456E-01  | 1,077E-01 | 1,176E+04                        | -2,340E+02 | 4,655E+00   |
| 7                       | 1,990E+02   | 2,310E+02   | 9,476E+03   | 2,037E+06 | 4,380E+08  | 1,092E+05 | 2,145E+02 | 1,137E+02 | -1,367E-01 | 1,448E-01  | 4,456E-01  | 5,576E-01  | 1,119E-01 | 1,222E+04                        | -2,740E+03 | 6,146E+02   |
| 8                       | 2,310E+02   | 2,630E+02   | 1,288E+04   | 3,181E+06 | 7,856E+08  | 1,092E+05 | 2,145E+02 | 1,137E+02 | 1,448E-01  | 4,262E-01  | 5,576E-01  | 6,650E-01  | 1,075E-01 | 1,173E+04                        | 1,146E+03  | 1,119E+02   |
| 9                       | 2,630E+02   | 2,950E+02   | 1,001E+04   | 2,794E+06 | 7,795E+08  | 1,092E+05 | 2,145E+02 | 1,137E+02 | 4,262E-01  | 7,077E-01  | 6,650E-01  | 7,604E-01  | 9,540E-02 | 1,041E+04                        | -3,994E+02 | 1,532E+01   |
| 10                      | 2,950E+02   | 3,270E+02   | 7,151E+03   | 2,224E+06 | 6,917E+08  | 1,092E+05 | 2,145E+02 | 1,137E+02 | 7,077E-01  | 9,892E-01  | 7,604E-01  | 8,387E-01  | 7,827E-02 | 8,544E+03                        | -1,393E+03 | 2,271E+02   |
| 11                      | 3,270E+02   | 3,590E+02   | 6,511E+03   | 2,233E+06 | 7,660E+08  | 1,092E+05 | 2,145E+02 | 1,137E+02 | 9,892E-01  | 1,271E+00  | 8,387E-01  | 8,981E-01  | 5,936E-02 | 6,479E+03                        | 3,164E+01  | 1,545E-01   |
| 12                      | 3,590E+02   | 3,910E+02   | 3,420E+03   | 1,283E+06 | 4,809E+08  | 1,092E+05 | 2,145E+02 | 1,137E+02 | 1,271E+00  | 1,552E+00  | 8,981E-01  | 9,397E-01  | 4,161E-02 | 4,542E+03                        | -1,122E+03 | 2,771E+02   |
| 13                      | 3,910E+02   | 4,230E+02   | 2,452E+03   | 9,980E+05 | 4,062E+08  | 1,092E+05 | 2,145E+02 | 1,137E+02 | 1,552E+00  | 1,834E+00  | 9,397E-01  | 9,666E-01  | 2,696E-02 | 2,943E+03                        | -4,907E+02 | 8,184E+01   |
| 14                      | 4,230E+02   | 4,550E+02   | 3,923E+03   | 1,722E+06 | 7,560E+08  | 1,092E+05 | 2,145E+02 | 1,137E+02 | 1,834E+00  | 2,115E+00  | 9,666E-01  | 9,828E-01  | 1,615E-02 | 1,762E+03                        | 2,649E+03  | 2,649E+03   |
| 15                      | 4,550E+02   | 4,870E+02   | 2,335E+03   | 1,100E+06 | 5,180E+08  | 1,092E+05 | 2,145E+02 | 1,137E+02 | 2,115E+00  | 2,396E+00  | 9,828E-01  | 9,917E-01  | 8,937E-03 | 9,755E+02                        | 1,359E+03  | 1,895E+03   |
| 16                      | 4,870E+02   | 5,190E+02   | 0,000E+00   | 0,000E+00 | 0,000E+00  | 1,092E+05 | 2,145E+02 | 1,137E+02 | 2,396E+00  | 2,678E+00  | 9,917E-01  | ---        | 8,276E-03 | 9,034E+02                        | -9,034E+02 | 9,034E+02   |
| =====                   |             |             |             |           |            |           |           |           |            |            |            |            |           |                                  |            |             |

| =====                   |             |             |             |           |            |           |           |           |            |            |            |            |           |                                  |            |             |
|-------------------------|-------------|-------------|-------------|-----------|------------|-----------|-----------|-----------|------------|------------|------------|------------|-----------|----------------------------------|------------|-------------|
| 026 - numero_fluxos_UDP |             |             |             |           |            |           |           |           |            |            |            |            |           |                                  |            |             |
| =====                   |             |             |             |           |            |           |           |           |            |            |            |            |           |                                  |            |             |
| Mínimo .....            | 1,160E+02   |             |             |           |            |           |           |           |            |            |            |            |           |                                  |            |             |
| Máximo .....            | 1,138E+03   |             |             |           |            |           |           |           |            |            |            |            |           |                                  |            |             |
| Amplitude .....         | 6,900E+01   |             |             |           |            |           |           |           |            |            |            |            |           |                                  |            |             |
| Análise .....           | S           |             |             |           |            |           |           |           |            |            |            |            |           |                                  |            |             |
| Soma SQL .....          | 3,072E+05   |             |             |           |            |           |           |           |            |            |            |            |           |                                  |            |             |
| Soma Linha (N) ..       | 3,072E+05   |             |             |           |            |           |           |           |            |            |            |            |           |                                  |            |             |
| Média amostral ..       | 5,041E+02   |             |             |           |            |           |           |           |            |            |            |            |           |                                  |            |             |
| Somatória fi * Pm       | 1,549E+08   |             |             |           |            |           |           |           |            |            |            |            |           |                                  |            |             |
| Somatória fi * Pm       | 9,675E+10   |             |             |           |            |           |           |           |            |            |            |            |           |                                  |            |             |
| Somatória fi * Pm       | 5,041E+02   |             |             |           |            |           |           |           |            |            |            |            |           | Valor para teste de qui-quadrado | 1,748E+05  |             |
| Desvio padrão amc       | 2,466E+02   |             |             |           |            |           |           |           |            |            |            |            |           |                                  |            |             |
| =====                   |             |             |             |           |            |           |           |           |            |            |            |            |           |                                  |            |             |
| Num                     | De (aberto) | Até (fechad | Ocorrências | Fi * Pmi  | Fi * Pmi^2 | N         | Média     | Desvio    | z lim.inf. | z lim.sup. | Norm.z inf | Norm.z sup | Prob      | Esperado                         | Obs - Esp  | (O - e)^2/e |
| =====                   |             |             |             |           |            |           |           |           |            |            |            |            |           |                                  |            |             |
| 1                       | 0,000E+00   | 1,270E+02   | 4,910E+02   | 3,118E+04 | 1,980E+06  | 3,072E+05 | 5,041E+02 | 2,466E+02 | -2,044E+00 | -1,529E+00 | ---        | 6,312E-02  | 6,312E-02 | 1,939E+04                        | -1,890E+04 | 1,842E+04   |
| 2                       | 1,270E+02   | 1,960E+02   | 2,698E+04   | 4,358E+06 | 7,038E+08  | 3,072E+05 | 5,041E+02 | 2,466E+02 | -1,529E+00 | -1,249E+00 | 6,312E-02  | 1,058E-01  | 4,266E-02 | 1,311E+04                        | 1,388E+04  | 1,469E+04   |
| 3                       | 1,960E+02   | 2,650E+02   | 4,843E+04   | 1,116E+07 | 2,573E+09  | 3,072E+05 | 5,041E+02 | 2,466E+02 | -1,249E+00 | -9,695E-01 | 1,058E-01  | 1,662E-01  | 6,037E-02 | 1,855E+04                        | 2,988E+04  | 4,815E+04   |
| 4                       | 2,650E+02   | 3,340E+02   | 3,584E+04   | 1,073E+07 | 3,215E+09  | 3,072E+05 | 5,041E+02 | 2,466E+02 | -9,695E-01 | -6,897E-01 | 1,662E-01  | 2,452E-01  | 7,905E-02 | 2,429E+04                        | 1,156E+04  | 5,500E+03   |
| 5                       | 3,340E+02   | 4,030E+02   | 2,483E+04   | 9,149E+06 | 3,371E+09  | 3,072E+05 | 5,041E+02 | 2,466E+02 | -6,897E-01 | -4,099E-01 | 2,452E-01  | 3,410E-01  | 9,575E-02 | 2,942E+04                        | -4,591E+03 | 7,163E+02   |
| 6                       | 4,030E+02   | 4,720E+02   | 1,690E+04   | 7,394E+06 | 3,235E+09  | 3,072E+05 | 5,041E+02 | 2,466E+02 | -4,099E-01 | -1,301E-01 | 3,410E-01  | 4,483E-01  | 1,073E-01 | 3,297E+04                        | -1,607E+04 | 7,832E+03   |
| 7                       | 4,720E+02   | 5,410E+02   | 9,074E+03   | 4,596E+06 | 2,328E+09  | 3,072E+05 | 5,041E+02 | 2,466E+02 | -1,301E-01 | 1,498E-01  | 4,483E-01  | 5,595E-01  | 1,113E-01 | 3,418E+04                        | -2,511E+04 | 1,844E+04   |
| 8                       | 5,410E+02   | 6,100E+02   | 1,342E+04   | 7,723E+06 | 4,444E+09  | 3,072E+05 | 5,041E+02 | 2,466E+02 | 1,498E-01  | 4,296E-01  | 5,595E-01  | 6,662E-01  | 1,067E-01 | 3,279E+04                        | -1,937E+04 | 1,144E+04   |
| 9                       | 6,100E+02   | 6,790E+02   | 2,475E+04   | 1,595E+07 | 1,028E+10  | 3,072E+05 | 5,041E+02 | 2,466E+02 | 4,296E-01  | 7,094E-01  | 6,662E-01  | 7,610E-01  | 9,471E-02 | 2,910E+04                        | -4,352E+03 | 6,509E+02   |
| 10                      | 6,790E+02   | 7,480E+02   | 3,805E+04   | 2,715E+07 | 1,937E+10  | 3,072E+05 | 5,041E+02 | 2,466E+02 | 7,094E-01  | 9,892E-01  | 7,610E-01  | 8,387E-01  | 7,776E-02 | 2,389E+04                        | 1,416E+04  | 8,394E+03   |
| 11                      | 7,480E+02   | 8,170E+02   | 4,358E+04   | 3,410E+07 | 2,668E+10  | 3,072E+05 | 5,041E+02 | 2,466E+02 | 9,892E-01  | 1,269E+00  | 8,387E-01  | 8,978E-01  | 5,907E-02 | 1,815E+04                        | 2,543E+04  | 3,563E+04   |
| 12                      | 8,170E+02   | 8,860E+02   | 1,516E+04   | 1,291E+07 | 1,099E+10  | 3,072E+05 | 5,041E+02 | 2,466E+02 | 1,269E+00  | 1,549E+00  | 8,978E-01  | 9,393E-01  | 4,151E-02 | 1,275E+04                        | 2,412E+03  | 4,560E+02   |
| 13                      | 8,860E+02   | 9,550E+02   | 4,562E+03   | 4,199E+06 | 3,865E+09  | 3,072E+05 | 5,041E+02 | 2,466E+02 | 1,549E+00  | 1,829E+00  | 9,393E-01  | 9,663E-01  | 2,699E-02 | 8,291E+03                        | -3,729E+03 | 1,677E+03   |
| 14                      | 9,550E+02   | 1,024E+03   | 1,959E+03   | 1,938E+06 | 1,918E+09  | 3,072E+05 | 5,041E+02 | 2,466E+02 | 1,829E+00  | 2,108E+00  | 9,663E-01  | 9,825E-01  | 1,623E-02 | 4,987E+03                        | -3,028E+03 | 1,838E+03   |
| 15                      | 1,024E+03   | 1,093E+03   | 2,069E+03   | 2,190E+06 | 2,318E+09  | 3,072E+05 | 5,041E+02 | 2,466E+02 | 2,108E+00  | 2,388E+00  | 9,825E-01  | 9,915E-01  | 9,032E-03 | 2,775E+03                        | -7,060E+02 | 1,796E+02   |
| 16                      | 1,093E+03   | 1,162E+03   | 1,138E+03   | 1,283E+06 | 1,447E+09  | 3,072E+05 | 5,041E+02 | 2,466E+02 | 2,388E+00  | 2,668E+00  | 9,915E-01  | ---        | 8,465E-03 | 2,601E+03                        | -1,463E+03 | 8,226E+02   |
| =====                   |             |             |             |           |            |           |           |           |            |            |            |            |           |                                  |            |             |

| 004 - numero_fluxos |             |             |             |           |            |           |           |           |            |            |            |            |           |           |            |  |
|---------------------|-------------|-------------|-------------|-----------|------------|-----------|-----------|-----------|------------|------------|------------|------------|-----------|-----------|------------|--|
| Mínimo              | 5,000E+01   |             |             |           |            |           |           |           |            |            |            |            |           |           |            |  |
| Máximo              | 5,212E+03   |             |             |           |            |           |           |           |            |            |            |            |           |           |            |  |
| Amplitude           | 3,450E+02   |             |             |           |            |           |           |           |            |            |            |            |           |           |            |  |
| Analise             | S           |             |             |           |            |           |           |           |            |            |            |            |           |           |            |  |
| Soma SQL            | 1,778E+06   |             |             |           |            |           |           |           |            |            |            |            |           |           |            |  |
| Soma Linha (N)      | 1,778E+06   |             |             |           |            |           |           |           |            |            |            |            |           |           |            |  |
| Média amostral      | 1,795E+03   |             |             |           |            |           |           |           |            |            |            |            |           |           |            |  |
| Somatória fi * Pmi  | 3,192E+09   |             |             |           |            |           |           |           |            |            |            |            |           |           |            |  |
| Somatória fi * Pmi  | 9,290E+12   |             |             |           |            |           |           |           |            |            |            |            |           |           |            |  |
| Somatória fi * Pmi  | 1,795E+03   |             |             |           |            |           |           |           |            |            |            |            |           |           |            |  |
| Desvio padrão amos  | 1,415E+03   |             |             |           |            |           |           |           |            |            |            |            |           |           |            | Valor para teste de qui-quadrado 1,464E+06 |
| Num                 | De (aberto) | Até (fechad | Ocorrências | Fi * Pmi  | Fi * Pmi^2 | N         | Média     | Desvio    | z lim.inf. | z lim.sup. | Norm.z inf | Norm.z sup | Prob      | Esperado  | Obs - Esp  | (O - e)^2/e                                |
| 1                   | 0,000E+00   | 3,700E+02   | 1,492E+05   | 2,761E+07 | 5,107E+09  | 1,778E+06 | 1,795E+03 | 1,415E+03 | -1,269E+00 | -1,007E+00 | ---        | 1,569E-01  | 1,569E-01 | 2,790E+05 | -1,298E+05 | 6,038E+04                                  |
| 2                   | 3,700E+02   | 7,150E+02   | 2,033E+05   | 1,103E+08 | 5,984E+10  | 1,778E+06 | 1,795E+03 | 1,415E+03 | -1,007E+00 | -7,634E-01 | 1,569E-01  | 2,226E-01  | 6,571E-02 | 1,168E+05 | 8,648E+04  | 6,401E+04                                  |
| 3                   | 7,150E+02   | 1,060E+03   | 2,692E+05   | 2,389E+08 | 2,120E+11  | 1,778E+06 | 1,795E+03 | 1,415E+03 | -7,634E-01 | -5,196E-01 | 2,226E-01  | 3,017E-01  | 7,908E-02 | 1,406E+05 | 1,285E+05  | 1,175E+05                                  |
| 4                   | 1,060E+03   | 1,405E+03   | 3,934E+05   | 4,849E+08 | 5,976E+11  | 1,778E+06 | 1,795E+03 | 1,415E+03 | -5,196E-01 | -2,757E-01 | 3,017E-01  | 3,914E-01  | 8,970E-02 | 1,595E+05 | 2,339E+05  | 3,429E+05                                  |
| 5                   | 1,405E+03   | 1,750E+03   | 1,966E+05   | 3,101E+08 | 4,892E+11  | 1,778E+06 | 1,795E+03 | 1,415E+03 | -2,757E-01 | -3,185E-02 | 3,914E-01  | 4,873E-01  | 9,591E-02 | 1,706E+05 | 2,603E+04  | 3,971E+03                                  |
| 6                   | 1,750E+03   | 2,095E+03   | 9,001E+04   | 1,730E+08 | 3,327E+11  | 1,778E+06 | 1,795E+03 | 1,415E+03 | -3,185E-02 | 2,120E-01  | 4,873E-01  | 5,840E-01  | 9,666E-02 | 1,719E+05 | -8,188E+04 | 3,900E+04                                  |
| 7                   | 2,095E+03   | 2,440E+03   | 6,106E+04   | 1,385E+08 | 3,140E+11  | 1,778E+06 | 1,795E+03 | 1,415E+03 | 2,120E-01  | 4,559E-01  | 5,840E-01  | 6,758E-01  | 9,181E-02 | 1,633E+05 | -1,022E+05 | 6,398E+04                                  |
| 8                   | 2,440E+03   | 2,785E+03   | 4,400E+04   | 1,150E+08 | 3,003E+11  | 1,778E+06 | 1,795E+03 | 1,415E+03 | 4,559E-01  | 6,997E-01  | 6,758E-01  | 7,580E-01  | 8,219E-02 | 1,462E+05 | -1,022E+05 | 7,141E+04                                  |
| 9                   | 2,785E+03   | 3,130E+03   | 2,626E+04   | 7,767E+07 | 2,297E+11  | 1,778E+06 | 1,795E+03 | 1,415E+03 | 6,997E-01  | 9,436E-01  | 7,580E-01  | 8,273E-01  | 6,936E-02 | 1,233E+05 | -9,708E+04 | 7,641E+04                                  |
| 10                  | 3,130E+03   | 3,475E+03   | 2,609E+04   | 8,615E+07 | 2,845E+11  | 1,778E+06 | 1,795E+03 | 1,415E+03 | 9,436E-01  | 1,187E+00  | 8,273E-01  | 8,825E-01  | 5,516E-02 | 9,810E+04 | -7,202E+04 | 5,287E+04                                  |
| 11                  | 3,475E+03   | 3,820E+03   | 3,253E+04   | 1,186E+08 | 4,327E+11  | 1,778E+06 | 1,795E+03 | 1,415E+03 | 1,187E+00  | 1,431E+00  | 8,825E-01  | 9,238E-01  | 4,135E-02 | 7,350E+04 | -4,102E+04 | 2,288E+04                                  |
| 12                  | 3,820E+03   | 4,165E+03   | 3,220E+04   | 1,286E+08 | 5,133E+11  | 1,778E+06 | 1,795E+03 | 1,415E+03 | 1,431E+00  | 1,675E+00  | 9,238E-01  | 9,531E-01  | 2,922E-02 | 5,196E+04 | -1,976E+04 | 7,517E+03                                  |
| 13                  | 4,165E+03   | 4,510E+03   | 9,120E+04   | 3,956E+08 | 1,716E+12  | 1,778E+06 | 1,795E+03 | 1,415E+03 | 1,675E+00  | 1,919E+00  | 9,531E-01  | 9,725E-01  | 1,946E-02 | 3,461E+04 | 5,660E+04  | 9,256E+04                                  |
| 14                  | 4,510E+03   | 4,855E+03   | 1,025E+05   | 4,798E+08 | 2,247E+12  | 1,778E+06 | 1,795E+03 | 1,415E+03 | 1,919E+00  | 2,163E+00  | 9,725E-01  | 9,847E-01  | 1,222E-02 | 2,172E+04 | 8,074E+04  | 3,001E+05                                  |
| 15                  | 4,855E+03   | 5,200E+03   | 5,562E+04   | 2,796E+08 | 1,406E+12  | 1,778E+06 | 1,795E+03 | 1,415E+03 | 2,163E+00  | 2,407E+00  | 9,847E-01  | 9,920E-01  | 7,227E-03 | 1,285E+04 | 4,277E+04  | 1,423E+05                                  |
| 16                  | 5,200E+03   | 5,545E+03   | 5,212E+03   | 2,800E+07 | 1,504E+11  | 1,778E+06 | 1,795E+03 | 1,415E+03 | 2,407E+00  | 2,651E+00  | 9,920E-01  | ---        | 8,047E-03 | 1,431E+04 | -9,099E+03 | 5,785E+03                                  |
| 005 - numero_bytes  |             |             |             |           |            |           |           |           |            |            |            |            |           |           |            |  |
| Mínimo              | 2,096E+04   |             |             |           |            |           |           |           |            |            |            |            |           |           |            |  |
| Máximo              | 1,086E+08   |             |             |           |            |           |           |           |            |            |            |            |           |           |            |  |
| Amplitude           | 7,240E+06   |             |             |           |            |           |           |           |            |            |            |            |           |           |            |  |
| Analise             | S           |             |             |           |            |           |           |           |            |            |            |            |           |           |            |  |
| Soma SQL            | 4,600E+10   |             |             |           |            |           |           |           |            |            |            |            |           |           |            |  |
| Soma Linha (N)      | 4,600E+10   |             |             |           |            |           |           |           |            |            |            |            |           |           |            |  |
| Média amostral      | 3,641E+07   |             |             |           |            |           |           |           |            |            |            |            |           |           |            |  |
| Somatória fi * Pmi  | 1,675E+18   |             |             |           |            |           |           |           |            |            |            |            |           |           |            |  |
| Somatória fi * Pmi  | 8,221E+25   |             |             |           |            |           |           |           |            |            |            |            |           |           |            |  |
| Somatória fi * Pmi  | 3,641E+07   |             |             |           |            |           |           |           |            |            |            |            |           |           |            | Valor para teste de qui-quadrado 2,194E+10 |
| Desvio padrão amos  | 2,148E+07   |             |             |           |            |           |           |           |            |            |            |            |           |           |            |  |
| Num                 | De (aberto) | Até (fechad | Ocorrências | Fi * Pmi  | Fi * Pmi^2 | N         | Média     | Desvio    | z lim.inf. | z lim.sup. | Norm.z inf | Norm.z sup | Prob      | Esperado  | Obs - Esp  | (O - e)^2/e                                |
| 1                   | 0,000E+00   | 7,250E+06   | 5,433E+08   | 1,969E+15 | 7,139E+21  | 4,600E+10 | 3,641E+07 | 2,148E+07 | -1,695E+00 | -1,358E+00 | ---        | 8,726E-02  | 8,726E-02 | 4,014E+09 | -3,471E+09 | 3,001E+09                                  |
| 2                   | 7,250E+06   | 1,449E+07   | 3,560E+09   | 3,870E+16 | 4,207E+23  | 4,600E+10 | 3,641E+07 | 2,148E+07 | -1,358E+00 | -1,021E+00 | 8,726E-02  | 1,537E-01  | 6,643E-02 | 3,056E+09 | 5,044E+08  | 8,324E+07                                  |
| 3                   | 1,449E+07   | 2,173E+07   | 6,983E+09   | 1,265E+17 | 2,290E+24  | 4,600E+10 | 3,641E+07 | 2,148E+07 | -1,021E+00 | -6,836E-01 | 1,537E-01  | 2,471E-01  | 9,341E-02 | 4,297E+09 | 2,686E+09  | 1,679E+09                                  |
| 4                   | 2,173E+07   | 2,897E+07   | 9,990E+09   | 2,532E+17 | 6,419E+24  | 4,600E+10 | 3,641E+07 | 2,148E+07 | -6,836E-01 | -3,465E-01 | 2,471E-01  | 3,645E-01  | 1,174E-01 | 5,399E+09 | 4,591E+09  | 3,903E+09                                  |
| 5                   | 2,897E+07   | 3,621E+07   | 8,000E+09   | 2,607E+17 | 8,496E+24  | 4,600E+10 | 3,641E+07 | 2,148E+07 | -3,465E-01 | -9,448E-03 | 3,645E-01  | 4,962E-01  | 1,318E-01 | 6,062E+09 | 1,978E+09  | 6,197E+08                                  |
| 6                   | 3,621E+07   | 4,345E+07   | 4,604E+09   | 1,834E+17 | 7,304E+24  | 4,600E+10 | 3,641E+07 | 2,148E+07 | -9,448E-03 | 3,277E-01  | 4,962E-01  | 6,284E-01  | 1,322E-01 | 6,081E+09 | -1,476E+09 | 3,585E+08                                  |
| 7                   | 4,345E+07   | 5,069E+07   | 3,573E+09   | 1,682E+17 | 7,916E+24  | 4,600E+10 | 3,641E+07 | 2,148E+07 | 3,277E-01  | 6,648E-01  | 6,284E-01  | 7,469E-01  | 1,185E-01 | 5,450E+09 | -1,877E+09 | 6,466E+08                                  |
| 8                   | 5,069E+07   | 5,793E+07   | 1,893E+09   | 1,028E+17 | 5,584E+24  | 4,600E+10 | 3,641E+07 | 2,148E+07 | 6,648E-01  | 1,002E+00  | 7,469E-01  | 8,418E-01  | 9,490E-02 | 4,365E+09 | -2,472E+09 | 1,400E+09                                  |
| 9                   | 5,793E+07   | 6,517E+07   | 1,228E+09   | 7,557E+16 | 4,651E+24  | 4,600E+10 | 3,641E+07 | 2,148E+07 | 1,002E+00  | 1,339E+00  | 8,418E-01  | 9,097E-01  | 6,791E-02 | 3,124E+09 | -1,896E+09 | 1,151E+09                                  |
| 10                  | 6,517E+07   | 7,241E+07   | 1,571E+09   | 1,081E+17 | 7,433E+24  | 4,600E+10 | 3,641E+07 | 2,148E+07 | 1,339E+00  | 1,676E+00  | 9,097E-01  | 9,531E-01  | 4,343E-02 | 1,998E+09 | -4,269E+08 | 9,123E+07                                  |
| 11                  | 7,241E+07   | 7,965E+07   | 1,135E+09   | 8,631E+16 | 6,562E+24  | 4,600E+10 | 3,641E+07 | 2,148E+07 | 1,676E+00  | 2,013E+00  | 9,531E-01  | 9,780E-01  | 2,481E-02 | 1,142E+09 | -6,258E+06 | 3,431E+04                                  |
| 12                  | 7,965E+07   | 8,689E+07   | 1,157E+09   | 9,638E+16 | 8,025E+24  | 4,600E+10 | 3,641E+07 | 2,148E+07 | 2,013E+00  | 2,350E+00  | 9,780E-01  | 9,906E-01  | 1,267E-02 | 5,828E+08 | 5,747E+08  | 5,667E+08                                  |
| 13                  | 8,689E+07   | 9,412E+07   | 6,342E+08   | 5,740E+16 | 5,195E+24  | 4,600E+10 | 3,641E+07 | 2,148E+07 | 2,350E+00  | 2,687E+00  | 9,906E-01  | 9,964E-01  | 5,779E-03 | 2,659E+08 | 3,683E+08  | 5,103E+08                                  |
| 14                  | 9,412E+07   | 1,014E+08   | 4,900E+08   | 4,790E+16 | 4,682E+24  | 4,600E+10 | 3,641E+07 | 2,148E+07 | 2,687E+00  | 3,024E+00  | 9,964E-01  | 9,988E-01  | 2,356E-03 | 1,084E+08 | 3,816E+08  | 1,344E+09                                  |
| 15                  | 1,014E+08   | 1,086E+08   | 5,312E+08   | 5,577E+16 | 5,855E+24  | 4,600E+10 | 3,641E+07 | 2,148E+07 | 3,024E+00  | 3,362E+00  | 9,988E-01  | 9,996E-01  | 8,579E-04 | 3,946E+07 | 4,918E+08  | 6,128E+09                                  |
| 16                  | 1,086E+08   | 1,158E+08   | 1,086E+08   | 1,219E+16 | 1,368E+24  | 4,600E+10 | 3,641E+07 | 2,148E+07 | 3,362E+00  | 3,699E+00  | 9,996E-01  | ---        | 3,876E-04 | 1,783E+07 | 9,079E+07  | 4,623E+08                                  |

| 006 - numero pacotes   |             |             |             |           |            |           |           |           |            |            |            |            |           |           |            |  |
|------------------------|-------------|-------------|-------------|-----------|------------|-----------|-----------|-----------|------------|------------|------------|------------|-----------|-----------|------------|--|
| Mínimo                 | 1,890E+02   |             |             |           |            |           |           |           |            |            |            |            |           |           |            |  |
| Máximo                 | 1,299E+05   |             |             |           |            |           |           |           |            |            |            |            |           |           |            |  |
| Amplitude              | 8,648E+03   |             |             |           |            |           |           |           |            |            |            |            |           |           |            |  |
| Analise                | S           |             |             |           |            |           |           |           |            |            |            |            |           |           |            |  |
| Soma SQL               | 7,172E+07   |             |             |           |            |           |           |           |            |            |            |            |           |           |            |  |
| Soma Linha (N)         | 7,172E+07   |             |             |           |            |           |           |           |            |            |            |            |           |           |            |  |
| Média amostral         | 5,150E+04   |             |             |           |            |           |           |           |            |            |            |            |           |           |            |  |
| Somatória fi * Pmi     | 3,693E+12   |             |             |           |            |           |           |           |            |            |            |            |           |           |            |  |
| Somatória fi * Pmi     | 2,328E+17   |             |             |           |            |           |           |           |            |            |            |            |           |           |            |  |
| Somatória fi * Pmi     | 5,150E+04   |             |             |           |            |           |           |           |            |            |            |            |           |           |            |  |
| Desvio padrão amos     | 2,438E+04   |             |             |           |            |           |           |           |            |            |            |            |           |           |            | Valor para teste de qui-quadrado 1,374E+07 |
| 007 - numero fluxos_IP |             |             |             |           |            |           |           |           |            |            |            |            |           |           |            |  |
| Mínimo                 | 4,800E+01   |             |             |           |            |           |           |           |            |            |            |            |           |           |            |  |
| Máximo                 | 5,209E+03   |             |             |           |            |           |           |           |            |            |            |            |           |           |            |  |
| Amplitude              | 3,450E+02   |             |             |           |            |           |           |           |            |            |            |            |           |           |            |  |
| Analise                | S           |             |             |           |            |           |           |           |            |            |            |            |           |           |            |  |
| Soma SQL               | 1,772E+06   |             |             |           |            |           |           |           |            |            |            |            |           |           |            |  |
| Soma Linha (N)         | 1,772E+06   |             |             |           |            |           |           |           |            |            |            |            |           |           |            |  |
| Média amostral         | 1,795E+03   |             |             |           |            |           |           |           |            |            |            |            |           |           |            |  |
| Somatória fi * Pmi     | 3,181E+09   |             |             |           |            |           |           |           |            |            |            |            |           |           |            |  |
| Somatória fi * Pmi     | 9,263E+12   |             |             |           |            |           |           |           |            |            |            |            |           |           |            |  |
| Somatória fi * Pmi     | 1,795E+03   |             |             |           |            |           |           |           |            |            |            |            |           |           |            | Valor para teste de qui-quadrado 1,475E+06 |
| Desvio padrão amos     | 1,416E+03   |             |             |           |            |           |           |           |            |            |            |            |           |           |            |  |
| Num                    | De (aberto) | Até (fechad | Ocorrências | Fi * Pmi  | Fi * Pmi^2 | N         | Média     | Desvio    | z lim.inf. | z lim.sup. | Norm.z inf | Norm.z sup | Prob      | Esperado  | Obs - Esp  | (O - e)^2/e                                |
| 1                      | 0,000E+00   | 8,743E+03   | 6,610E+05   | 2,890E+09 | 1,263E+13  | 7,172E+07 | 5,150E+04 | 2,438E+04 | -2,112E+00 | -1,754E+00 | ---        | 3,975E-02  | 3,975E-02 | 2,851E+06 | -2,190E+06 | 1,682E+06                                  |
| 2                      | 8,743E+03   | 1,739E+04   | 2,179E+06   | 2,847E+10 | 3,720E+14  | 7,172E+07 | 5,150E+04 | 2,438E+04 | -1,754E+00 | -1,399E+00 | 3,975E-02  | 8,092E-02  | 4,117E-02 | 2,953E+06 | -7,741E+05 | 2,030E+05                                  |
| 3                      | 1,739E+04   | 2,604E+04   | 5,868E+06   | 1,274E+11 | 2,767E+15  | 7,172E+07 | 5,150E+04 | 2,438E+04 | -1,399E+00 | -1,044E+00 | 8,092E-02  | 1,482E-01  | 6,727E-02 | 4,825E+06 | 1,044E+06  | 2,257E+05                                  |
| 4                      | 2,604E+04   | 3,469E+04   | 9,172E+06   | 2,785E+11 | 8,456E+15  | 7,172E+07 | 5,150E+04 | 2,438E+04 | -1,044E+00 | -6,895E-01 | 1,482E-01  | 2,452E-01  | 9,705E-02 | 6,961E+06 | 2,211E+06  | 7,025E+05                                  |
| 5                      | 3,469E+04   | 4,334E+04   | 1,199E+07   | 4,675E+11 | 1,824E+16  | 7,172E+07 | 5,150E+04 | 2,438E+04 | -6,895E-01 | -3,348E-01 | 2,452E-01  | 3,689E-01  | 1,236E-01 | 8,867E+06 | 3,118E+06  | 1,097E+06                                  |
| 6                      | 4,334E+04   | 5,198E+04   | 1,213E+07   | 5,781E+11 | 2,755E+16  | 7,172E+07 | 5,150E+04 | 2,438E+04 | -3,348E-01 | 1,985E-02  | 3,689E-01  | 5,079E-01  | 1,390E-01 | 9,972E+06 | 2,158E+06  | 4,672E+05                                  |
| 7                      | 5,198E+04   | 6,063E+04   | 9,366E+06   | 5,274E+11 | 2,970E+16  | 7,172E+07 | 5,150E+04 | 2,438E+04 | 1,985E-02  | 3,745E-01  | 5,079E-01  | 6,460E-01  | 1,381E-01 | 9,903E+06 | -5,367E+05 | 2,909E+04                                  |
| 8                      | 6,063E+04   | 6,928E+04   | 6,379E+06   | 4,144E+11 | 2,691E+16  | 7,172E+07 | 5,150E+04 | 2,438E+04 | 3,745E-01  | 7,292E-01  | 6,460E-01  | 7,671E-01  | 1,211E-01 | 8,683E+06 | -2,304E+06 | 6,113E+05                                  |
| 9                      | 6,928E+04   | 7,793E+04   | 3,939E+06   | 2,899E+11 | 2,134E+16  | 7,172E+07 | 5,150E+04 | 2,438E+04 | 7,292E-01  | 1,084E+00  | 7,671E-01  | 8,608E-01  | 9,373E-02 | 6,722E+06 | -2,783E+06 | 1,152E+06                                  |
| 10                     | 7,793E+04   | 8,658E+04   | 2,796E+06   | 2,300E+11 | 1,892E+16  | 7,172E+07 | 5,150E+04 | 2,438E+04 | 1,084E+00  | 1,439E+00  | 8,608E-01  | 9,249E-01  | 6,407E-02 | 4,595E+06 | -1,799E+06 | 7,043E+05                                  |
| 11                     | 8,658E+04   | 9,522E+04   | 2,643E+06   | 2,403E+11 | 2,184E+16  | 7,172E+07 | 5,150E+04 | 2,438E+04 | 1,439E+00  | 1,793E+00  | 9,249E-01  | 9,635E-01  | 3,867E-02 | 2,773E+06 | -1,302E+05 | 6,111E+03                                  |
| 12                     | 9,522E+04   | 1,039E+05   | 1,684E+06   | 1,676E+11 | 1,669E+16  | 7,172E+07 | 5,150E+04 | 2,438E+04 | 1,793E+00  | 2,148E+00  | 9,635E-01  | 9,841E-01  | 2,061E-02 | 1,478E+06 | 2,060E+05  | 2,871E+04                                  |
| 13                     | 1,039E+05   | 1,125E+05   | 1,102E+06   | 1,193E+11 | 1,291E+16  | 7,172E+07 | 5,150E+04 | 2,438E+04 | 2,148E+00  | 2,503E+00  | 9,841E-01  | 9,938E-01  | 9,695E-03 | 6,953E+05 | 4,072E+05  | 2,384E+05                                  |
| 14                     | 1,125E+05   | 1,212E+05   | 8,157E+05   | 9,531E+10 | 1,114E+16  | 7,172E+07 | 5,150E+04 | 2,438E+04 | 2,503E+00  | 2,857E+00  | 9,938E-01  | 9,979E-01  | 4,027E-03 | 2,888E+05 | 5,269E+05  | 9,613E+05                                  |
| 15                     | 1,212E+05   | 1,298E+05   | 8,684E+05   | 1,090E+11 | 1,368E+16  | 7,172E+07 | 5,150E+04 | 2,438E+04 | 2,857E+00  | 3,212E+00  | 9,979E-01  | 9,993E-01  | 1,477E-03 | 1,059E+05 | 7,625E+05  | 5,489E+06                                  |
| 16                     | 1,298E+05   | 1,385E+05   | 1,299E+05   | 1,742E+10 | 2,337E+15  | 7,172E+07 | 5,150E+04 | 2,438E+04 | 3,212E+00  | 3,567E+00  | 9,993E-01  | ---        | 6,590E-04 | 4,727E+04 | 8,263E+04  | 1,445E+05                                  |
| Num                    | De (aberto) | Até (fechad | Ocorrências | Fi * Pmi  | Fi * Pmi^2 | N         | Média     | Desvio    | z lim.inf. | z lim.sup. | Norm.z inf | Norm.z sup | Prob      | Esperado  | Obs - Esp  | (O - e)^2/e                                |
| 1                      | 0,000E+00   | 3,690E+02   | 1,474E+05   | 2,720E+07 | 5,018E+09  | 1,772E+06 | 1,795E+03 | 1,416E+03 | -1,268E+00 | -1,008E+00 | ---        | 1,568E-01  | 1,568E-01 | 2,779E+05 | -1,305E+05 | 6,127E+04                                  |
| 2                      | 3,690E+02   | 7,140E+02   | 2,018E+05   | 1,093E+08 | 5,917E+10  | 1,772E+06 | 1,795E+03 | 1,416E+03 | -1,008E+00 | -7,638E-01 | 1,568E-01  | 2,225E-01  | 6,564E-02 | 1,163E+05 | 8,551E+04  | 6,287E+04                                  |
| 3                      | 7,140E+02   | 1,059E+03   | 2,703E+05   | 2,396E+08 | 2,124E+11  | 1,772E+06 | 1,795E+03 | 1,416E+03 | -7,638E-01 | -5,202E-01 | 2,225E-01  | 3,015E-01  | 7,899E-02 | 1,400E+05 | 1,303E+05  | 1,214E+05                                  |
| 4                      | 1,059E+03   | 1,404E+03   | 3,957E+05   | 4,874E+08 | 6,002E+11  | 1,772E+06 | 1,795E+03 | 1,416E+03 | -5,202E-01 | -2,765E-01 | 3,015E-01  | 3,911E-01  | 8,961E-02 | 1,588E+05 | 2,370E+05  | 3,573E+05                                  |
| 5                      | 1,404E+03   | 1,749E+03   | 1,922E+05   | 3,031E+08 | 4,778E+11  | 1,772E+06 | 1,795E+03 | 1,416E+03 | -2,765E-01 | -3,282E-02 | 3,911E-01  | 4,869E-01  | 9,583E-02 | 1,588E+05 | 2,247E+04  | 2,973E+03                                  |
| 6                      | 1,749E+03   | 2,094E+03   | 8,810E+04   | 1,693E+08 | 3,253E+11  | 1,772E+06 | 1,795E+03 | 1,416E+03 | -3,282E-02 | 2,109E-01  | 4,869E-01  | 5,835E-01  | 9,659E-02 | 1,711E+05 | -8,304E+04 | 4,029E+04                                  |
| 7                      | 2,094E+03   | 2,439E+03   | 6,097E+04   | 1,382E+08 | 3,132E+11  | 1,772E+06 | 1,795E+03 | 1,416E+03 | 2,109E-01  | 4,545E-01  | 5,835E-01  | 6,753E-01  | 9,178E-02 | 1,626E+05 | -1,016E+05 | 6,353E+04                                  |
| 8                      | 2,439E+03   | 2,784E+03   | 4,395E+04   | 1,148E+08 | 2,997E+11  | 1,772E+06 | 1,795E+03 | 1,416E+03 | 4,545E-01  | 6,982E-01  | 6,753E-01  | 7,575E-01  | 8,220E-02 | 1,456E+05 | -1,017E+05 | 7,101E+04                                  |
| 9                      | 2,784E+03   | 3,129E+03   | 2,623E+04   | 7,756E+07 | 2,293E+11  | 1,772E+06 | 1,795E+03 | 1,416E+03 | 6,982E-01  | 9,419E-01  | 7,575E-01  | 8,269E-01  | 6,940E-02 | 1,230E+05 | -9,672E+04 | 7,609E+04                                  |
| 10                     | 3,129E+03   | 3,474E+03   | 2,606E+04   | 8,604E+07 | 2,841E+11  | 1,772E+06 | 1,795E+03 | 1,416E+03 | 9,419E-01  | 1,186E+00  | 8,269E-01  | 8,821E-01  | 5,523E-02 | 9,785E+04 | -7,179E+04 | 5,267E+04                                  |
| 11                     | 3,474E+03   | 3,819E+03   | 3,250E+04   | 1,185E+08 | 4,321E+11  | 1,772E+06 | 1,795E+03 | 1,416E+03 | 1,186E+00  | 1,429E+00  | 8,821E-01  | 9,235E-01  | 4,143E-02 | 7,340E+04 | -4,091E+04 | 2,280E+04                                  |
| 12                     | 3,819E+03   | 4,164E+03   | 3,217E+04   | 1,284E+08 | 5,126E+11  | 1,772E+06 | 1,795E+03 | 1,416E+03 | 1,429E+00  | 1,673E+00  | 9,235E-01  | 9,528E-01  | 2,930E-02 | 5,191E+04 | -1,973E+04 | 7,502E+03                                  |
| 13                     | 4,164E+03   | 4,509E+03   | 9,113E+04   | 3,952E+08 | 1,714E+12  | 1,772E+06 | 1,795E+03 | 1,416E+03 | 1,673E+00  | 1,917E+00  | 9,528E-01  | 9,724E-01  | 1,953E-02 | 3,460E+04 | 5,653E+04  | 9,237E+04                                  |
| 14                     | 4,509E+03   | 4,854E+03   | 1,024E+05   | 4,793E+08 | 2,244E+12  | 1,772E+06 | 1,795E+03 | 1,416E+03 | 1,917E+00  | 2,160E+00  | 9,724E-01  | 9,846E-01  | 1,227E-02 | 2,174E+04 | 8,065E+04  | 2,992E+05                                  |
| 15                     | 4,854E+03   | 5,199E+03   | 5,559E+04   | 2,794E+08 | 1,404E+12  | 1,772E+06 | 1,795E+03 | 1,416E+03 | 2,160E+00  | 2,404E+00  | 9,846E-01  | 9,919E-01  | 7,266E-03 | 1,287E+04 | 4,271E+04  | 1,417E+05                                  |
| 16                     | 5,199E+03   | 5,544E+03   | 5,209E+03   | 2,798E+07 | 1,503E+11  | 1,772E+06 | 1,795E+03 | 1,416E+03 | 2,404E+00  | 2,648E+00  | 9,919E-01  | ---        | 8,109E-03 | 1,437E+04 | -9,159E+03 | 5,839E+03                                  |

| 008 - numero_bytes_IP_fd |             |             |             |           |            |           |           |           |            |            |            |            |           |           |            |  |
|--------------------------|-------------|-------------|-------------|-----------|------------|-----------|-----------|-----------|------------|------------|------------|------------|-----------|-----------|------------|--|
| Mínimo                   | 1,492E+04   |             |             |           |            |           |           |           |            |            |            |            |           |           |            |  |
| Máximo                   | 9,145E+07   |             |             |           |            |           |           |           |            |            |            |            |           |           |            |  |
| Amplitude                | 6,095E+06   |             |             |           |            |           |           |           |            |            |            |            |           |           |            |  |
| Analise                  | S           |             |             |           |            |           |           |           |            |            |            |            |           |           |            |  |
| Soma SQL                 | 1,790E+10   |             |             |           |            |           |           |           |            |            |            |            |           |           |            |  |
| Soma Linha (N)           | 1,790E+10   |             |             |           |            |           |           |           |            |            |            |            |           |           |            |  |
| Média amostral           | 2,227E+07   |             |             |           |            |           |           |           |            |            |            |            |           |           |            |  |
| Somatória fi * Pmi       | 3,986E+17   |             |             |           |            |           |           |           |            |            |            |            |           |           |            |  |
| Somatória fi * Pmi       | 1,612E+25   |             |             |           |            |           |           |           |            |            |            |            |           |           |            |  |
| Somatória fi * Pmi       | 2,227E+07   |             |             |           |            |           |           |           |            |            |            |            |           |           |            |  |
| Desvio padrão amos       | 2,011E+07   |             |             |           |            |           |           |           |            |            |            |            |           |           |            | Valor para teste de qui-quadrado 1,386E+10 |
| Num                      | De (aberto) | Até (fechad | Ocorrências | Fi * Pmi  | Fi * Pmi^2 | N         | Média     | Desvio    | z lim.inf. | z lim.sup. | Norm.z inf | Norm.z sup | Prob      | Esperado  | Obs - Esp  | (O - e)^2/e                                |
| 1                        | 0,000E+00   | 6,103E+06   | 2,553E+09   | 7,791E+15 | 2,377E+22  | 1,790E+10 | 2,227E+07 | 2,011E+07 | -1,107E+00 | -8,040E-01 | ---        | 2,107E-01  | 2,107E-01 | 3,771E+09 | -1,218E+09 | 3,932E+08                                  |
| 2                        | 6,103E+06   | 1,220E+07   | 5,009E+09   | 4,583E+16 | 4,194E+23  | 1,790E+10 | 2,227E+07 | 2,011E+07 | -8,040E-01 | -5,009E-01 | 2,107E-01  | 3,082E-01  | 9,752E-02 | 1,745E+09 | 3,263E+09  | 6,101E+09                                  |
| 3                        | 1,220E+07   | 1,829E+07   | 3,095E+09   | 4,719E+16 | 7,195E+23  | 1,790E+10 | 2,227E+07 | 2,011E+07 | -5,009E-01 | -1,978E-01 | 3,082E-01  | 4,216E-01  | 1,134E-01 | 2,029E+09 | 1,066E+09  | 5,602E+08                                  |
| 4                        | 1,829E+07   | 2,439E+07   | 1,837E+09   | 3,921E+16 | 8,368E+23  | 1,790E+10 | 2,227E+07 | 2,011E+07 | -1,978E-01 | 1,053E-01  | 4,216E-01  | 5,419E-01  | 1,203E-01 | 2,154E+09 | -3,163E+08 | 4,646E+07                                  |
| 5                        | 2,439E+07   | 3,048E+07   | 1,279E+09   | 3,509E+16 | 9,628E+23  | 1,790E+10 | 2,227E+07 | 2,011E+07 | 1,053E-01  | 4,084E-01  | 5,419E-01  | 6,585E-01  | 1,166E-01 | 2,086E+09 | -8,074E+08 | 3,125E+08                                  |
| 6                        | 3,048E+07   | 3,658E+07   | 4,297E+08   | 1,441E+16 | 4,831E+23  | 1,790E+10 | 2,227E+07 | 2,011E+07 | 4,084E-01  | 7,115E-01  | 6,585E-01  | 7,616E-01  | 1,031E-01 | 1,845E+09 | -1,416E+09 | 1,086E+09                                  |
| 7                        | 3,658E+07   | 4,267E+07   | 6,325E+08   | 2,507E+16 | 9,933E+23  | 1,790E+10 | 2,227E+07 | 2,011E+07 | 7,115E-01  | 1,015E+00  | 7,616E-01  | 8,448E-01  | 8,324E-02 | 1,490E+09 | -8,573E+08 | 4,933E+08                                  |
| 8                        | 4,267E+07   | 4,877E+07   | 8,704E+08   | 3,980E+16 | 1,820E+24  | 1,790E+10 | 2,227E+07 | 2,011E+07 | 1,015E+00  | 1,318E+00  | 8,448E-01  | 9,062E-01  | 6,135E-02 | 1,098E+09 | -2,275E+08 | 4,715E+07                                  |
| 9                        | 4,877E+07   | 5,487E+07   | 6,121E+08   | 3,172E+16 | 1,644E+24  | 1,790E+10 | 2,227E+07 | 2,011E+07 | 1,318E+00  | 1,621E+00  | 9,062E-01  | 9,475E-01  | 4,127E-02 | 7,387E+08 | -1,266E+08 | 2,169E+07                                  |
| 10                       | 5,487E+07   | 6,096E+07   | 3,971E+08   | 2,299E+16 | 1,332E+24  | 1,790E+10 | 2,227E+07 | 2,011E+07 | 1,621E+00  | 1,924E+00  | 9,475E-01  | 9,728E-01  | 2,535E-02 | 4,537E+08 | -5,661E+07 | 7,065E+06                                  |
| 11                       | 6,096E+07   | 6,706E+07   | 3,229E+08   | 2,067E+16 | 1,323E+24  | 1,790E+10 | 2,227E+07 | 2,011E+07 | 1,924E+00  | 2,227E+00  | 9,728E-01  | 9,870E-01  | 1,421E-02 | 2,543E+08 | 6,852E+07  | 1,846E+07                                  |
| 12                       | 6,706E+07   | 7,315E+07   | 1,374E+08   | 9,634E+15 | 6,754E+23  | 1,790E+10 | 2,227E+07 | 2,011E+07 | 2,227E+00  | 2,530E+00  | 9,870E-01  | 9,943E-01  | 7,273E-03 | 1,302E+08 | 7,254E+06  | 4,043E+05                                  |
| 13                       | 7,315E+07   | 7,925E+07   | 3,005E+08   | 2,290E+16 | 1,745E+24  | 1,790E+10 | 2,227E+07 | 2,011E+07 | 2,530E+00  | 2,833E+00  | 9,943E-01  | 9,977E-01  | 3,398E-03 | 6,081E+07 | 2,397E+08  | 9,450E+08                                  |
| 14                       | 7,925E+07   | 8,534E+07   | 2,444E+08   | 2,012E+16 | 1,655E+24  | 1,790E+10 | 2,227E+07 | 2,011E+07 | 2,833E+00  | 3,136E+00  | 9,977E-01  | 9,991E-01  | 1,449E-03 | 2,593E+07 | 2,185E+08  | 1,841E+09                                  |
| 15                       | 8,534E+07   | 9,144E+07   | 8,541E+07   | 7,550E+15 | 6,673E+23  | 1,790E+10 | 2,227E+07 | 2,011E+07 | 3,136E+00  | 3,439E+00  | 9,991E-01  | 9,997E-01  | 5,641E-04 | 1,010E+07 | 7,532E+07  | 5,619E+08                                  |
| 16                       | 9,144E+07   | 9,753E+07   | 9,145E+07   | 8,640E+15 | 8,164E+23  | 1,790E+10 | 2,227E+07 | 2,011E+07 | 3,439E+00  | 3,742E+00  | 9,997E-01  | ---        | 2,916E-04 | 5,219E+06 | 8,623E+07  | 1,425E+09                                  |
| 009 - numero_bytes_IP_df |             |             |             |           |            |           |           |           |            |            |            |            |           |           |            |  |
| Mínimo                   | 2,066E+03   |             |             |           |            |           |           |           |            |            |            |            |           |           |            |  |
| Máximo                   | 8,116E+07   |             |             |           |            |           |           |           |            |            |            |            |           |           |            |  |
| Amplitude                | 5,411E+06   |             |             |           |            |           |           |           |            |            |            |            |           |           |            |  |
| Analise                  | S           |             |             |           |            |           |           |           |            |            |            |            |           |           |            |  |
| Soma SQL                 | 2,810E+10   |             |             |           |            |           |           |           |            |            |            |            |           |           |            |  |
| Soma Linha (N)           | 2,810E+10   |             |             |           |            |           |           |           |            |            |            |            |           |           |            |  |
| Média amostral           | 2,184E+07   |             |             |           |            |           |           |           |            |            |            |            |           |           |            |  |
| Somatória fi * Pmi       | 6,136E+17   |             |             |           |            |           |           |           |            |            |            |            |           |           |            |  |
| Somatória fi * Pmi       | 1,778E+25   |             |             |           |            |           |           |           |            |            |            |            |           |           |            |  |
| Somatória fi * Pmi       | 2,184E+07   |             |             |           |            |           |           |           |            |            |            |            |           |           |            | Valor para teste de qui-quadrado 2,794E+11 |
| Desvio padrão amos       | 1,249E+07   |             |             |           |            |           |           |           |            |            |            |            |           |           |            |  |
| Num                      | De (aberto) | Até (fechad | Ocorrências | Fi * Pmi  | Fi * Pmi^2 | N         | Média     | Desvio    | z lim.inf. | z lim.sup. | Norm.z inf | Norm.z sup | Prob      | Esperado  | Obs - Esp  | (O - e)^2/e                                |
| 1                        | 0,000E+00   | 5,412E+06   | 5,601E+08   | 1,516E+15 | 4,101E+21  | 2,810E+10 | 2,184E+07 | 1,249E+07 | -1,749E+00 | -1,316E+00 | ---        | 9,417E-02  | 9,417E-02 | 2,646E+09 | -2,086E+09 | 1,644E+09                                  |
| 2                        | 5,412E+06   | 1,082E+07   | 3,079E+09   | 2,499E+16 | 2,029E+23  | 2,810E+10 | 2,184E+07 | 1,249E+07 | -1,316E+00 | -8,822E-01 | 9,417E-02  | 1,888E-01  | 9,467E-02 | 2,660E+09 | 4,190E+08  | 6,600E+07                                  |
| 3                        | 1,082E+07   | 1,623E+07   | 7,053E+09   | 9,542E+16 | 1,291E+24  | 2,810E+10 | 2,184E+07 | 1,249E+07 | -8,822E-01 | -4,489E-01 | 1,888E-01  | 3,268E-01  | 1,379E-01 | 3,268E+09 | 3,178E+09  | 2,606E+09                                  |
| 4                        | 1,623E+07   | 2,164E+07   | 6,300E+09   | 1,193E+17 | 2,260E+24  | 2,810E+10 | 2,184E+07 | 1,249E+07 | -4,489E-01 | -1,552E-02 | 3,268E-01  | 4,938E-01  | 1,670E-01 | 4,694E+09 | 1,606E+09  | 5,497E+08                                  |
| 5                        | 2,164E+07   | 2,705E+07   | 4,076E+09   | 9,925E+16 | 2,417E+24  | 2,810E+10 | 2,184E+07 | 1,249E+07 | -1,552E-02 | 4,178E-01  | 4,938E-01  | 6,620E-01  | 1,681E-01 | 4,629E+09 | -6,486E+08 | 8,904E+07                                  |
| 6                        | 2,705E+07   | 3,247E+07   | 2,732E+09   | 8,131E+16 | 2,420E+24  | 2,810E+10 | 2,184E+07 | 1,249E+07 | 4,178E-01  | 8,511E-01  | 6,620E-01  | 8,027E-01  | 1,407E-01 | 3,953E+09 | -1,221E+09 | 3,772E+08                                  |
| 7                        | 3,247E+07   | 3,788E+07   | 1,659E+09   | 5,834E+16 | 2,052E+24  | 2,810E+10 | 2,184E+07 | 1,249E+07 | 8,511E-01  | 1,284E+00  | 8,027E-01  | 9,005E-01  | 9,786E-02 | 2,750E+09 | -1,091E+09 | 4,329E+08                                  |
| 8                        | 3,788E+07   | 4,329E+07   | 1,060E+09   | 4,302E+16 | 1,746E+24  | 2,810E+10 | 2,184E+07 | 1,249E+07 | 1,284E+00  | 1,718E+00  | 9,005E-01  | 9,571E-01  | 5,657E-02 | 1,590E+09 | -5,295E+08 | 1,764E+08                                  |
| 9                        | 4,329E+07   | 4,870E+07   | 5,836E+08   | 2,684E+16 | 1,234E+24  | 2,810E+10 | 2,184E+07 | 1,249E+07 | 1,718E+00  | 2,151E+00  | 9,571E-01  | 9,843E-01  | 2,718E-02 | 7,638E+08 | -1,802E+08 | 4,253E+07                                  |
| 10                       | 4,870E+07   | 5,411E+07   | 2,018E+08   | 1,037E+16 | 5,333E+23  | 2,810E+10 | 2,184E+07 | 1,249E+07 | 2,151E+00  | 2,584E+00  | 9,843E-01  | 9,951E-01  | 1,086E-02 | 3,051E+08 | -1,032E+08 | 3,493E+07                                  |
| 11                       | 5,411E+07   | 5,952E+07   | 1,147E+08   | 6,519E+15 | 3,704E+23  | 2,810E+10 | 2,184E+07 | 1,249E+07 | 2,584E+00  | 3,018E+00  | 9,951E-01  | 9,987E-01  | 3,604E-03 | 1,013E+08 | 1,348E+07  | 1,795E+06                                  |
| 12                       | 5,952E+07   | 6,493E+07   | 3,135E+08   | 1,951E+16 | 1,214E+24  | 2,810E+10 | 2,184E+07 | 1,249E+07 | 3,018E+00  | 3,451E+00  | 9,987E-01  | 9,997E-01  | 9,941E-04 | 2,793E+07 | 2,855E+08  | 2,919E+09                                  |
| 13                       | 6,493E+07   | 7,034E+07   | 6,616E+07   | 4,475E+15 | 3,027E+23  | 2,810E+10 | 2,184E+07 | 1,249E+07 | 3,451E+00  | 3,884E+00  | 9,997E-01  | 9,999E-01  | 2,279E-04 | 6,404E+06 | 5,976E+07  | 5,577E+08                                  |
| 14                       | 7,034E+07   | 7,575E+07   | 2,182E+08   | 1,594E+16 | 1,164E+24  | 2,810E+10 | 2,184E+07 | 1,249E+07 | 3,884E+00  | 4,318E+00  | 9,999E-01  | 1,000E+00  | 4,342E-05 | 1,220E+06 | 2,169E+08  | 3,858E+10                                  |
| 15                       | 7,575E+07   | 8,116E+07   | 0,000E+00   | 0,000E+00 | 0,000E+00  | 2,810E+10 | 2,184E+07 | 1,249E+07 | 4,318E+00  | 4,751E+00  | 1,000E+00  | 1,000E+00  | 6,874E-06 | 1,932E+05 | -1,932E+05 | 1,392E+05                                  |
| 16                       | 8,116E+07   | 8,657E+07   | 8,116E+07   | 6,807E+15 | 5,709E+23  | 2,810E+10 | 2,184E+07 | 1,249E+07 | 4,751E+00  | 5,184E+00  | 1,000E+00  | ---        | 1,013E-06 | 2,846E+04 | 8,113E+07  | 2,313E+11                                  |



| 010 - numero pacotes_IP_df |             |             |             |           |            |           |           |           |            |            |            |            |           |           |            |  |
|----------------------------|-------------|-------------|-------------|-----------|------------|-----------|-----------|-----------|------------|------------|------------|------------|-----------|-----------|------------|--|
| Mínimo                     | 1,480E+02   |             |             |           |            |           |           |           |            |            |            |            |           |           |            |  |
| Máximo                     | 7,848E+04   |             |             |           |            |           |           |           |            |            |            |            |           |           |            |  |
| Amplitude                  | 5,223E+03   |             |             |           |            |           |           |           |            |            |            |            |           |           |            |  |
| Analise                    | S           |             |             |           |            |           |           |           |            |            |            |            |           |           |            |  |
| Soma SQL                   | 3,823E+07   |             |             |           |            |           |           |           |            |            |            |            |           |           |            |  |
| Soma Linha (N)             | 3,823E+07   |             |             |           |            |           |           |           |            |            |            |            |           |           |            |  |
| Média amostral             | 2,780E+04   |             |             |           |            |           |           |           |            |            |            |            |           |           |            |  |
| Somatória fi * Pmi         | 1,063E+12   |             |             |           |            |           |           |           |            |            |            |            |           |           |            |  |
| Somatória fi * Pmi         | 3,695E+16   |             |             |           |            |           |           |           |            |            |            |            |           |           |            |  |
| Somatória fi * Pmi         | 2,780E+04   |             |             |           |            |           |           |           |            |            |            |            |           |           |            |  |
| Desvio padrão amos         | 1,391E+04   |             |             |           |            |           |           |           |            |            |            |            |           |           |            | Valor para teste de qui-quadrado 9,931E+06 |
| Num                        | De (aberto) | Até (fechad | Ocorrências | Fi * Pmi  | Fi * Pmi^2 | N         | Média     | Desvio    | z lim.inf. | z lim.sup. | Norm.z inf | Norm.z sup | Prob      | Esperado  | Obs - Esp  | (O - e)^2/e                                |
| 1                          | 0,000E+00   | 5,297E+03   | 5,841E+05   | 1,547E+09 | 4,097E+12  | 3,823E+07 | 2,780E+04 | 1,391E+04 | -1,999E+00 | -1,618E+00 | ---        | 5,280E-02  | 5,280E-02 | 2,018E+06 | -1,434E+06 | 1,019E+06                                  |
| 2                          | 5,297E+03   | 1,052E+04   | 1,788E+06   | 1,414E+10 | 1,118E+14  | 3,823E+07 | 2,780E+04 | 1,391E+04 | -1,618E+00 | -1,243E+00 | 5,280E-02  | 1,070E-01  | 5,418E-02 | 2,071E+06 | -2,834E+05 | 3,876E+04                                  |
| 3                          | 1,052E+04   | 1,574E+04   | 4,054E+06   | 5,324E+10 | 6,991E+14  | 3,823E+07 | 2,780E+04 | 1,391E+04 | -1,243E+00 | -8,672E-01 | 1,070E-01  | 1,929E-01  | 8,594E-02 | 3,285E+06 | 7,687E+05  | 1,799E+05                                  |
| 4                          | 1,574E+04   | 2,097E+04   | 6,512E+06   | 1,195E+11 | 2,194E+15  | 3,823E+07 | 2,780E+04 | 1,391E+04 | -8,672E-01 | -4,916E-01 | 1,929E-01  | 3,115E-01  | 1,186E-01 | 4,533E+06 | 1,980E+06  | 8,646E+05                                  |
| 5                          | 2,097E+04   | 2,619E+04   | 7,500E+06   | 1,768E+11 | 4,169E+15  | 3,823E+07 | 2,780E+04 | 1,391E+04 | -4,916E-01 | -1,161E-01 | 3,115E-01  | 4,538E-01  | 1,423E-01 | 5,440E+06 | 2,060E+06  | 7,799E+05                                  |
| 6                          | 2,619E+04   | 3,141E+04   | 5,912E+06   | 1,703E+11 | 4,904E+15  | 3,823E+07 | 2,780E+04 | 1,391E+04 | -1,161E-01 | 2,595E-01  | 4,538E-01  | 6,024E-01  | 1,486E-01 | 5,680E+06 | 2,322E+05  | 9,490E+03                                  |
| 7                          | 3,141E+04   | 3,664E+04   | 3,482E+06   | 1,185E+11 | 4,031E+15  | 3,823E+07 | 2,780E+04 | 1,391E+04 | 2,595E-01  | 6,351E-01  | 6,024E-01  | 7,373E-01  | 1,349E-01 | 5,158E+06 | -1,676E+06 | 5,446E+05                                  |
| 8                          | 3,664E+04   | 4,186E+04   | 2,888E+06   | 1,133E+11 | 4,448E+15  | 3,823E+07 | 2,780E+04 | 1,391E+04 | 6,351E-01  | 1,011E+00  | 7,373E-01  | 8,439E-01  | 1,066E-01 | 4,075E+06 | -1,187E+06 | 3,459E+05                                  |
| 9                          | 4,186E+04   | 4,708E+04   | 2,084E+06   | 9,270E+10 | 4,122E+15  | 3,823E+07 | 2,780E+04 | 1,391E+04 | 1,011E+00  | 1,386E+00  | 8,439E-01  | 9,172E-01  | 7,325E-02 | 2,800E+06 | -7,159E+05 | 1,830E+05                                  |
| 10                         | 4,708E+04   | 5,230E+04   | 8,415E+05   | 4,181E+10 | 2,078E+15  | 3,823E+07 | 2,780E+04 | 1,391E+04 | 1,386E+00  | 1,762E+00  | 9,172E-01  | 9,609E-01  | 4,379E-02 | 1,674E+06 | -8,326E+05 | 4,141E+05                                  |
| 11                         | 5,230E+04   | 5,753E+04   | 9,276E+05   | 5,094E+10 | 2,797E+15  | 3,823E+07 | 2,780E+04 | 1,391E+04 | 1,762E+00  | 2,137E+00  | 9,609E-01  | 9,837E-01  | 2,277E-02 | 8,705E+05 | 5,710E+04  | 3,745E+03                                  |
| 12                         | 5,753E+04   | 6,275E+04   | 6,085E+05   | 3,660E+10 | 2,201E+15  | 3,823E+07 | 2,780E+04 | 1,391E+04 | 2,137E+00  | 2,513E+00  | 9,837E-01  | 9,940E-01  | 1,030E-02 | 3,937E+05 | 2,148E+05  | 1,172E+05                                  |
| 13                         | 6,275E+04   | 6,797E+04   | 4,552E+05   | 2,975E+10 | 1,944E+15  | 3,823E+07 | 2,780E+04 | 1,391E+04 | 2,513E+00  | 2,888E+00  | 9,940E-01  | 9,981E-01  | 4,052E-03 | 1,549E+05 | 3,002E+05  | 5,819E+05                                  |
| 14                         | 6,797E+04   | 7,320E+04   | 2,872E+05   | 2,027E+10 | 1,431E+15  | 3,823E+07 | 2,780E+04 | 1,391E+04 | 2,888E+00  | 3,264E+00  | 9,981E-01  | 9,995E-01  | 1,387E-03 | 5,301E+04 | 2,341E+05  | 1,034E+06                                  |
| 15                         | 7,320E+04   | 7,842E+04   | 2,255E+05   | 1,709E+10 | 1,296E+15  | 3,823E+07 | 2,780E+04 | 1,391E+04 | 3,264E+00  | 3,640E+00  | 9,995E-01  | 9,999E-01  | 4,128E-04 | 1,578E+04 | 2,097E+05  | 2,787E+06                                  |
| 16                         | 7,842E+04   | 8,364E+04   | 7,848E+04   | 6,359E+09 | 5,153E+14  | 3,823E+07 | 2,780E+04 | 1,391E+04 | 3,640E+00  | 4,015E+00  | 9,999E-01  | ---        | 1,366E-04 | 5,223E+03 | 7,326E+04  | 1,028E+06                                  |
| 011 - numero pacotes_IP_df |             |             |             |           |            |           |           |           |            |            |            |            |           |           |            |  |
| Mínimo                     | 1,500E+01   |             |             |           |            |           |           |           |            |            |            |            |           |           |            |  |
| Máximo                     | 6,473E+04   |             |             |           |            |           |           |           |            |            |            |            |           |           |            |  |
| Amplitude                  | 4,314E+03   |             |             |           |            |           |           |           |            |            |            |            |           |           |            |  |
| Analise                    | S           |             |             |           |            |           |           |           |            |            |            |            |           |           |            |  |
| Soma SQL                   | 3,344E+07   |             |             |           |            |           |           |           |            |            |            |            |           |           |            |  |
| Soma Linha (N)             | 3,344E+07   |             |             |           |            |           |           |           |            |            |            |            |           |           |            |  |
| Média amostral             | 2,446E+04   |             |             |           |            |           |           |           |            |            |            |            |           |           |            |  |
| Somatória fi * Pmi         | 8,181E+11   |             |             |           |            |           |           |           |            |            |            |            |           |           |            |  |
| Somatória fi * Pmi         | 2,442E+16   |             |             |           |            |           |           |           |            |            |            |            |           |           |            |  |
| Somatória fi * Pmi         | 2,446E+04   |             |             |           |            |           |           |           |            |            |            |            |           |           |            | Valor para teste de qui-quadrado 6,435E+06 |
| Desvio padrão amos         | 1,148E+04   |             |             |           |            |           |           |           |            |            |            |            |           |           |            |  |
| Num                        | De (aberto) | Até (fechad | Ocorrências | Fi * Pmi  | Fi * Pmi^2 | N         | Média     | Desvio    | z lim.inf. | z lim.sup. | Norm.z inf | Norm.z sup | Prob      | Esperado  | Obs - Esp  | (O - e)^2/e                                |
| 1                          | 0,000E+00   | 4,322E+03   | 2,825E+05   | 6,106E+08 | 1,319E+12  | 3,344E+07 | 2,446E+04 | 1,148E+04 | -2,131E+00 | -1,755E+00 | ---        | 3,965E-02  | 3,965E-02 | 1,326E+06 | -1,043E+06 | 8,210E+05                                  |
| 2                          | 4,322E+03   | 8,636E+03   | 1,250E+06   | 8,098E+09 | 5,247E+13  | 3,344E+07 | 2,446E+04 | 1,148E+04 | -1,755E+00 | -1,379E+00 | 3,965E-02  | 8,395E-02  | 4,431E-02 | 1,482E+06 | -2,318E+05 | 3,628E+04                                  |
| 3                          | 8,636E+03   | 1,295E+04   | 2,822E+06   | 3,046E+10 | 3,287E+14  | 3,344E+07 | 2,446E+04 | 1,148E+04 | -1,379E+00 | -1,003E+00 | 8,395E-02  | 1,579E-01  | 7,395E-02 | 2,473E+06 | 3,491E+05  | 4,928E+04                                  |
| 4                          | 1,295E+04   | 1,726E+04   | 5,213E+06   | 7,875E+10 | 1,190E+15  | 3,344E+07 | 2,446E+04 | 1,148E+04 | -1,003E+00 | -6,273E-01 | 1,579E-01  | 2,652E-01  | 1,073E-01 | 3,590E+06 | 1,623E+06  | 7,338E+05                                  |
| 5                          | 1,726E+04   | 2,158E+04   | 6,125E+06   | 1,190E+11 | 2,310E+15  | 3,344E+07 | 2,446E+04 | 1,148E+04 | -6,273E-01 | -2,514E-01 | 2,652E-01  | 4,007E-01  | 1,355E-01 | 4,573E+06 | 1,594E+06  | 5,606E+05                                  |
| 6                          | 2,158E+04   | 2,589E+04   | 5,104E+06   | 1,211E+11 | 2,875E+15  | 3,344E+07 | 2,446E+04 | 1,148E+04 | -2,514E-01 | 1,244E-01  | 4,007E-01  | 5,495E-01  | 1,488E-01 | 4,975E+06 | 1,291E+05  | 3,350E+03                                  |
| 7                          | 2,589E+04   | 3,021E+04   | 3,718E+06   | 1,043E+11 | 2,925E+15  | 3,344E+07 | 2,446E+04 | 1,148E+04 | 1,244E-01  | 5,002E-01  | 5,495E-01  | 6,915E-01  | 1,420E-01 | 4,750E+06 | -1,032E+06 | 2,242E+05                                  |
| 8                          | 3,021E+04   | 3,452E+04   | 3,383E+06   | 1,095E+11 | 3,543E+15  | 3,344E+07 | 2,446E+04 | 1,148E+04 | 5,002E-01  | 8,761E-01  | 6,915E-01  | 8,095E-01  | 1,180E-01 | 3,945E+06 | -5,621E+05 | 8,008E+04                                  |
| 9                          | 3,452E+04   | 3,883E+04   | 1,353E+06   | 4,963E+10 | 1,820E+15  | 3,344E+07 | 2,446E+04 | 1,148E+04 | 8,761E-01  | 1,252E+00  | 8,095E-01  | 8,947E-01  | 8,519E-02 | 2,849E+06 | -1,496E+06 | 7,854E+05                                  |
| 10                         | 3,883E+04   | 4,315E+04   | 1,264E+06   | 5,182E+10 | 2,124E+15  | 3,344E+07 | 2,446E+04 | 1,148E+04 | 1,252E+00  | 1,482E+00  | 8,947E-01  | 9,482E-01  | 5,351E-01 | 1,790E+06 | -5,253E+05 | 1,542E+05                                  |
| 11                         | 4,315E+04   | 4,746E+04   | 1,263E+06   | 5,723E+10 | 2,593E+15  | 3,344E+07 | 2,446E+04 | 1,148E+04 | 1,482E+00  | 2,004E+00  | 9,482E-01  | 9,774E-01  | 2,923E-02 | 9,775E+05 | 2,857E+05  | 8,349E+04                                  |
| 12                         | 4,746E+04   | 5,178E+04   | 9,864E+05   | 4,894E+10 | 2,428E+15  | 3,344E+07 | 2,446E+04 | 1,148E+04 | 2,004E+00  | 2,379E+00  | 9,774E-01  | 9,913E-01  | 1,389E-02 | 4,644E+05 | 5,220E+05  | 5,867E+05                                  |
| 13                         | 5,178E+04   | 5,609E+04   | 4,342E+05   | 2,342E+10 | 1,263E+15  | 3,344E+07 | 2,446E+04 | 1,148E+04 | 2,379E+00  | 2,755E+00  | 9,913E-01  | 9,971E-01  | 5,737E-03 | 1,919E+05 | 2,423E+05  | 3,061E+05                                  |
| 14                         | 5,609E+04   | 6,040E+04   | 1,140E+05   | 6,641E+09 | 3,868E+14  | 3,344E+07 | 2,446E+04 | 1,148E+04 | 2,755E+00  | 3,131E+00  | 9,971E-01  | 9,991E-01  | 2,061E-03 | 6,893E+04 | 4,508E+04  | 2,949E+04                                  |
| 15                         | 6,040E+04   | 6,472E+04   | 0,000E+00   | 0,000E+00 | 0,000E+00  | 3,344E+07 | 2,446E+04 | 1,148E+04 | 3,131E+00  | 3,507E+00  | 9,991E-01  | 9,998E-01  | 6,441E-04 | 2,154E+04 | -2,154E+04 | 2,154E+04                                  |
| 16                         | 6,472E+04   | 6,903E+04   | 1,294E+05   | 8,657E+09 | 5,789E+14  | 3,344E+07 | 2,446E+04 | 1,148E+04 | 3,507E+00  | 3,883E+00  | 9,998E-01  | ---        | 2,267E-04 | 7,580E+03 | 1,219E+05  | 1,959E+06                                  |

| 012 - numero_fluxos_NIP |             |             |             |           |            |           |           |           |            |            |            |            |           |            |            |                                  |
|-------------------------|-------------|-------------|-------------|-----------|------------|-----------|-----------|-----------|------------|------------|------------|------------|-----------|------------|------------|----------------------------------|
| Mínimo                  | 2,000E+00   |             |             |           |            |           |           |           |            |            |            |            |           |            |            |                                  |
| Máximo                  | 7,000E+00   |             |             |           |            |           |           |           |            |            |            |            |           |            |            |                                  |
| Amplitude               | 1,000E+00   |             |             |           |            |           |           |           |            |            |            |            |           |            |            |                                  |
| Analise                 | S           |             |             |           |            |           |           |           |            |            |            |            |           |            |            |                                  |
| Soma SQL                | 6,701E+03   |             |             |           |            |           |           |           |            |            |            |            |           |            |            |                                  |
| Soma Linha (N)          | 6,701E+03   |             |             |           |            |           |           |           |            |            |            |            |           |            |            |                                  |
| Média amostral          | 2,848E+00   |             |             |           |            |           |           |           |            |            |            |            |           |            |            |                                  |
| Somatória fi * Pmi      | 1,909E+04   |             |             |           |            |           |           |           |            |            |            |            |           |            |            | Prejudicada                      |
| Somatória fi * Pmi      | 5,923E+04   |             |             |           |            |           |           |           |            |            |            |            |           |            |            |                                  |
| Somatória fi * Pmi      | 2,848E+00   |             |             |           |            |           |           |           |            |            |            |            |           |            |            | Valor para teste de qui-quadrado |
| Desvio padrão amos      | 8,518E-01   |             |             |           |            |           |           |           |            |            |            |            |           |            |            | 2,309E+03                        |
| 013 - numero_fluxos_II  |             |             |             |           |            |           |           |           |            |            |            |            |           |            |            |                                  |
| Mínimo                  | 8,000E+00   |             |             |           |            |           |           |           |            |            |            |            |           |            |            |                                  |
| Máximo                  | 1,835E+03   |             |             |           |            |           |           |           |            |            |            |            |           |            |            |                                  |
| Amplitude               | 1,220E+02   |             |             |           |            |           |           |           |            |            |            |            |           |            |            |                                  |
| Analise                 | S           |             |             |           |            |           |           |           |            |            |            |            |           |            |            |                                  |
| Soma SQL                | 2,907E+05   |             |             |           |            |           |           |           |            |            |            |            |           |            |            |                                  |
| Soma Linha (N)          | 2,907E+05   |             |             |           |            |           |           |           |            |            |            |            |           |            |            |                                  |
| Média amostral          | 6,790E+02   |             |             |           |            |           |           |           |            |            |            |            |           |            |            |                                  |
| Somatória fi * Pmi      | 1,974E+08   |             |             |           |            |           |           |           |            |            |            |            |           |            |            |                                  |
| Somatória fi * Pmi      | 2,446E+11   |             |             |           |            |           |           |           |            |            |            |            |           |            |            |                                  |
| Somatória fi * Pmi      | 6,790E+02   |             |             |           |            |           |           |           |            |            |            |            |           |            |            | Valor para teste de qui-quadrado |
| Desvio padrão amos      | 6,166E+02   |             |             |           |            |           |           |           |            |            |            |            |           |            |            | 2,846E+05                        |
| Num                     | De (aberto) | Até (fechad | Ocorrências | Fi * Pmi  | Fi * Pmi^2 | N         | Média     | Desvio    | z lim.inf. | z lim.sup. | Norm.z inf | Norm.z sup | Prob      | Esperado   | Obs - Esp  | (O - e)^2/e                      |
| 1                       | 0,000E+00   | 2,000E+00   | 3,520E+02   | 3,520E+02 | 3,520E+02  | 6,701E+03 | 2,848E+00 | 8,518E-01 | -3,344E+00 | -9,959E-01 | ---        | 1,596E-01  | 1,596E-01 | 1,070E+03  | -7,178E+02 | 4,816E+02                        |
| 2                       | 2,000E+00   | 3,000E+00   | 4,290E+03   | 1,073E+04 | 2,681E+04  | 6,701E+03 | 2,848E+00 | 8,518E-01 | -9,959E-01 | 1,781E-01  | 1,596E-01  | 5,707E-01  | 4,110E-01 | 2,754E+03  | 1,536E+03  | 8,562E+02                        |
| 3                       | 3,000E+00   | 4,000E+00   | 1,456E+03   | 5,096E+03 | 1,784E+04  | 6,701E+03 | 2,848E+00 | 8,518E-01 | 1,781E-01  | 1,352E+00  | 5,707E-01  | 9,118E-01  | 3,412E-01 | 2,286E+03  | -8,301E+02 | 3,014E+02                        |
| 4                       | 4,000E+00   | 5,000E+00   | 4,100E+02   | 1,845E+03 | 8,303E+03  | 6,701E+03 | 2,848E+00 | 8,518E-01 | 1,352E+00  | 2,526E+00  | 9,118E-01  | 9,942E-01  | 8,240E-02 | 5,522E+02  | -1,422E+02 | 3,662E+01                        |
| 5                       | 5,000E+00   | 6,000E+00   | 1,860E+02   | 1,023E+03 | 5,627E+03  | 6,701E+03 | 2,848E+00 | 8,518E-01 | 2,526E+00  | 3,700E+00  | 9,942E-01  | 9,999E-01  | 5,659E-03 | 3,792E+01  | 1,481E+02  | 5,783E+02                        |
| 6                       | 6,000E+00   | 7,000E+00   | 7,000E+00   | 4,550E+01 | 2,958E+02  | 6,701E+03 | 2,848E+00 | 8,518E-01 | 3,700E+00  | 4,874E+00  | 9,999E-01  | 1,000E+00  | 1,072E-04 | 7,186E-01  | 6,281E+00  | 5,491E+01                        |
| 7                       | 7,000E+00   | 8,000E+00   | 0,000E+00   | 0,000E+00 | 0,000E+00  | 6,701E+03 | 2,848E+00 | 8,518E-01 | 4,874E+00  | 6,048E+00  | 1,000E+00  | 1,000E+00  | 5,465E-07 | 3,662E-03  | -3,662E-03 | 3,662E-03                        |
| 8                       | 8,000E+00   | 9,000E+00   | 0,000E+00   | 0,000E+00 | 0,000E+00  | 6,701E+03 | 2,848E+00 | 8,518E-01 | 6,048E+00  | 7,222E+00  | 1,000E+00  | 1,000E+00  | 7,351E-10 | 4,926E-06  | -4,926E-06 | 4,926E-06                        |
| 9                       | 9,000E+00   | 1,000E+01   | 0,000E+00   | 0,000E+00 | 0,000E+00  | 6,701E+03 | 2,848E+00 | 8,518E-01 | 7,222E+00  | 8,396E+00  | 1,000E+00  | 1,000E+00  | 2,577E-13 | 1,727E-09  | -1,727E-09 | 1,727E-09                        |
| 10                      | 1,000E+01   | 1,100E+01   | 0,000E+00   | 0,000E+00 | 0,000E+00  | 6,701E+03 | 2,848E+00 | 8,518E-01 | 8,396E+00  | 9,570E+00  | 1,000E+00  | 1,000E+00  | 0,000E+00 | 0,000E+00  | 0,000E+00  | ---                              |
| 11                      | 1,100E+01   | 1,200E+01   | 0,000E+00   | 0,000E+00 | 0,000E+00  | 6,701E+03 | 2,848E+00 | 8,518E-01 | 9,570E+00  | 1,074E+01  | 1,000E+00  | 1,000E+00  | 0,000E+00 | 0,000E+00  | 0,000E+00  | ---                              |
| 12                      | 1,200E+01   | 1,300E+01   | 0,000E+00   | 0,000E+00 | 0,000E+00  | 6,701E+03 | 2,848E+00 | 8,518E-01 | 1,074E+01  | 1,192E+01  | 1,000E+00  | 1,000E+00  | 0,000E+00 | 0,000E+00  | 0,000E+00  | ---                              |
| 13                      | 1,300E+01   | 1,400E+01   | 0,000E+00   | 0,000E+00 | 0,000E+00  | 6,701E+03 | 2,848E+00 | 8,518E-01 | 1,192E+01  | 1,309E+01  | 1,000E+00  | 1,000E+00  | 0,000E+00 | 0,000E+00  | 0,000E+00  | ---                              |
| 14                      | 1,400E+01   | 1,500E+01   | 0,000E+00   | 0,000E+00 | 0,000E+00  | 6,701E+03 | 2,848E+00 | 8,518E-01 | 1,309E+01  | 1,427E+01  | 1,000E+00  | 1,000E+00  | 0,000E+00 | 0,000E+00  | 0,000E+00  | ---                              |
| 15                      | 1,500E+01   | 1,600E+01   | 0,000E+00   | 0,000E+00 | 0,000E+00  | 6,701E+03 | 2,848E+00 | 8,518E-01 | 1,427E+01  | 1,544E+01  | 1,000E+00  | 1,000E+00  | 0,000E+00 | 0,000E+00  | 0,000E+00  | ---                              |
| 16                      | 1,600E+01   | 1,700E+01   | 0,000E+00   | 0,000E+00 | 0,000E+00  | 6,701E+03 | 2,848E+00 | 8,518E-01 | 1,544E+01  | 1,661E+01  | 1,000E+00  | ---        | 0,000E+00 | 0,000E+00  | 0,000E+00  | ---                              |
| 1                       | 0,000E+00   | 1,260E+02   | 7,326E+04   | 4,616E+06 | 2,908E+08  | 2,907E+05 | 6,790E+02 | 6,166E+02 | -1,101E+00 | -8,968E-01 | ---        | 1,849E-01  | 1,849E-01 | 5,376E+04  | 1,951E+04  | 7,078E+03                        |
| 2                       | 1,260E+02   | 2,480E+02   | 5,308E+04   | 9,926E+06 | 1,856E+09  | 2,907E+05 | 6,790E+02 | 6,166E+02 | -8,968E-01 | -6,990E-01 | 1,849E-01  | 2,423E-01  | 5,738E-02 | 1,668E+04  | 3,640E+04  | 7,942E+04                        |
| 3                       | 2,480E+02   | 3,700E+02   | 1,495E+04   | 6,618E+06 | 1,427E+09  | 2,907E+05 | 6,790E+02 | 6,166E+02 | -6,990E-01 | -5,011E-01 | 2,423E-01  | 3,081E-01  | 6,586E-02 | 1,915E+04  | -4,201E+03 | 9,218E+02                        |
| 4                       | 3,700E+02   | 4,920E+02   | 1,296E+04   | 5,587E+06 | 4,408E+09  | 2,907E+05 | 6,790E+02 | 6,166E+02 | -5,011E-01 | -3,033E-01 | 3,081E-01  | 3,808E-01  | 7,270E-02 | 2,114E+04  | -8,173E+03 | 3,160E+03                        |
| 5                       | 4,920E+02   | 6,140E+02   | 1,311E+04   | 7,249E+06 | 2,009E+09  | 2,907E+05 | 6,790E+02 | 6,166E+02 | -3,033E-01 | -1,054E-01 | 3,808E-01  | 4,580E-01  | 2,244E+04 | -9,331E+03 | 3,880E+03  |                                  |
| 6                       | 6,140E+02   | 7,360E+02   | 1,225E+04   | 8,271E+06 | 5,583E+09  | 2,907E+05 | 6,790E+02 | 6,166E+02 | -1,054E-01 | 9,243E-02  | 4,580E-01  | 5,368E-01  | 7,880E-02 | 2,291E+04  | -1,066E+04 | 4,957E+03                        |
| 7                       | 7,360E+02   | 8,580E+02   | 4,810E+03   | 3,834E+06 | 3,055E+09  | 2,907E+05 | 6,790E+02 | 6,166E+02 | 9,243E-02  | 2,903E-01  | 5,368E-01  | 6,142E-01  | 7,738E-02 | 2,250E+04  | -1,769E+04 | 1,390E+04                        |
| 8                       | 8,580E+02   | 9,800E+02   | 5,493E+03   | 5,048E+06 | 4,639E+09  | 2,907E+05 | 6,790E+02 | 6,166E+02 | 2,903E-01  | 4,881E-01  | 6,142E-01  | 6,873E-01  | 7,307E-02 | 2,124E+04  | -1,575E+04 | 1,168E+04                        |
| 9                       | 9,800E+02   | 1,102E+03   | 5,079E+03   | 5,287E+06 | 5,504E+09  | 2,907E+05 | 6,790E+02 | 6,166E+02 | 4,881E-01  | 6,860E-01  | 6,873E-01  | 7,536E-01  | 6,637E-02 | 1,929E+04  | -1,422E+04 | 1,047E+04                        |
| 10                      | 1,102E+03   | 1,224E+03   | 3,405E+03   | 3,960E+06 | 4,605E+09  | 2,907E+05 | 6,790E+02 | 6,166E+02 | 6,860E-01  | 8,838E-01  | 7,536E-01  | 8,116E-01  | 5,797E-02 | 1,685E+04  | -1,345E+04 | 1,073E+04                        |
| 11                      | 1,224E+03   | 1,346E+03   | 1,043E+04   | 1,341E+07 | 1,723E+10  | 2,907E+05 | 6,790E+02 | 6,166E+02 | 8,838E-01  | 1,082E+00  | 8,116E-01  | 8,603E-01  | 4,870E-02 | 1,416E+04  | -3,725E+03 | 9,799E+02                        |
| 12                      | 1,346E+03   | 1,468E+03   | 2,711E+04   | 3,815E+07 | 5,368E+10  | 2,907E+05 | 6,790E+02 | 6,166E+02 | 1,082E+00  | 1,280E+00  | 8,603E-01  | 8,996E-01  | 3,934E-02 | 1,144E+04  | 1,568E+04  | 2,148E+04                        |
| 13                      | 1,468E+03   | 1,590E+03   | 3,889E+04   | 5,947E+07 | 9,093E+10  | 2,907E+05 | 6,790E+02 | 6,166E+02 | 1,280E+00  | 1,477E+00  | 8,996E-01  | 9,302E-01  | 3,057E-02 | 8,887E+03  | 3,001E+04  | 1,013E+05                        |
| 14                      | 1,590E+03   | 1,712E+03   | 3,348E+03   | 5,528E+06 | 9,126E+09  | 2,907E+05 | 6,790E+02 | 6,166E+02 | 1,477E+00  | 1,675E+00  | 9,302E-01  | 9,531E-01  | 2,284E-02 | 6,641E+03  | -3,293E+03 | 1,633E+03                        |
| 15                      | 1,712E+03   | 1,834E+03   | 1,071E+04   | 1,898E+07 | 3,366E+10  | 2,907E+05 | 6,790E+02 | 6,166E+02 | 1,675E+00  | 1,873E+00  | 9,531E-01  | 9,695E-01  | 1,642E-02 | 5,935E+03  | 5,935E+03  | 7,380E+03                        |
| 16                      | 1,834E+03   | 1,956E+03   | 1,835E+03   | 3,477E+06 | 6,590E+09  | 2,907E+05 | 6,790E+02 | 6,166E+02 | 1,873E+00  | 2,071E+00  | 9,695E-01  | ---        | 3,053E-02 | 8,875E+03  | -7,040E+03 | 5,584E+03                        |

| 014 - numero_fluxos_IE |             |             |             |           |            |           |           |           |            |            |            |            |           |           |            |  |
|------------------------|-------------|-------------|-------------|-----------|------------|-----------|-----------|-----------|------------|------------|------------|------------|-----------|-----------|------------|--|
| Mínimo                 | 1,900E+01   |             |             |           |            |           |           |           |            |            |            |            |           |           |            |  |
| Máximo                 | 3,218E+03   |             |             |           |            |           |           |           |            |            |            |            |           |           |            |  |
| Amplitude              | 2,140E+02   |             |             |           |            |           |           |           |            |            |            |            |           |           |            |  |
| Analise                | S           |             |             |           |            |           |           |           |            |            |            |            |           |           |            |  |
| Soma SQL               | 1,059E+06   |             |             |           |            |           |           |           |            |            |            |            |           |           |            |  |
| Soma Linha (N)         | 1,059E+06   |             |             |           |            |           |           |           |            |            |            |            |           |           |            |  |
| Média amostral         | 1,153E+03   |             |             |           |            |           |           |           |            |            |            |            |           |           |            |  |
| Somatória fi * Pmi     | 1,220E+09   |             |             |           |            |           |           |           |            |            |            |            |           |           |            |  |
| Somatória fi * Pmi     | 2,223E+12   |             |             |           |            |           |           |           |            |            |            |            |           |           |            |  |
| Somatória fi * Pmi     | 1,153E+03   |             |             |           |            |           |           |           |            |            |            |            |           |           |            |  |
| Desvio padrão amos     | 8,785E+02   |             |             |           |            |           |           |           |            |            |            |            |           |           |            | Valor para teste de qui-quadrado 7,439E+05 |
| Num                    | De (aberto) | Até (fechad | Ocorrências | Fi * Pmi  | Fi * Pmi^2 | N         | Média     | Desvio    | z lim.inf. | z lim.sup. | Norm.z inf | Norm.z sup | Prob      | Esperado  | Obs - Esp  | (O - e)^2/e                                |
| 1                      | 0,000E+00   | 2,240E+02   | 9,926E+04   | 1,112E+07 | 1,245E+09  | 1,059E+06 | 1,153E+03 | 8,785E+02 | -1,312E+00 | -1,057E+00 | ---        | 1,453E-01  | 1,453E-01 | 1,538E+05 | -5,450E+04 | 1,932E+04                                  |
| 2                      | 2,240E+02   | 4,380E+02   | 1,125E+05   | 3,724E+07 | 1,233E+10  | 1,059E+06 | 1,153E+03 | 8,785E+02 | -1,057E+00 | -8,134E-01 | 1,453E-01  | 2,080E-01  | 6,274E-02 | 6,642E+04 | 4,610E+04  | 3,200E+04                                  |
| 3                      | 4,380E+02   | 6,520E+02   | 1,028E+05   | 5,600E+07 | 3,052E+10  | 1,059E+06 | 1,153E+03 | 8,785E+02 | -8,134E-01 | -5,698E-01 | 2,080E-01  | 2,844E-01  | 7,641E-02 | 8,089E+04 | 2,186E+04  | 5,909E+03                                  |
| 4                      | 6,520E+02   | 8,660E+02   | 2,098E+05   | 1,592E+08 | 1,209E+11  | 1,059E+06 | 1,153E+03 | 8,785E+02 | -5,698E-01 | -3,262E-01 | 2,844E-01  | 3,721E-01  | 8,773E-02 | 9,287E+04 | 1,169E+05  | 1,472E+05                                  |
| 5                      | 8,660E+02   | 1,080E+03   | 1,679E+05   | 1,634E+08 | 1,590E+11  | 1,059E+06 | 1,153E+03 | 8,785E+02 | -3,262E-01 | -8,258E-02 | 3,721E-01  | 4,671E-01  | 9,495E-02 | 1,005E+05 | 6,741E+04  | 4,521E+04                                  |
| 6                      | 1,080E+03   | 1,294E+03   | 6,712E+04   | 7,967E+07 | 9,457E+10  | 1,059E+06 | 1,153E+03 | 8,785E+02 | -8,258E-02 | 1,610E-01  | 4,671E-01  | 5,640E-01  | 9,687E-02 | 1,025E+05 | -3,543E+04 | 1,224E+04                                  |
| 7                      | 1,294E+03   | 1,508E+03   | 3,721E+04   | 5,213E+07 | 7,303E+10  | 1,059E+06 | 1,153E+03 | 8,785E+02 | 1,610E-01  | 4,046E-01  | 5,640E-01  | 6,571E-01  | 9,316E-02 | 9,862E+04 | -6,141E+04 | 3,824E+04                                  |
| 8                      | 1,508E+03   | 1,722E+03   | 2,707E+04   | 4,371E+07 | 7,060E+10  | 1,059E+06 | 1,153E+03 | 8,785E+02 | 4,046E-01  | 6,482E-01  | 6,571E-01  | 7,416E-01  | 8,446E-02 | 8,941E+04 | -6,234E+04 | 4,347E+04                                  |
| 9                      | 1,722E+03   | 1,936E+03   | 1,795E+04   | 3,283E+07 | 6,005E+10  | 1,059E+06 | 1,153E+03 | 8,785E+02 | 6,482E-01  | 8,919E-01  | 7,416E-01  | 8,138E-01  | 7,218E-02 | 7,641E+04 | -5,846E+04 | 4,472E+04                                  |
| 10                     | 1,936E+03   | 2,150E+03   | 2,451E+04   | 5,008E+07 | 1,023E+11  | 1,059E+06 | 1,153E+03 | 8,785E+02 | 8,919E-01  | 1,135E+00  | 8,138E-01  | 8,719E-01  | 5,814E-02 | 6,155E+04 | -3,704E+04 | 2,229E+04                                  |
| 11                     | 2,150E+03   | 2,364E+03   | 1,569E+04   | 3,540E+07 | 7,991E+10  | 1,059E+06 | 1,153E+03 | 8,785E+02 | 1,135E+00  | 1,379E+00  | 8,719E-01  | 9,161E-01  | 4,415E-02 | 4,674E+04 | -3,106E+04 | 2,063E+04                                  |
| 12                     | 2,364E+03   | 2,578E+03   | 3,244E+04   | 8,016E+07 | 1,981E+11  | 1,059E+06 | 1,153E+03 | 8,785E+02 | 1,379E+00  | 1,623E+00  | 9,161E-01  | 9,477E-01  | 3,161E-02 | 3,346E+04 | -1,018E+03 | 3,094E+01                                  |
| 13                     | 2,578E+03   | 2,792E+03   | 4,046E+04   | 1,086E+08 | 2,917E+11  | 1,059E+06 | 1,153E+03 | 8,785E+02 | 1,623E+00  | 1,866E+00  | 9,477E-01  | 9,690E-01  | 2,133E-02 | 2,258E+04 | 1,789E+04  | 1,417E+04                                  |
| 14                     | 2,792E+03   | 3,006E+03   | 6,049E+04   | 1,753E+08 | 5,083E+11  | 1,059E+06 | 1,153E+03 | 8,785E+02 | 1,866E+00  | 2,110E+00  | 9,690E-01  | 9,826E-01  | 1,357E-02 | 1,436E+04 | 4,612E+04  | 1,481E+05                                  |
| 15                     | 3,006E+03   | 3,220E+03   | 4,340E+04   | 1,351E+08 | 4,206E+11  | 1,059E+06 | 1,153E+03 | 8,785E+02 | 2,110E+00  | 2,354E+00  | 9,826E-01  | 9,907E-01  | 1,813E-03 | 8,611E+03 | 3,479E+04  | 1,405E+05                                  |
| 16                     | 3,220E+03   | 3,434E+03   | 0,000E+00   | 0,000E+00 | 0,000E+00  | 1,059E+06 | 1,153E+03 | 8,785E+02 | 2,354E+00  | 2,597E+00  | 9,907E-01  | ---        | 9,298E-03 | 9,843E+03 | -9,843E+03 | 9,843E+03                                  |
| 015 - numero_fluxos_EI |             |             |             |           |            |           |           |           |            |            |            |            |           |           |            |  |
| Mínimo                 | 0,000E+00   |             |             |           |            |           |           |           |            |            |            |            |           |           |            |  |
| Máximo                 | 9,250E+02   |             |             |           |            |           |           |           |            |            |            |            |           |           |            |  |
| Amplitude              | 6,200E+01   |             |             |           |            |           |           |           |            |            |            |            |           |           |            |  |
| Analise                | S           |             |             |           |            |           |           |           |            |            |            |            |           |           |            |  |
| Soma SQL               | 4,221E+05   |             |             |           |            |           |           |           |            |            |            |            |           |           |            |  |
| Soma Linha (N)         | 4,221E+05   |             |             |           |            |           |           |           |            |            |            |            |           |           |            |  |
| Média amostral         | 3,706E+02   |             |             |           |            |           |           |           |            |            |            |            |           |           |            |  |
| Somatória fi * Pmi     | 1,565E+08   |             |             |           |            |           |           |           |            |            |            |            |           |           |            |  |
| Somatória fi * Pmi     | 8,248E+10   |             |             |           |            |           |           |           |            |            |            |            |           |           |            |  |
| Somatória fi * Pmi     | 3,706E+02   |             |             |           |            |           |           |           |            |            |            |            |           |           |            | Valor para teste de qui-quadrado 1,281E+05 |
| Desvio padrão amos     | 2,409E+02   |             |             |           |            |           |           |           |            |            |            |            |           |           |            |  |
| Num                    | De (aberto) | Até (fechad | Ocorrências | Fi * Pmi  | Fi * Pmi^2 | N         | Média     | Desvio    | z lim.inf. | z lim.sup. | Norm.z inf | Norm.z sup | Prob      | Esperado  | Obs - Esp  | (O - e)^2/e                                |
| 1                      | 0,000E+00   | 6,200E+01   | 2,084E+04   | 6,460E+05 | 2,003E+07  | 4,221E+05 | 3,706E+02 | 2,409E+02 | -1,539E+00 | -1,281E+00 | ---        | 1,000E-01  | 1,000E-01 | 4,222E+04 | -2,139E+04 | 1,083E+04                                  |
| 2                      | 6,200E+01   | 1,240E+02   | 3,908E+04   | 3,634E+06 | 3,380E+08  | 4,221E+05 | 3,706E+02 | 2,409E+02 | -1,281E+00 | -1,024E+00 | 1,000E-01  | 1,529E-01  | 5,289E-02 | 2,233E+04 | 1,675E+04  | 1,257E+04                                  |
| 3                      | 1,240E+02   | 1,860E+02   | 4,576E+04   | 7,093E+06 | 1,099E+09  | 4,221E+05 | 3,706E+02 | 2,409E+02 | -1,024E+00 | -7,666E-01 | 1,529E-01  | 2,217E-01  | 6,874E-02 | 2,902E+04 | 1,674E+04  | 9,661E+03                                  |
| 4                      | 1,860E+02   | 2,480E+02   | 6,080E+04   | 1,319E+07 | 2,863E+09  | 4,221E+05 | 3,706E+02 | 2,409E+02 | -7,666E-01 | -5,092E-01 | 2,217E-01  | 3,053E-01  | 8,365E-02 | 3,533E+04 | 2,549E+04  | 1,840E+04                                  |
| 5                      | 2,480E+02   | 3,100E+02   | 4,743E+04   | 1,323E+07 | 3,692E+09  | 4,221E+05 | 3,706E+02 | 2,409E+02 | -5,092E-01 | -2,518E-01 | 3,053E-01  | 4,006E-01  | 9,529E-02 | 4,002E+04 | 7,229E+03  | 1,292E+03                                  |
| 6                      | 3,100E+02   | 3,720E+02   | 3,864E+04   | 1,318E+07 | 4,493E+09  | 4,221E+05 | 3,706E+02 | 2,409E+02 | -2,518E-01 | 5,606E-03  | 4,006E-01  | 5,022E-01  | 1,016E-01 | 4,290E+04 | -4,257E+03 | 4,225E+02                                  |
| 7                      | 3,720E+02   | 4,340E+02   | 2,847E+04   | 1,147E+07 | 4,623E+09  | 4,221E+05 | 3,706E+02 | 2,409E+02 | 5,606E-03  | 2,630E-01  | 5,022E-01  | 6,037E-01  | 1,015E-01 | 4,284E+04 | -1,437E+04 | 4,821E+03                                  |
| 8                      | 4,340E+02   | 4,960E+02   | 2,447E+04   | 1,138E+07 | 5,291E+09  | 4,221E+05 | 3,706E+02 | 2,409E+02 | 2,630E-01  | 5,204E-01  | 6,037E-01  | 6,986E-01  | 9,488E-02 | 4,005E+04 | -1,558E+04 | 6,062E+03                                  |
| 9                      | 4,960E+02   | 5,580E+02   | 1,752E+04   | 9,231E+06 | 4,865E+09  | 4,221E+05 | 3,706E+02 | 2,409E+02 | 5,204E-01  | 7,778E-01  | 6,986E-01  | 7,817E-01  | 8,305E-02 | 3,505E+04 | -1,754E+04 | 8,774E+03                                  |
| 10                     | 5,580E+02   | 6,200E+02   | 9,518E+03   | 5,606E+06 | 3,302E+09  | 4,221E+05 | 3,706E+02 | 2,409E+02 | 7,778E-01  | 1,035E+00  | 7,817E-01  | 8,497E-01  | 6,805E-02 | 2,827E+04 | -1,921E+04 | 1,281E+04                                  |
| 11                     | 6,200E+02   | 6,820E+02   | 2,099E+04   | 1,366E+07 | 8,895E+09  | 4,221E+05 | 3,706E+02 | 2,409E+02 | 1,035E+00  | 1,293E+00  | 8,497E-01  | 9,019E-01  | 5,221E-02 | 2,204E+04 | -1,051E+03 | 5,016E+01                                  |
| 12                     | 6,820E+02   | 7,440E+02   | 2,046E+04   | 1,459E+07 | 1,040E+10  | 4,221E+05 | 3,706E+02 | 2,409E+02 | 1,293E+00  | 1,550E+00  | 9,019E-01  | 9,394E-01  | 3,750E-02 | 1,583E+04 | 4,629E+03  | 1,354E+03                                  |
| 13                     | 7,440E+02   | 8,060E+02   | 2,387E+04   | 1,850E+07 | 1,434E+10  | 4,221E+05 | 3,706E+02 | 2,409E+02 | 1,550E+00  | 1,807E+00  | 9,394E-01  | 9,646E-01  | 2,522E-02 | 1,065E+04 | 1,322E+04  | 1,642E+04                                  |
| 14                     | 8,060E+02   | 8,680E+02   | 1,259E+04   | 1,054E+07 | 8,820E+09  | 4,221E+05 | 3,706E+02 | 2,409E+02 | 1,807E+00  | 2,065E+00  | 9,646E-01  | 9,805E-01  | 1,588E-02 | 6,703E+03 | 5,887E+03  | 5,170E+03                                  |
| 15                     | 8,680E+02   | 9,300E+02   | 1,168E+04   | 1,050E+07 | 9,442E+09  | 4,221E+05 | 3,706E+02 | 2,409E+02 | 2,065E+00  | 2,322E+00  | 9,805E-01  | 9,899E-01  | 9,361E-03 | 3,951E+03 | 7,732E+03  | 1,513E+04                                  |
| 16                     | 9,300E+02   | 9,920E+02   | 0,000E+00   | 0,000E+00 | 0,000E+00  | 4,221E+05 | 3,706E+02 | 2,409E+02 | 2,322E+00  | 2,580E+00  | 9,899E-01  | ---        | 1,011E-02 | 4,268E+03 | -4,268E+03 | 4,268E+03                                  |

| =====                  |             |             |             |           |            |           |           |           |            |            |            |            |           |                                  |             |             |
|------------------------|-------------|-------------|-------------|-----------|------------|-----------|-----------|-----------|------------|------------|------------|------------|-----------|----------------------------------|-------------|-------------|
| 016 - numero_fluxos_EE |             |             |             |           |            |           |           |           |            |            |            |            |           |                                  |             |             |
| =====                  |             |             |             |           |            |           |           |           |            |            |            |            |           |                                  |             |             |
| Mínimo                 | 0,000E+00   |             |             |           |            |           |           |           |            |            |            |            |           |                                  |             |             |
| Máximo                 | 4,000E+00   |             |             |           |            |           |           |           |            |            |            |            |           |                                  |             |             |
| Amplitude              | 1,000E+00   |             |             |           |            |           |           |           |            |            |            |            |           |                                  |             |             |
| Analise                | S           |             |             |           |            |           |           |           |            |            |            |            |           |                                  |             |             |
| Soma SQL               | 3,540E+02   |             |             |           |            |           |           |           |            |            |            |            |           |                                  |             |             |
| Soma Linha (N)         | 3,540E+02   |             |             |           |            |           |           |           |            |            |            |            |           |                                  |             |             |
| Média amostral         | 3,421E+00   |             |             |           |            |           |           |           |            |            |            |            |           |                                  |             |             |
| Somatória fi * Pmi     | 1,211E+03   |             |             |           |            |           |           |           |            |            |            |            |           |                                  | Prejudicada |             |
| Somatória fi * Pmi     | 4,209E+03   |             |             |           |            |           |           |           |            |            |            |            |           |                                  |             |             |
| Somatória fi * Pmi     | 3,421E+00   |             |             |           |            |           |           |           |            |            |            |            |           | Valor para teste de qui-quadrado | 9,905E+06   |             |
| Desvio padrão amos     | 4,317E-01   |             |             |           |            |           |           |           |            |            |            |            |           |                                  |             |             |
| =====                  |             |             |             |           |            |           |           |           |            |            |            |            |           |                                  |             |             |
| Num                    | De (aberto) | Até (fechad | Ocorrências | Fi * Pmi  | Fi * Pmi^2 | N         | Média     | Desvio    | z lim.inf. | z lim.sup. | Norm.z inf | Norm.z sup | Prob      | Esperado                         | Obs - Esp   | (O - e)^2/e |
| 1                      | 0,000E+00   | 1,000E+00   | 6,000E+00   | 3,000E+00 | 1,500E+00  | 3,540E+02 | 3,421E+00 | 4,317E-01 | -7,924E+00 | -5,608E+00 | ---        | 1,027E-08  | 1,027E-08 | 3,635E-06                        | 6,000E+00   | 9,905E+06   |
| 2                      | 1,000E+00   | 2,000E+00   | 2,000E+00   | 3,000E+00 | 4,500E+00  | 3,540E+02 | 3,421E+00 | 4,317E-01 | -5,608E+00 | -3,291E+00 | 1,027E-08  | 4,984E-04  | 4,984E-04 | 1,764E-01                        | 1,824E+00   | 1,885E+01   |
| 3                      | 2,000E+00   | 3,000E+00   | 6,000E+00   | 1,500E+01 | 3,750E+01  | 3,540E+02 | 3,421E+00 | 4,317E-01 | -3,291E+00 | -9,750E-01 | 4,984E-04  | 1,648E-01  | 1,648E-01 | 5,816E+01                        | -5,216E+01  | 4,677E+01   |
| 4                      | 3,000E+00   | 4,000E+00   | 3,400E+02   | 1,190E+03 | 4,165E+03  | 3,540E+02 | 3,421E+00 | 4,317E-01 | -9,750E-01 | 1,341E+00  | 1,648E-01  | 9,101E-01  | 7,453E-01 | 2,638E+02                        | 7,615E+01   | 2,198E+01   |
| 5                      | 4,000E+00   | 5,000E+00   | 0,000E+00   | 0,000E+00 | 0,000E+00  | 3,540E+02 | 3,421E+00 | 4,317E-01 | 1,341E+00  | 3,658E+00  | 9,101E-01  | 9,999E-01  | 8,976E-02 | 3,178E+01                        | -3,178E+01  | 3,178E+01   |
| 6                      | 5,000E+00   | 6,000E+00   | 0,000E+00   | 0,000E+00 | 0,000E+00  | 3,540E+02 | 3,421E+00 | 4,317E-01 | 3,658E+00  | 5,974E+00  | 9,999E-01  | 1,000E+00  | 1,272E-04 | 4,502E-02                        | -4,502E-02  | 4,502E-02   |
| 7                      | 6,000E+00   | 7,000E+00   | 0,000E+00   | 0,000E+00 | 0,000E+00  | 3,540E+02 | 3,421E+00 | 4,317E-01 | 5,974E+00  | 8,291E+00  | 1,000E+00  | 1,000E+00  | 1,159E-09 | 4,103E-07                        | -4,103E-07  | ---         |
| 8                      | 7,000E+00   | 8,000E+00   | 0,000E+00   | 0,000E+00 | 0,000E+00  | 3,540E+02 | 3,421E+00 | 4,317E-01 | 8,291E+00  | 1,061E+01  | 1,000E+00  | 1,000E+00  | 0,000E+00 | 0,000E+00                        | 0,000E+00   | ---         |
| 9                      | 8,000E+00   | 9,000E+00   | 0,000E+00   | 0,000E+00 | 0,000E+00  | 3,540E+02 | 3,421E+00 | 4,317E-01 | 1,061E+01  | 1,292E+01  | 1,000E+00  | 1,000E+00  | 0,000E+00 | 0,000E+00                        | 0,000E+00   | ---         |
| 10                     | 9,000E+00   | 1,000E+01   | 0,000E+00   | 0,000E+00 | 0,000E+00  | 3,540E+02 | 3,421E+00 | 4,317E-01 | 1,292E+01  | 1,524E+01  | 1,000E+00  | 1,000E+00  | 0,000E+00 | 0,000E+00                        | 0,000E+00   | ---         |
| 11                     | 1,000E+01   | 1,100E+01   | 0,000E+00   | 0,000E+00 | 0,000E+00  | 3,540E+02 | 3,421E+00 | 4,317E-01 | 1,524E+01  | 1,756E+01  | 1,000E+00  | 1,000E+00  | 0,000E+00 | 0,000E+00                        | 0,000E+00   | ---         |
| 12                     | 1,100E+01   | 1,200E+01   | 0,000E+00   | 0,000E+00 | 0,000E+00  | 3,540E+02 | 3,421E+00 | 4,317E-01 | 1,756E+01  | 1,987E+01  | 1,000E+00  | 1,000E+00  | 0,000E+00 | 0,000E+00                        | 0,000E+00   | ---         |
| 13                     | 1,200E+01   | 1,300E+01   | 0,000E+00   | 0,000E+00 | 0,000E+00  | 3,540E+02 | 3,421E+00 | 4,317E-01 | 1,987E+01  | 2,219E+01  | 1,000E+00  | 1,000E+00  | 0,000E+00 | 0,000E+00                        | 0,000E+00   | ---         |
| 14                     | 1,300E+01   | 1,400E+01   | 0,000E+00   | 0,000E+00 | 0,000E+00  | 3,540E+02 | 3,421E+00 | 4,317E-01 | 2,219E+01  | 2,451E+01  | 1,000E+00  | 1,000E+00  | 0,000E+00 | 0,000E+00                        | 0,000E+00   | ---         |
| 15                     | 1,400E+01   | 1,500E+01   | 0,000E+00   | 0,000E+00 | 0,000E+00  | 3,540E+02 | 3,421E+00 | 4,317E-01 | 2,451E+01  | 2,682E+01  | 1,000E+00  | 1,000E+00  | 0,000E+00 | 0,000E+00                        | 0,000E+00   | ---         |
| 16                     | 1,500E+01   | 1,600E+01   | 0,000E+00   | 0,000E+00 | 0,000E+00  | 3,540E+02 | 3,421E+00 | 4,317E-01 | 2,682E+01  | 2,914E+01  | 1,000E+00  | ---        | 0,000E+00 | 0,000E+00                        | 0,000E+00   | ---         |
| =====                  |             |             |             |           |            |           |           |           |            |            |            |            |           |                                  |             |             |
| 017 - numero_bytes_II  |             |             |             |           |            |           |           |           |            |            |            |            |           |                                  |             |             |
| =====                  |             |             |             |           |            |           |           |           |            |            |            |            |           |                                  |             |             |
| Mínimo                 | 2,680E+03   |             |             |           |            |           |           |           |            |            |            |            |           |                                  |             |             |
| Máximo                 | 6,277E+07   |             |             |           |            |           |           |           |            |            |            |            |           |                                  |             |             |
| Amplitude              | 4,185E+06   |             |             |           |            |           |           |           |            |            |            |            |           |                                  |             |             |
| Analise                | S           |             |             |           |            |           |           |           |            |            |            |            |           |                                  |             |             |
| Soma SQL               | 4,857E+09   |             |             |           |            |           |           |           |            |            |            |            |           |                                  |             |             |
| Soma Linha (N)         | 4,857E+09   |             |             |           |            |           |           |           |            |            |            |            |           |                                  |             |             |
| Média amostral         | 3,256E+07   |             |             |           |            |           |           |           |            |            |            |            |           |                                  |             |             |
| Somatória fi * Pmi     | 1,581E+17   |             |             |           |            |           |           |           |            |            |            |            |           |                                  |             |             |
| Somatória fi * Pmi     | 6,967E+24   |             |             |           |            |           |           |           |            |            |            |            |           |                                  |             |             |
| Somatória fi * Pmi     | 3,256E+07   |             |             |           |            |           |           |           |            |            |            |            |           | Valor para teste de qui-quadrado | 2,049E+09   |             |
| Desvio padrão amos     | 1,935E+07   |             |             |           |            |           |           |           |            |            |            |            |           |                                  |             |             |
| =====                  |             |             |             |           |            |           |           |           |            |            |            |            |           |                                  |             |             |
| Num                    | De (aberto) | Até (fechad | Ocorrências | Fi * Pmi  | Fi * Pmi^2 | N         | Média     | Desvio    | z lim.inf. | z lim.sup. | Norm.z inf | Norm.z sup | Prob      | Esperado                         | Obs - Esp   | (O - e)^2/e |
| 1                      | 0,000E+00   | 4,186E+06   | 7,467E+08   | 1,563E+15 | 3,271E+21  | 4,857E+09 | 3,256E+07 | 1,935E+07 | -1,683E+00 | -1,466E+00 | ---        | 7,128E-02  | 7,128E-02 | 3,462E+08                        | 4,005E+08   | 4,633E+08   |
| 2                      | 4,186E+06   | 8,370E+06   | 1,997E+08   | 1,254E+15 | 7,870E+21  | 4,857E+09 | 3,256E+07 | 1,935E+07 | -1,466E+00 | -1,250E+00 | 7,128E-02  | 1,056E-01  | 3,436E-02 | 1,669E+08                        | 3,276E+07   | 6,429E+06   |
| 3                      | 8,370E+06   | 1,256E+07   | 2,891E+08   | 3,025E+15 | 3,165E+22  | 4,857E+09 | 3,256E+07 | 1,935E+07 | -1,250E+00 | -1,034E+00 | 1,056E-01  | 1,506E-01  | 4,498E-02 | 2,185E+08                        | 7,065E+07   | 2,285E+07   |
| 4                      | 1,256E+07   | 1,674E+07   | 7,423E+07   | 1,087E+15 | 1,593E+22  | 4,857E+09 | 3,256E+07 | 1,935E+07 | -1,034E+00 | -8,175E-01 | 1,506E-01  | 2,068E-01  | 5,620E-02 | 2,730E+08                        | -1,988E+08  | 1,447E+08   |
| 5                      | 1,674E+07   | 2,092E+07   | 2,054E+08   | 3,869E+15 | 7,286E+22  | 4,857E+09 | 3,256E+07 | 1,935E+07 | -8,175E-01 | -6,012E-01 | 2,068E-01  | 2,739E-01  | 6,703E-02 | 3,256E+08                        | -1,201E+08  | 4,432E+07   |
| 6                      | 2,092E+07   | 2,511E+07   | 1,400E+08   | 3,222E+15 | 7,416E+22  | 4,857E+09 | 3,256E+07 | 1,935E+07 | -6,012E-01 | -3,849E-01 | 2,739E-01  | 3,501E-01  | 7,630E-02 | 3,706E+08                        | -2,306E+08  | 1,435E+08   |
| 7                      | 2,511E+07   | 2,929E+07   | 2,730E+08   | 7,426E+15 | 2,020E+23  | 4,857E+09 | 3,256E+07 | 1,935E+07 | -3,849E-01 | -1,686E-01 | 3,501E-01  | 4,330E-01  | 8,289E-02 | 4,026E+08                        | -1,296E+08  | 4,173E+07   |
| 8                      | 2,929E+07   | 3,348E+07   | 1,550E+08   | 4,866E+15 | 1,527E+23  | 4,857E+09 | 3,256E+07 | 1,935E+07 | -1,686E-01 | 4,764E-02  | 4,330E-01  | 5,190E-01  | 8,596E-02 | 4,175E+08                        | -2,625E+08  | 1,650E+08   |
| 9                      | 3,348E+07   | 3,766E+07   | 2,859E+08   | 1,017E+16 | 3,617E+23  | 4,857E+09 | 3,256E+07 | 1,935E+07 | 4,764E-02  | 2,639E-01  | 5,190E-01  | 6,041E-01  | 8,508E-02 | 4,133E+08                        | -1,274E+08  | 3,927E+07   |
| 10                     | 3,766E+07   | 4,185E+07   | 3,121E+08   | 1,241E+16 | 4,933E+23  | 4,857E+09 | 3,256E+07 | 1,935E+07 | 2,639E-01  | 4,802E-01  | 6,041E-01  | 6,845E-01  | 8,038E-02 | 3,904E+08                        | -7,830E+07  | 1,570E+07   |
| 11                     | 4,185E+07   | 4,603E+07   | 6,114E+08   | 2,687E+16 | 1,180E+24  | 4,857E+09 | 3,256E+07 | 1,935E+07 | 4,802E-01  | 6,965E-01  | 6,845E-01  | 7,569E-01  | 7,248E-02 | 3,521E+08                        | 2,594E+08   | 1,911E+08   |
| 12                     | 4,603E+07   | 5,022E+07   | 5,796E+08   | 2,789E+16 | 1,342E+24  | 4,857E+09 | 3,256E+07 | 1,935E+07 | 6,965E-01  | 9,128E-01  | 7,569E-01  | 8,193E-01  | 6,238E-02 | 3,030E+08                        | 2,766E+08   | 2,525E+08   |
| 13                     | 5,022E+07   | 5,440E+07   | 5,237E+08   | 2,740E+16 | 1,433E+24  | 4,857E+09 | 3,256E+07 | 1,935E+07 | 9,128E-01  | 1,129E+00  | 8,193E-01  | 8,706E-01  | 5,124E-02 | 2,489E+08                        | 2,748E+08   | 3,034E+08   |
| 14                     | 5,440E+07   | 5,859E+07   | 2,777E+08   | 1,569E+16 | 8,862E+23  | 4,857E+09 | 3,256E+07 | 1,935E+07 | 1,129E+00  | 1,345E+00  | 8,706E-01  | 9,107E-01  | 4,018E-02 | 1,952E+08                        | 8,252E+07   | 3,489E+07   |
| 15                     | 5,859E+07   | 6,277E+07   | 1,209E+08   | 7,336E+15 | 4,451E+23  | 4,857E+09 | 3,256E+07 | 1,935E+07 | 1,345E+00  | 1,562E+00  | 9,107E-01  | 9,408E-01  | 3,007E-02 | 1,461E+08                        | -2,516E+07  | 4,335E+06   |
| 16                     | 6,277E+07   | 6,695E+07   | 6,277E+07   | 4,071E+15 | 2,641E+23  | 4,857E+09 | 3,256E+07 | 1,935E+07 | 1,562E+00  | 1,778E+00  | 9,408E-01  | ---        | 5,919E-02 | 2,875E+08                        | -2,247E+08  | 1,757E+08   |
| =====                  |             |             |             |           |            |           |           |           |            |            |            |            |           |                                  |             |             |

| 018 - numero_bytes_IE |             |             |             |           |            |           |           |           |            |            |            |            |           |           |            |  |           |
|-----------------------|-------------|-------------|-------------|-----------|------------|-----------|-----------|-----------|------------|------------|------------|------------|-----------|-----------|------------|--|-----------|
| Mínimo                | 7,098E+03   |             |             |           |            |           |           |           |            |            |            |            |           |           |            |  |           |
| Máximo                | 6,942E+07   |             |             |           |            |           |           |           |            |            |            |            |           |           |            |  |           |
| Amplitude             | 4,628E+06   |             |             |           |            |           |           |           |            |            |            |            |           |           |            |  |           |
| Analise               | S           |             |             |           |            |           |           |           |            |            |            |            |           |           |            |  |           |
| Soma SQL              | 2,093E+10   |             |             |           |            |           |           |           |            |            |            |            |           |           |            |  |           |
| Soma Linha (N)        | 2,093E+10   |             |             |           |            |           |           |           |            |            |            |            |           |           |            |  |           |
| Média amostral        | 1,800E+07   |             |             |           |            |           |           |           |            |            |            |            |           |           |            |  |           |
| Somatória fi * Pmi    | 3,768E+17   |             |             |           |            |           |           |           |            |            |            |            |           |           |            |  |           |
| Somatória fi * Pmi    | 9,118E+24   |             |             |           |            |           |           |           |            |            |            |            |           |           |            |  |           |
| Somatória fi * Pmi    | 1,800E+07   |             |             |           |            |           |           |           |            |            |            |            |           |           |            |  |           |
| Desvio padrão amos    | 1,056E+07   |             |             |           |            |           |           |           |            |            |            |            |           |           |            | Valor para teste de qui-quadrado 4,154E+11 |           |
| Num                   | De (aberto) | Até (fechad | Ocorrências | Fi * Pmi  | Fi * Pmi^2 | N         | Média     | Desvio    | z lim.inf. | z lim.sup. | Norm.z inf | Norm.z sup | Prob      | Esperado  | Obs - Esp  | (O - e)^2/e                                |           |
| 1                     | 0,000E+00   | 4,631E+06   | 8,214E+08   | 1,902E+15 | 4,404E+21  | 2,093E+10 | 1,800E+07 | 1,056E+07 | -1,704E+00 | -1,266E+00 | ---        | 1,028E-01  | 1,028E-01 | 2,152E+09 | -1,330E+09 | 8,226E+08                                  |           |
| 2                     | 4,631E+06   | 9,259E+06   | 2,758E+09   | 1,916E+16 | 1,330E+23  | 2,093E+10 | 1,800E+07 | 1,056E+07 | -1,266E+00 | -8,276E-01 | 1,028E-01  | 2,039E-01  | 1,011E-01 | 2,117E+09 | 6,414E+08  | 1,943E+08                                  |           |
| 3                     | 9,259E+06   | 1,389E+07   | 5,050E+09   | 5,844E+16 | 6,763E+23  | 2,093E+10 | 1,800E+07 | 1,056E+07 | -8,276E-01 | -3,895E-01 | 2,039E-01  | 3,484E-01  | 1,445E-01 | 3,025E+09 | 2,025E+09  | 1,356E+09                                  |           |
| 4                     | 1,389E+07   | 1,851E+07   | 4,395E+09   | 7,120E+16 | 1,153E+24  | 2,093E+10 | 1,800E+07 | 1,056E+07 | -3,895E-01 | 4,861E-02  | 3,484E-01  | 5,194E-01  | 1,709E-01 | 3,578E+09 | 8,171E+08  | 1,866E+08                                  |           |
| 5                     | 1,851E+07   | 2,314E+07   | 2,810E+09   | 5,853E+16 | 1,219E+24  | 2,093E+10 | 1,800E+07 | 1,056E+07 | 4,861E-02  | 4,867E-01  | 5,194E-01  | 6,868E-01  | 1,674E-01 | 3,504E+09 | -6,937E+08 | 1,374E+08                                  |           |
| 6                     | 2,314E+07   | 2,777E+07   | 1,940E+09   | 4,937E+16 | 1,257E+24  | 2,093E+10 | 1,800E+07 | 1,056E+07 | 4,867E-01  | 9,249E-01  | 6,868E-01  | 8,225E-01  | 1,357E-01 | 2,841E+09 | -9,009E+08 | 2,858E+08                                  |           |
| 7                     | 2,777E+07   | 3,240E+07   | 1,089E+09   | 3,275E+16 | 9,853E+23  | 2,093E+10 | 1,800E+07 | 1,056E+07 | 9,249E-01  | 1,363E+00  | 8,225E-01  | 9,136E-01  | 9,108E-02 | 1,906E+09 | -8,176E+08 | 3,506E+08                                  |           |
| 8                     | 3,240E+07   | 3,702E+07   | 8,987E+08   | 3,119E+16 | 1,083E+24  | 2,093E+10 | 1,800E+07 | 1,056E+07 | 1,363E+00  | 1,801E+00  | 9,136E-01  | 9,642E-01  | 5,060E-02 | 1,059E+09 | -1,605E+08 | 2,432E+07                                  |           |
| 9                     | 3,702E+07   | 4,165E+07   | 5,108E+08   | 2,009E+16 | 7,905E+23  | 2,093E+10 | 1,800E+07 | 1,056E+07 | 1,801E+00  | 2,239E+00  | 9,642E-01  | 9,874E-01  | 2,327E-02 | 4,871E+08 | 2,368E+07  | 1,151E+06                                  |           |
| 10                    | 4,165E+07   | 4,628E+07   | 2,231E+08   | 9,811E+15 | 4,313E+23  | 2,093E+10 | 1,800E+07 | 1,056E+07 | 2,239E+00  | 2,677E+00  | 9,874E-01  | 9,963E-01  | 8,860E-03 | 1,855E+08 | 3,769E+07  | 7,658E+06                                  |           |
| 11                    | 4,628E+07   | 5,091E+07   | 1,456E+08   | 7,075E+15 | 3,438E+23  | 2,093E+10 | 1,800E+07 | 1,056E+07 | 2,677E+00  | 3,115E+00  | 9,963E-01  | 9,991E-01  | 7,792E-03 | 5,844E+07 | 8,714E+07  | 1,299E+08                                  |           |
| 12                    | 5,091E+07   | 5,554E+07   | 1,071E+08   | 5,701E+15 | 3,034E+23  | 2,093E+10 | 1,800E+07 | 1,056E+07 | 3,115E+00  | 3,554E+00  | 9,991E-01  | 9,998E-01  | 7,283E-04 | 1,524E+07 | 9,188E+07  | 5,538E+08                                  |           |
| 13                    | 5,554E+07   | 6,016E+07   | 1,136E+08   | 6,571E+15 | 3,801E+23  | 2,093E+10 | 1,800E+07 | 1,056E+07 | 3,554E+00  | 3,992E+00  | 9,998E-01  | 1,000E+00  | 1,572E-04 | 3,291E+06 | 1,103E+08  | 3,697E+09                                  |           |
| 14                    | 6,016E+07   | 6,479E+07   | 0,000E+00   | 0,000E+00 | 0,000E+00  | 2,093E+10 | 1,800E+07 | 1,056E+07 | 3,992E+00  | 4,430E+00  | 1,000E+00  | 1,000E+00  | 2,810E-05 | 5,881E+05 | -5,881E+05 | 5,881E+05                                  |           |
| 15                    | 6,479E+07   | 6,942E+07   | 0,000E+00   | 0,000E+00 | 0,000E+00  | 2,093E+10 | 1,800E+07 | 1,056E+07 | 4,430E+00  | 4,868E+00  | 1,000E+00  | 1,000E+00  | 4,155E-06 | 8,697E+04 | -8,697E+04 | 8,697E+04                                  |           |
| 16                    | 6,942E+07   | 7,405E+07   | 6,942E+07   | 4,980E+15 | 3,572E+23  | 2,093E+10 | 1,800E+07 | 1,056E+07 | 4,868E+00  | 5,306E+00  | 1,000E+00  | ---        | 5,646E-07 | 1,182E+04 | 6,941E+07  | 4,077E+11                                  |           |
| 019 - numero_bytes_EI |             |             |             |           |            |           |           |           |            |            |            |            |           |           |            |  |           |
| Mínimo                | 8,600E+01   |             |             |           |            |           |           |           |            |            |            |            |           |           |            |  |           |
| Máximo                | 5,537E+07   |             |             |           |            |           |           |           |            |            |            |            |           |           |            |  |           |
| Amplitude             | 3,691E+06   |             |             |           |            |           |           |           |            |            |            |            |           |           |            |  |           |
| Analise               | S           |             |             |           |            |           |           |           |            |            |            |            |           |           |            |  |           |
| Soma SQL              | 2,021E+10   |             |             |           |            |           |           |           |            |            |            |            |           |           |            |  |           |
| Soma Linha (N)        | 2,021E+10   |             |             |           |            |           |           |           |            |            |            |            |           |           |            |  |           |
| Média amostral        | 1,704E+07   |             |             |           |            |           |           |           |            |            |            |            |           |           |            |  |           |
| Somatória fi * Pmi    | 3,444E+17   |             |             |           |            |           |           |           |            |            |            |            |           |           |            |  |           |
| Somatória fi * Pmi    | 7,797E+24   |             |             |           |            |           |           |           |            |            |            |            |           |           |            |  |           |
| Somatória fi * Pmi    | 1,704E+07   |             |             |           |            |           |           |           |            |            |            |            |           |           |            | Valor para teste de qui-quadrado 1,504E+10 |           |
| Desvio padrão amos    | 9,765E+06   |             |             |           |            |           |           |           |            |            |            |            |           |           |            |  |           |
| Num                   | De (aberto) | Até (fechad | Ocorrências | Fi * Pmi  | Fi * Pmi^2 | N         | Média     | Desvio    | z lim.inf. | z lim.sup. | Norm.z inf | Norm.z sup | Prob      | Esperado  | Obs - Esp  | (O - e)^2/e                                |           |
| 1                     | 0,000E+00   | 3,691E+06   | 4,266E+08   | 7,874E+14 | 1,453E+21  | 2,021E+10 | 1,704E+07 | 9,765E+06 | -1,745E+00 | -1,367E+00 | ---        | 8,574E-02  | 8,574E-02 | 1,732E+09 | -1,306E+09 | 9,843E+08                                  |           |
| 2                     | 3,691E+06   | 7,382E+06   | 2,126E+09   | 1,177E+16 | 6,516E+22  | 2,021E+10 | 1,704E+07 | 9,765E+06 | -1,367E+00 | -9,895E-01 | 8,574E-02  | 1,612E-01  | 7,547E-02 | 1,525E+09 | 6,004E+08  | 2,364E+08                                  |           |
| 3                     | 7,382E+06   | 1,107E+07   | 3,615E+09   | 3,386E+16 | 3,078E+23  | 2,021E+10 | 1,704E+07 | 9,765E+06 | -9,895E-01 | -6,115E-01 | 1,612E-01  | 2,704E-01  | 1,092E-01 | 2,207E+09 | 1,408E+09  | 8,987E+08                                  |           |
| 4                     | 1,107E+07   | 1,476E+07   | 3,268E+09   | 4,221E+16 | 5,454E+23  | 2,021E+10 | 1,704E+07 | 9,765E+06 | -6,115E-01 | -2,335E-01 | 2,704E-01  | 4,077E-01  | 1,372E-01 | 2,773E+09 | 4,943E+08  | 8,810E+07                                  |           |
| 5                     | 1,476E+07   | 1,846E+07   | 3,241E+09   | 5,383E+16 | 8,940E+23  | 2,021E+10 | 1,704E+07 | 9,765E+06 | -2,335E-01 | 1,445E-01  | 4,077E-01  | 5,574E-01  | 1,498E-01 | 3,026E+09 | 2,145E+08  | 1,521E+07                                  |           |
| 6                     | 1,846E+07   | 2,215E+07   | 2,587E+09   | 5,252E+16 | 1,066E+24  | 2,021E+10 | 1,704E+07 | 9,765E+06 | 1,445E-01  | 5,225E-01  | 5,574E-01  | 6,993E-01  | 1,419E-01 | 2,867E+09 | -2,799E+08 | 2,733E+07                                  |           |
| 7                     | 2,215E+07   | 2,584E+07   | 2,410E+09   | 5,782E+16 | 1,387E+24  | 2,021E+10 | 1,704E+07 | 9,765E+06 | 5,225E-01  | 9,004E-01  | 6,993E-01  | 8,161E-01  | 1,167E-01 | 2,359E+09 | 5,124E+07  | 1,113E+06                                  |           |
| 8                     | 2,584E+07   | 2,953E+07   | 8,435E+08   | 2,335E+16 | 6,464E+23  | 2,021E+10 | 1,704E+07 | 9,765E+06 | 9,004E-01  | 1,278E+00  | 8,161E-01  | 8,995E-01  | 8,339E-02 | 1,685E+09 | -8,417E+08 | 4,204E+08                                  |           |
| 9                     | 2,953E+07   | 3,322E+07   | 3,717E+08   | 1,166E+16 | 3,659E+23  | 2,021E+10 | 1,704E+07 | 9,765E+06 | 1,278E+00  | 1,656E+00  | 8,995E-01  | 9,512E-01  | 5,173E-02 | 1,045E+09 | -6,736E+08 | 4,340E+08                                  |           |
| 10                    | 3,322E+07   | 3,691E+07   | 2,485E+08   | 8,714E+15 | 3,056E+23  | 2,021E+10 | 1,704E+07 | 9,765E+06 | 1,656E+00  | 2,034E+00  | 9,512E-01  | 9,790E-01  | 2,786E-02 | 5,630E+08 | -3,145E+08 | 1,757E+08                                  |           |
| 11                    | 3,691E+07   | 4,060E+07   | 1,520E+08   | 5,890E+15 | 2,283E+23  | 2,021E+10 | 1,704E+07 | 9,765E+06 | 2,034E+00  | 2,412E+00  | 9,790E-01  | 9,921E-01  | 1,303E-02 | 2,633E+08 | -1,113E+08 | 4,707E+07                                  |           |
| 12                    | 4,060E+07   | 4,429E+07   | 4,273E+08   | 1,814E+16 | 7,699E+23  | 2,021E+10 | 1,704E+07 | 9,765E+06 | 2,412E+00  | 2,790E+00  | 9,921E-01  | 9,974E-01  | 5,292E-03 | 1,069E+08 | 3,204E+08  | 9,599E+08                                  |           |
| 13                    | 4,429E+07   | 4,798E+07   | 1,377E+08   | 6,353E+15 | 2,931E+23  | 2,021E+10 | 1,704E+07 | 9,765E+06 | 2,790E+00  | 3,168E+00  | 9,974E-01  | 9,992E-01  | 1,866E-03 | 3,770E+07 | 1,000E+08  | 2,652E+08                                  |           |
| 14                    | 4,798E+07   | 5,167E+07   | 2,979E+08   | 1,484E+16 | 7,396E+23  | 2,021E+10 | 1,704E+07 | 9,765E+06 | 3,168E+00  | 3,546E+00  | 9,992E-01  | 9,998E-01  | 5,712E-04 | 1,154E+07 | 2,863E+08  | 7,102E+09                                  |           |
| 15                    | 5,167E+07   | 5,537E+07   | 0,000E+00   | 0,000E+00 | 0,000E+00  | 2,021E+10 | 1,704E+07 | 9,765E+06 | 3,546E+00  | 3,924E+00  | 9,998E-01  | 1,000E+00  | 1,000E+00 | 1,518E-04 | 3,068E+06  | -3,068E+06                                 | 3,068E+06 |
| 16                    | 5,537E+07   | 5,906E+07   | 5,537E+07   | 3,168E+15 | 1,812E+23  | 2,021E+10 | 1,704E+07 | 9,765E+06 | 3,924E+00  | 4,302E+00  | 1,000E+00  | ---        | 4,350E-05 | 8,790E+05 | 5,449E+07  | 3,377E+09                                  |           |

| =====                   |             |             |             |           |            |           |           |           |            |            |            |            |           |           |            |             |
|-------------------------|-------------|-------------|-------------|-----------|------------|-----------|-----------|-----------|------------|------------|------------|------------|-----------|-----------|------------|-------------|
| 020 - numero_bytes_EE   |             |             |             |           |            |           |           |           |            |            |            |            |           |           |            |             |
| =====                   |             |             |             |           |            |           |           |           |            |            |            |            |           |           |            |             |
| Mínimo .....            | 0,000E+00   |             |             |           |            |           |           |           |            |            |            |            |           |           |            |             |
| Máximo .....            | 2,478E+03   |             |             |           |            |           |           |           |            |            |            |            |           |           |            |             |
| Amplitude .....         | 1,660E+02   |             |             |           |            |           |           |           |            |            |            |            |           |           |            |             |
| Analise .....           | S           |             |             |           |            |           |           |           |            |            |            |            |           |           |            |             |
| Soma SQL .....          | 1,957E+05   |             |             |           |            |           |           |           |            |            |            |            |           |           |            |             |
| Soma Linha (N) ...      | 1,957E+05   |             |             |           |            |           |           |           |            |            |            |            |           |           |            |             |
| Média amostral ...      | 2,136E+03   |             |             |           |            |           |           |           |            |            |            |            |           |           |            |             |
| Somatória fi * Pmi      | 4,181E+08   |             |             |           |            |           |           |           |            |            |            |            |           |           |            |             |
| Somatória fi * Pmi      | 9,104E+11   |             |             |           |            |           |           |           |            |            |            |            |           |           |            |             |
| Somatória fi * Pmi      | 2,136E+03   |             |             |           |            |           |           |           |            |            |            |            |           |           |            |             |
| Desvio padrão amos      | 2,974E+02   |             |             |           |            |           |           |           |            |            |            |            |           |           |            | 8,877E+10   |
| =====                   |             |             |             |           |            |           |           |           |            |            |            |            |           |           |            |             |
| Num                     | De (aberto) | Até (fechad | Ocorrências | Fi * Pmi  | Fi * Pmi^2 | N         | Média     | Desvio    | z lim.inf. | z lim.sup. | Norm.z inf | Norm.z sup | Prob      | Esperado  | Obs - Esp  | (O - E)^2/E |
| =====                   |             |             |             |           |            |           |           |           |            |            |            |            |           |           |            |             |
| 1                       | 0,000E+00   | 1,660E+02   | 5,470E+02   | 4,540E+04 | 3,768E+06  | 1,957E+05 | 2,136E+03 | 2,974E+02 | -7,184E+00 | -6,626E+00 | ---        | 1,736E-11  | 1,736E-11 | 3,398E-06 | 5,470E+02  | 8,807E+10   |
| 2                       | 1,660E+02   | 3,320E+02   | 2,880E+02   | 7,171E+04 | 1,786E+07  | 1,957E+05 | 2,136E+03 | 2,974E+02 | -6,626E+00 | -6,068E+00 | 1,736E-11  | 6,518E-10  | 6,344E-10 | 1,242E-04 | 2,880E+02  | 6,681E+08   |
| 3                       | 3,320E+02   | 4,980E+02   | 3,540E+02   | 1,469E+05 | 6,097E+07  | 1,957E+05 | 2,136E+03 | 2,974E+02 | -6,068E+00 | -5,509E+00 | 6,518E-10  | 1,806E-08  | 1,740E-08 | 3,406E-03 | 3,540E+02  | 3,679E+07   |
| 4                       | 4,980E+02   | 6,640E+02   | 0,000E+00   | 0,000E+00 | 0,000E+00  | 1,957E+05 | 2,136E+03 | 2,974E+02 | -5,509E+00 | -4,951E+00 | 1,806E-08  | 3,696E-07  | 3,515E-07 | 6,879E-02 | -6,879E-02 | 6,879E-02   |
| 5                       | 6,640E+02   | 8,300E+02   | 0,000E+00   | 0,000E+00 | 0,000E+00  | 1,957E+05 | 2,136E+03 | 2,974E+02 | -4,951E+00 | -4,393E+00 | 3,696E-07  | 5,598E-06  | 5,229E-06 | 1,023E+00 | -1,023E+00 | 1,023E+00   |
| 6                       | 8,300E+02   | 9,960E+02   | 1,878E+03   | 1,715E+06 | 1,565E+09  | 1,957E+05 | 2,136E+03 | 2,974E+02 | -4,393E+00 | -3,835E+00 | 5,598E-06  | 6,291E-05  | 5,731E-05 | 1,121E+01 | 1,867E+03  | 3,107E+05   |
| 7                       | 9,960E+02   | 1,162E+03   | 0,000E+00   | 0,000E+00 | 0,000E+00  | 1,957E+05 | 2,136E+03 | 2,974E+02 | -3,835E+00 | -3,276E+00 | 6,291E-05  | 5,258E-04  | 4,629E-04 | 9,059E+01 | -9,059E+01 | 9,059E+01   |
| 8                       | 1,162E+03   | 1,328E+03   | 0,000E+00   | 0,000E+00 | 0,000E+00  | 1,957E+05 | 2,136E+03 | 2,974E+02 | -3,276E+00 | -2,718E+00 | 5,258E-04  | 3,283E-03  | 2,757E-03 | 5,395E+02 | -5,395E+02 | 5,395E+02   |
| 9                       | 1,328E+03   | 1,494E+03   | 0,000E+00   | 0,000E+00 | 0,000E+00  | 1,957E+05 | 2,136E+03 | 2,974E+02 | -2,718E+00 | -2,160E+00 | 3,283E-03  | 1,539E-02  | 1,211E-02 | 2,369E+03 | -2,369E+03 | 2,369E+03   |
| 10                      | 1,494E+03   | 1,660E+03   | 3,083E+03   | 4,862E+06 | 7,667E+09  | 1,957E+05 | 2,136E+03 | 2,974E+02 | -2,160E+00 | -1,602E+00 | 1,539E-02  | 5,462E-02  | 3,923E-02 | 7,676E+03 | -4,593E+03 | 2,748E+03   |
| 11                      | 1,660E+03   | 1,826E+03   | 1,050E+04   | 1,830E+07 | 3,190E+10  | 1,957E+05 | 2,136E+03 | 2,974E+02 | -1,602E+00 | -1,043E+00 | 5,462E-02  | 1,484E-01  | 9,376E-02 | 1,835E+04 | -7,849E+03 | 3,357E+03   |
| 12                      | 1,826E+03   | 1,992E+03   | 4,766E+04   | 9,098E+07 | 1,737E+11  | 1,957E+05 | 2,136E+03 | 2,974E+02 | -1,043E+00 | -4,852E-01 | 1,484E-01  | 3,138E-01  | 1,654E-01 | 3,237E+04 | 1,529E+04  | 7,226E+03   |
| 13                      | 1,992E+03   | 2,158E+03   | 1,463E+04   | 3,037E+07 | 6,301E+10  | 1,957E+05 | 2,136E+03 | 2,974E+02 | -4,852E-01 | -4,852E-01 | 3,138E-01  | 5,291E-01  | 2,153E-01 | 4,214E+04 | -2,751E+04 | 1,796E+04   |
| 14                      | 2,158E+03   | 2,324E+03   | 5,694E+04   | 1,276E+08 | 2,859E+11  | 1,957E+05 | 2,136E+03 | 2,974E+02 | 7,305E-02  | 6,313E-01  | 5,291E-01  | 7,361E-01  | 2,070E-01 | 4,050E+04 | 1,644E+04  | 6,669E+03   |
| 15                      | 2,324E+03   | 2,490E+03   | 5,982E+04   | 1,440E+08 | 3,466E+11  | 1,957E+05 | 2,136E+03 | 2,974E+02 | 6,313E-01  | 1,190E+00  | 7,361E-01  | 8,829E-01  | 1,468E-01 | 2,873E+04 | 3,109E+04  | 3,363E+04   |
| 16                      | 2,490E+03   | 2,656E+03   | 0,000E+00   | 0,000E+00 | 0,000E+00  | 1,957E+05 | 2,136E+03 | 2,974E+02 | 1,190E+00  | 1,748E+00  | 8,829E-01  | ---        | 1,171E-01 | 2,292E+04 | -2,292E+04 | 2,292E+04   |
| =====                   |             |             |             |           |            |           |           |           |            |            |            |            |           |           |            |             |
| 021 - numero_pacotes_II |             |             |             |           |            |           |           |           |            |            |            |            |           |           |            |             |
| =====                   |             |             |             |           |            |           |           |           |            |            |            |            |           |           |            |             |
| Mínimo .....            | 1,900E+01   |             |             |           |            |           |           |           |            |            |            |            |           |           |            |             |
| Máximo .....            | 6,342E+04   |             |             |           |            |           |           |           |            |            |            |            |           |           |            |             |
| Amplitude .....         | 4,227E+03   |             |             |           |            |           |           |           |            |            |            |            |           |           |            |             |
| Analise .....           | S           |             |             |           |            |           |           |           |            |            |            |            |           |           |            |             |
| Soma SQL .....          | 6,104E+06   |             |             |           |            |           |           |           |            |            |            |            |           |           |            |             |
| Soma Linha (N) ...      | 6,104E+06   |             |             |           |            |           |           |           |            |            |            |            |           |           |            |             |
| Média amostral ...      | 2,750E+04   |             |             |           |            |           |           |           |            |            |            |            |           |           |            |             |
| Somatória fi * Pmi      | 1,678E+11   |             |             |           |            |           |           |           |            |            |            |            |           |           |            |             |
| Somatória fi * Pmi      | 7,210E+15   |             |             |           |            |           |           |           |            |            |            |            |           |           |            |             |
| Somatória fi * Pmi      | 2,750E+04   |             |             |           |            |           |           |           |            |            |            |            |           |           |            |             |
| Desvio padrão amos      | 2,062E+04   |             |             |           |            |           |           |           |            |            |            |            |           |           |            | 3,235E+06   |
| =====                   |             |             |             |           |            |           |           |           |            |            |            |            |           |           |            |             |
| Num                     | De (aberto) | Até (fechad | Ocorrências | Fi * Pmi  | Fi * Pmi^2 | N         | Média     | Desvio    | z lim.inf. | z lim.sup. | Norm.z inf | Norm.z sup | Prob      | Esperado  | Obs - Esp  | (O - E)^2/E |
| =====                   |             |             |             |           |            |           |           |           |            |            |            |            |           |           |            |             |
| 1                       | 0,000E+00   | 4,237E+03   | 1,151E+06   | 2,439E+09 | 5,167E+12  | 6,104E+06 | 2,750E+04 | 2,062E+04 | -1,333E+00 | -1,128E+00 | ---        | 1,297E-01  | 1,297E-01 | 7,916E+05 | 3,597E+05  | 1,635E+05   |
| 2                       | 4,237E+03   | 8,464E+03   | 8,485E+05   | 5,388E+09 | 3,422E+13  | 6,104E+06 | 2,750E+04 | 2,062E+04 | -1,128E+00 | -9,229E-01 | 1,297E-01  | 1,780E-01  | 4,834E-02 | 2,951E+05 | 5,534E+05  | 1,038E+06   |
| 3                       | 8,464E+03   | 1,269E+04   | 4,290E+05   | 4,538E+09 | 4,800E+13  | 6,104E+06 | 2,750E+04 | 2,062E+04 | -9,229E-01 | -7,179E-01 | 1,780E-01  | 2,364E-01  | 5,837E-02 | 3,563E+05 | 7,271E+04  | 1,484E+04   |
| 4                       | 1,269E+04   | 1,692E+04   | 7,516E+04   | 1,113E+09 | 1,647E+13  | 6,104E+06 | 2,750E+04 | 2,062E+04 | -7,179E-01 | -5,129E-01 | 2,364E-01  | 3,040E-01  | 6,759E-02 | 4,126E+05 | -3,374E+05 | 2,759E+05   |
| 5                       | 1,692E+04   | 2,115E+04   | 2,298E+05   | 4,373E+09 | 8,322E+13  | 6,104E+06 | 2,750E+04 | 2,062E+04 | -5,129E-01 | -3,079E-01 | 3,040E-01  | 3,791E-01  | 7,506E-02 | 4,878E+05 | -2,284E+05 | 1,138E+05   |
| 6                       | 2,115E+04   | 2,537E+04   | 1,401E+05   | 3,259E+09 | 7,580E+13  | 6,104E+06 | 2,750E+04 | 2,062E+04 | -3,079E-01 | -1,030E-01 | 3,791E-01  | 4,590E-01  | 7,993E-02 | 4,879E+05 | -3,477E+05 | 2,479E+05   |
| 7                       | 2,537E+04   | 2,960E+04   | 2,795E+05   | 7,682E+09 | 2,111E+14  | 6,104E+06 | 2,750E+04 | 2,062E+04 | -1,030E-01 | 1,020E-01  | 4,590E-01  | 5,406E-01  | 8,163E-02 | 4,982E+05 | -2,188E+05 | 9,604E+04   |
| 8                       | 2,960E+04   | 3,383E+04   | 1,561E+05   | 4,952E+09 | 1,570E+14  | 6,104E+06 | 2,750E+04 | 2,062E+04 | 1,020E-01  | 5,406E-01  | 5,406E-01  | 6,206E-01  | 7,995E-02 | 4,880E+05 | -3,318E+05 | 2,256E+05   |
| 9                       | 3,383E+04   | 3,805E+04   | 2,531E+05   | 9,096E+09 | 3,269E+14  | 6,104E+06 | 2,750E+04 | 2,062E+04 | 3,070E-01  | 5,119E-01  | 6,206E-01  | 6,957E-01  | 7,509E-02 | 4,583E+05 | -2,052E+05 | 9,190E+04   |
| 10                      | 3,805E+04   | 4,228E+04   | 3,963E+05   | 1,592E+10 | 6,393E+14  | 6,104E+06 | 2,750E+04 | 2,062E+04 | 5,119E-01  | 7,169E-01  | 6,957E-01  | 7,633E-01  | 6,763E-02 | 4,128E+05 | -1,654E+04 | 6,626E+02   |
| 11                      | 4,228E+04   | 4,651E+04   | 5,718E+05   | 2,539E+10 | 1,127E+15  | 6,104E+06 | 2,750E+04 | 2,062E+04 | 7,169E-01  | 9,219E-01  | 7,633E-01  | 8,217E-01  | 5,842E-02 | 3,566E+05 | 2,153E+05  | 1,300E+05   |
| 12                      | 4,651E+04   | 5,073E+04   | 5,814E+05   | 2,827E+10 | 1,374E+15  | 6,104E+06 | 2,750E+04 | 2,062E+04 | 9,219E-01  | 1,127E+00  | 8,217E-01  | 8,701E-01  | 4,839E-02 | 2,954E+05 | 2,860E+05  | 2,770E+05   |
| 13                      | 5,073E+04   | 5,496E+04   | 5,265E+05   | 2,783E+10 | 1,471E+15  | 6,104E+06 | 2,750E+04 | 2,062E+04 | 1,127E+00  | 1,332E+00  | 8,701E-01  | 9,085E-01  | 3,844E-02 | 2,346E+05 | 2,919E+05  | 3,631E+05   |
| 14                      | 5,496E+04   | 5,919E+04   | 2,807E+05   | 1,602E+10 | 9,143E+14  | 6,104E+06 | 2,750E+04 | 2,062E+04 | 1,332E+00  | 1,537E+00  | 9,085E-01  | 9,378E-01  | 2,929E-02 | 1,788E+05 | 1,019E+05  | 5,810E+04   |
| 15                      | 5,919E+04   | 6,342E+04   | 1,209E+05   | 7,413E+09 | 4,544E+14  | 6,104E+06 | 2,750E+04 | 2,062E+04 | 1,537E+00  | 1,742E+00  | 9,378E-01  | 9,592E-01  | 2,140E-02 | 1,306E+05 | -9,679E+03 | 7,199E+02   |
| 16                      | 6,342E+04   | 6,764E+04   | 6,342E+04   | 4,156E+09 | 2,723E+14  | 6,104E+06 | 2,750E+04 | 2,062E+04 | 1,742E+00  | 1,947E+00  | 9,592E-01  | ---        | 4,078E-02 | 2,489E+05 | -1,855E+05 | 1,382E+05   |
| =====                   |             |             |             |           |            |           |           |           |            |            |            |            |           |           |            |             |

| 022 - numero pacotes_IE |             |             |             |           |            |           |           |           |            |            |            |            |           |           |            |  |
|-------------------------|-------------|-------------|-------------|-----------|------------|-----------|-----------|-----------|------------|------------|------------|------------|-----------|-----------|------------|--|
| Mínimo                  | 8,200E+01   |             |             |           |            |           |           |           |            |            |            |            |           |           |            |  |
| Máximo                  | 8,627E+04   |             |             |           |            |           |           |           |            |            |            |            |           |           |            |  |
| Amplitude               | 5,746E+03   |             |             |           |            |           |           |           |            |            |            |            |           |           |            |  |
| Analise                 | S           |             |             |           |            |           |           |           |            |            |            |            |           |           |            |  |
| Soma SQL                | 3,554E+07   |             |             |           |            |           |           |           |            |            |            |            |           |           |            |  |
| Soma Linha (N)          | 3,554E+07   |             |             |           |            |           |           |           |            |            |            |            |           |           |            |  |
| Média amostral          | 2,772E+04   |             |             |           |            |           |           |           |            |            |            |            |           |           |            |  |
| Somatória fi * Pmi      | 9,850E+11   |             |             |           |            |           |           |           |            |            |            |            |           |           |            |  |
| Somatória fi * Pmi      | 3,439E+16   |             |             |           |            |           |           |           |            |            |            |            |           |           |            |  |
| Somatória fi * Pmi      | 2,772E+04   |             |             |           |            |           |           |           |            |            |            |            |           |           |            |  |
| Desvio padrão amos      | 1,412E+04   |             |             |           |            |           |           |           |            |            |            |            |           |           |            | Valor para teste de qui-quadrado 4,178E+07 |
| Num                     | De (aberto) | Até (fechad | Ocorrências | Fi * Pmi  | Fi * Pmi^2 | N         | Média     | Desvio    | z lim.inf. | z lim.sup. | Norm.z inf | Norm.z sup | Prob      | Esperado  | Obs - Esp  | (O - e)^2/e                                |
| 1                       | 0,000E+00   | 5,787E+03   | 8,581E+05   | 2,483E+09 | 7,184E+12  | 3,554E+07 | 2,772E+04 | 1,412E+04 | -1,963E+00 | -1,553E+00 | ---        | 6,023E-02  | 6,023E-02 | 2,140E+06 | -1,282E+06 | 7,683E+05                                  |
| 2                       | 5,787E+03   | 1,153E+04   | 1,716E+06   | 1,486E+10 | 1,287E+14  | 3,554E+07 | 2,772E+04 | 1,412E+04 | -1,553E+00 | -1,146E+00 | 6,023E-02  | 1,259E-01  | 6,566E-02 | 2,333E+06 | -6,173E+05 | 1,633E+05                                  |
| 3                       | 1,153E+04   | 1,728E+04   | 4,737E+06   | 6,824E+10 | 9,831E+14  | 3,554E+07 | 2,772E+04 | 1,412E+04 | -1,146E+00 | -7,392E-01 | 1,259E-01  | 2,299E-01  | 1,040E-01 | 3,696E+06 | 1,041E+06  | 2,934E+05                                  |
| 4                       | 1,728E+04   | 2,303E+04   | 7,283E+06   | 1,468E+11 | 2,958E+15  | 3,554E+07 | 2,772E+04 | 1,412E+04 | -7,392E-01 | -3,324E-01 | 2,299E-01  | 3,698E-01  | 1,399E-01 | 4,972E+06 | 2,311E+06  | 1,074E+06                                  |
| 5                       | 2,303E+04   | 2,877E+04   | 7,684E+06   | 1,990E+11 | 5,154E+15  | 3,554E+07 | 2,772E+04 | 1,412E+04 | -3,324E-01 | 7,443E-02  | 3,698E-01  | 5,297E-01  | 1,599E-01 | 5,681E+06 | 2,003E+06  | 7,063E+05                                  |
| 6                       | 2,877E+04   | 3,452E+04   | 4,831E+06   | 1,529E+11 | 4,838E+15  | 3,554E+07 | 2,772E+04 | 1,412E+04 | 7,443E-02  | 4,812E-01  | 5,297E-01  | 6,848E-01  | 1,552E-01 | 5,514E+06 | -6,826E+05 | 8,450E+04                                  |
| 7                       | 3,452E+04   | 4,026E+04   | 2,883E+06   | 1,078E+11 | 4,031E+15  | 3,554E+07 | 2,772E+04 | 1,412E+04 | 4,812E-01  | 8,881E-01  | 6,848E-01  | 8,127E-01  | 1,279E-01 | 4,546E+06 | -1,662E+06 | 6,080E+05                                  |
| 8                       | 4,026E+04   | 4,601E+04   | 2,239E+06   | 9,658E+10 | 4,166E+15  | 3,554E+07 | 2,772E+04 | 1,412E+04 | 8,881E-01  | 1,295E+00  | 8,127E-01  | 9,023E-01  | 8,957E-02 | 3,183E+06 | -9,440E+05 | 2,800E+05                                  |
| 9                       | 4,601E+04   | 5,176E+04   | 1,171E+06   | 5,724E+10 | 2,798E+15  | 3,554E+07 | 2,772E+04 | 1,412E+04 | 1,295E+00  | 1,702E+00  | 9,023E-01  | 9,556E-01  | 5,328E-02 | 1,893E+06 | -7,222E+05 | 2,755E+05                                  |
| 10                      | 5,176E+04   | 5,750E+04   | 7,519E+05   | 4,107E+10 | 2,244E+15  | 3,554E+07 | 2,772E+04 | 1,412E+04 | 1,702E+00  | 2,108E+00  | 9,556E-01  | 9,825E-01  | 2,691E-02 | 9,564E+05 | -2,045E+05 | 4,374E+04                                  |
| 11                      | 5,750E+04   | 6,325E+04   | 2,964E+05   | 1,790E+10 | 1,081E+15  | 3,554E+07 | 2,772E+04 | 1,412E+04 | 2,108E+00  | 2,515E+00  | 9,825E-01  | 9,941E-01  | 1,155E-02 | 4,104E+05 | -1,139E+05 | 3,162E+04                                  |
| 12                      | 6,325E+04   | 6,899E+04   | 5,241E+05   | 3,465E+10 | 2,291E+15  | 3,554E+07 | 2,772E+04 | 1,412E+04 | 2,515E+00  | 2,922E+00  | 9,941E-01  | 9,983E-01  | 4,208E-03 | 1,495E+05 | 3,746E+05  | 9,382E+05                                  |
| 13                      | 6,899E+04   | 7,474E+04   | 7,129E+04   | 5,124E+09 | 3,682E+14  | 3,554E+07 | 2,772E+04 | 1,412E+04 | 2,922E+00  | 3,329E+00  | 9,983E-01  | 9,996E-01  | 1,302E-03 | 4,628E+04 | 2,501E+04  | 1,352E+04                                  |
| 14                      | 7,474E+04   | 8,049E+04   | 1,513E+05   | 1,174E+10 | 9,114E+14  | 3,554E+07 | 2,772E+04 | 1,412E+04 | 3,329E+00  | 3,736E+00  | 9,996E-01  | 9,999E-01  | 3,423E-04 | 1,217E+04 | 1,391E+05  | 1,591E+06                                  |
| 15                      | 8,049E+04   | 8,623E+04   | 2,521E+05   | 2,101E+10 | 1,751E+15  | 3,554E+07 | 2,772E+04 | 1,412E+04 | 3,736E+00  | 4,143E+00  | 9,999E-01  | 1,000E+00  | 7,643E-05 | 2,716E+03 | 2,493E+05  | 2,289E+07                                  |
| 16                      | 8,623E+04   | 9,198E+04   | 8,627E+04   | 7,687E+09 | 6,850E+14  | 3,554E+07 | 2,772E+04 | 1,412E+04 | 4,143E+00  | 4,549E+00  | 1,000E+00  | ---        | 1,718E-05 | 6,106E+02 | 8,566E+04  | 1,202E+07                                  |
| 023 - numero pacotes_EI |             |             |             |           |            |           |           |           |            |            |            |            |           |           |            |  |
| Mínimo                  | 1,000E+00   |             |             |           |            |           |           |           |            |            |            |            |           |           |            |  |
| Máximo                  | 1,055E+05   |             |             |           |            |           |           |           |            |            |            |            |           |           |            |  |
| Amplitude               | 7,034E+03   |             |             |           |            |           |           |           |            |            |            |            |           |           |            |  |
| Analise                 | S           |             |             |           |            |           |           |           |            |            |            |            |           |           |            |  |
| Soma SQL                | 3,003E+07   |             |             |           |            |           |           |           |            |            |            |            |           |           |            |  |
| Soma Linha (N)          | 3,003E+07   |             |             |           |            |           |           |           |            |            |            |            |           |           |            |  |
| Média amostral          | 2,408E+04   |             |             |           |            |           |           |           |            |            |            |            |           |           |            |  |
| Somatória fi * Pmi      | 7,233E+11   |             |             |           |            |           |           |           |            |            |            |            |           |           |            |  |
| Somatória fi * Pmi      | 2,237E+16   |             |             |           |            |           |           |           |            |            |            |            |           |           |            |  |
| Somatória fi * Pmi      | 2,408E+04   |             |             |           |            |           |           |           |            |            |            |            |           |           |            | Valor para teste de qui-quadrado 1,098E+11 |
| Desvio padrão amos      | 1,284E+04   |             |             |           |            |           |           |           |            |            |            |            |           |           |            |  |
| Num                     | De (aberto) | Até (fechad | Ocorrências | Fi * Pmi  | Fi * Pmi^2 | N         | Média     | Desvio    | z lim.inf. | z lim.sup. | Norm.z inf | Norm.z sup | Prob      | Esperado  | Obs - Esp  | (O - e)^2/e                                |
| 1                       | 0,000E+00   | 7,035E+03   | 1,231E+06   | 4,331E+09 | 1,523E+13  | 3,003E+07 | 2,408E+04 | 1,284E+04 | -1,875E+00 | -1,327E+00 | ---        | 9,218E-02  | 9,218E-02 | 2,768E+06 | -1,537E+06 | 8,534E+05                                  |
| 2                       | 7,035E+03   | 1,407E+04   | 5,411E+06   | 5,710E+10 | 6,025E+14  | 3,003E+07 | 2,408E+04 | 1,284E+04 | -1,327E+00 | -7,798E-01 | 9,218E-02  | 2,178E-01  | 1,256E-01 | 3,771E+06 | 1,640E+06  | 7,134E+05                                  |
| 3                       | 1,407E+04   | 2,110E+04   | 7,256E+06   | 1,276E+11 | 2,244E+15  | 3,003E+07 | 2,408E+04 | 1,284E+04 | -7,798E-01 | -2,322E-01 | 2,178E-01  | 4,082E-01  | 1,905E-01 | 5,719E+06 | 1,537E+06  | 4,129E+05                                  |
| 4                       | 2,110E+04   | 2,814E+04   | 6,479E+06   | 1,595E+11 | 3,927E+15  | 3,003E+07 | 2,408E+04 | 1,284E+04 | -2,322E-01 | 3,155E-01  | 4,082E-01  | 6,238E-01  | 2,156E-01 | 6,474E+06 | 4,439E+03  | 3,044E+00                                  |
| 5                       | 2,814E+04   | 3,517E+04   | 4,647E+06   | 1,471E+11 | 4,656E+15  | 3,003E+07 | 2,408E+04 | 1,284E+04 | 3,155E-01  | 8,631E-01  | 6,238E-01  | 8,060E-01  | 1,822E-01 | 8,060E+06 | -8,292E+05 | 1,328E+05                                  |
| 6                       | 3,517E+04   | 4,221E+04   | 2,621E+06   | 1,014E+11 | 3,923E+15  | 3,003E+07 | 2,408E+04 | 1,284E+04 | 8,631E-01  | 1,411E+00  | 8,060E-01  | 9,208E-01  | 1,149E-01 | 3,450E+06 | -8,290E+05 | 1,992E+05                                  |
| 7                       | 4,221E+04   | 4,924E+04   | 1,034E+06   | 4,727E+10 | 2,161E+15  | 3,003E+07 | 2,408E+04 | 1,284E+04 | 1,411E+00  | 1,958E+00  | 9,208E-01  | 9,749E-01  | 5,407E-02 | 1,624E+06 | -5,898E+05 | 2,142E+05                                  |
| 8                       | 4,924E+04   | 5,627E+04   | 8,902E+05   | 4,697E+10 | 2,478E+15  | 3,003E+07 | 2,408E+04 | 1,284E+04 | 1,958E+00  | 2,506E+00  | 9,749E-01  | 9,939E-01  | 1,899E-02 | 5,702E+05 | 3,201E+05  | 1,797E+05                                  |
| 9                       | 5,627E+04   | 6,331E+04   | 3,551E+05   | 2,123E+10 | 1,269E+15  | 3,003E+07 | 2,408E+04 | 1,284E+04 | 2,506E+00  | 3,054E+00  | 9,939E-01  | 9,989E-01  | 4,975E-03 | 1,494E+05 | 2,057E+05  | 2,833E+05                                  |
| 10                      | 6,331E+04   | 7,034E+04   | 0,000E+00   | 0,000E+00 | 0,000E+00  | 3,003E+07 | 2,408E+04 | 1,284E+04 | 3,054E+00  | 3,601E+00  | 9,989E-01  | 9,998E-01  | 9,721E-04 | 2,919E+04 | -2,919E+04 | 2,919E+04                                  |
| 11                      | 7,034E+04   | 7,738E+04   | 0,000E+00   | 0,000E+00 | 0,000E+00  | 3,003E+07 | 2,408E+04 | 1,284E+04 | 3,601E+00  | 4,149E+00  | 9,998E-01  | 1,000E+00  | 1,416E-04 | 4,254E+03 | -4,254E+03 | 4,254E+03                                  |
| 12                      | 7,738E+04   | 8,441E+04   | 0,000E+00   | 0,000E+00 | 0,000E+00  | 3,003E+07 | 2,408E+04 | 1,284E+04 | 4,149E+00  | 4,697E+00  | 1,000E+00  | 1,000E+00  | 1,539E-05 | 4,621E+02 | -4,621E+02 | 4,621E+02                                  |
| 13                      | 8,441E+04   | 9,144E+04   | 0,000E+00   | 0,000E+00 | 0,000E+00  | 3,003E+07 | 2,408E+04 | 1,284E+04 | 4,697E+00  | 5,244E+00  | 1,000E+00  | 1,000E+00  | 1,246E-06 | 3,741E+01 | -3,741E+01 | 3,741E+01                                  |
| 14                      | 9,144E+04   | 9,848E+04   | 0,000E+00   | 0,000E+00 | 0,000E+00  | 3,003E+07 | 2,408E+04 | 1,284E+04 | 5,244E+00  | 5,792E+00  | 1,000E+00  | 1,000E+00  | 7,515E-08 | 2,257E+00 | -2,257E+00 | 2,257E+00                                  |
| 15                      | 9,848E+04   | 1,055E+05   | 1,055E+05   | 1,079E+15 | 1,097E+15  | 3,003E+07 | 2,408E+04 | 1,284E+04 | 5,792E+00  | 6,339E+00  | 1,000E+00  | 1,000E+00  | 1,014E-01 | 1,055E+05 | 1,055E+05  | 1,098E+11                                  |
| 16                      | 1,055E+05   | 1,125E+05   | 0,000E+00   | 0,000E+00 | 0,000E+00  | 3,003E+07 | 2,408E+04 | 1,284E+04 | 6,339E+00  | 6,887E+00  | 1,000E+00  | ---        | 1,158E-10 | 3,477E-03 | -3,477E-03 | 3,477E-03                                  |

| 024 - numero pacotes_EE |             |             |             |           |            |           |           |           |            |            |            |            |           |           |  |             |
|-------------------------|-------------|-------------|-------------|-----------|------------|-----------|-----------|-----------|------------|------------|------------|------------|-----------|-----------|--|-------------|
| Mínimo                  | 0,000E+00   |             |             |           |            |           |           |           |            |            |            |            |           |           |  |             |
| Máximo                  | 2,000E+01   |             |             |           |            |           |           |           |            |            |            |            |           |           |  |             |
| Amplitude               | 2,000E+00   |             |             |           |            |           |           |           |            |            |            |            |           |           |  |             |
| Analise                 | S           |             |             |           |            |           |           |           |            |            |            |            |           |           |  |             |
| Soma SQL                | 1,554E+03   |             |             |           |            |           |           |           |            |            |            |            |           |           |  |             |
| Soma Linha (N)          | 1,554E+03   |             |             |           |            |           |           |           |            |            |            |            |           |           |  |             |
| Média amostral          | 1,704E+01   |             |             |           |            |           |           |           |            |            |            |            |           |           |  |             |
| Somatória fi * Pmi      | 2,648E+04   |             |             |           |            |           |           |           |            |            |            |            |           |           |  |             |
| Somatória fi * Pmi      | 4,629E+05   |             |             |           |            |           |           |           |            |            |            |            |           |           |  |             |
| Somatória fi * Pmi      | 1,704E+01   |             |             |           |            |           |           |           |            |            |            |            |           |           |  |             |
| Desvio padrão amos      | 2,727E+00   |             |             |           |            |           |           |           |            |            |            |            |           |           | Valor para teste de qui-quadrado 3,094E+06 |             |
| 025 - numero fluxos_TCP |             |             |             |           |            |           |           |           |            |            |            |            |           |           |  |             |
| Mínimo                  | 2,400E+01   |             |             |           |            |           |           |           |            |            |            |            |           |           |  |             |
| Máximo                  | 4,885E+03   |             |             |           |            |           |           |           |            |            |            |            |           |           |  |             |
| Amplitude               | 3,250E+02   |             |             |           |            |           |           |           |            |            |            |            |           |           |  |             |
| Analise                 | S           |             |             |           |            |           |           |           |            |            |            |            |           |           |  |             |
| Soma SQL                | 1,434E+06   |             |             |           |            |           |           |           |            |            |            |            |           |           |  |             |
| Soma Linha (N)          | 1,434E+06   |             |             |           |            |           |           |           |            |            |            |            |           |           |  |             |
| Média amostral          | 1,690E+03   |             |             |           |            |           |           |           |            |            |            |            |           |           |  |             |
| Somatória fi * Pmi      | 2,424E+09   |             |             |           |            |           |           |           |            |            |            |            |           |           |  |             |
| Somatória fi * Pmi      | 6,923E+12   |             |             |           |            |           |           |           |            |            |            |            |           |           |  |             |
| Somatória fi * Pmi      | 1,690E+03   |             |             |           |            |           |           |           |            |            |            |            |           |           | Valor para teste de qui-quadrado 1,303E+06 |             |
| Desvio padrão amos      | 1,404E+03   |             |             |           |            |           |           |           |            |            |            |            |           |           |  |             |
| Num                     | De (aberto) | Até (fechad | Ocorrências | Fi * Pmi  | Fi * Pmi^2 | N         | Média     | Desvio    | z lim.inf. | z lim.sup. | Norm.z inf | Norm.z sup | Prob      | Esperado  | Obs - Esp                                  | (O - e)^2/e |
| 1                       | 0,000E+00   | 2,000E+00   | 9,000E+00   | 9,000E+00 | 9,000E+00  | 1,554E+03 | 1,704E+01 | 2,727E+00 | -6,251E+00 | -5,517E+00 | ---        | 1,728E-08  | 1,728E-08 | 2,686E-05 | 9,000E+00                                  | 3,016E+06   |
| 2                       | 2,000E+00   | 4,000E+00   | 1,000E+01   | 3,000E+01 | 9,000E+01  | 1,554E+03 | 1,704E+01 | 2,727E+00 | -5,517E+00 | -4,783E+00 | 1,728E-08  | 8,625E-07  | 8,452E-07 | 1,313E-03 | 9,999E+00                                  | 7,612E+04   |
| 3                       | 4,000E+00   | 6,000E+00   | 5,000E+00   | 2,500E+01 | 1,250E+02  | 1,554E+03 | 1,704E+01 | 2,727E+00 | -4,783E+00 | -4,050E+00 | 8,625E-07  | 2,563E-05  | 2,476E-05 | 3,848E-02 | 4,962E+00                                  | 6,397E+02   |
| 4                       | 6,000E+00   | 8,000E+00   | 8,000E+00   | 5,600E+01 | 3,920E+02  | 1,554E+03 | 1,704E+01 | 2,727E+00 | -4,050E+00 | -3,316E+00 | 2,563E-05  | 4,559E-04  | 4,303E-04 | 6,687E-01 | 7,331E+00                                  | 8,038E+01   |
| 5                       | 8,000E+00   | 1,000E+01   | 0,000E+00   | 0,000E+00 | 0,000E+00  | 1,554E+03 | 1,704E+01 | 2,727E+00 | -3,316E+00 | -2,583E+00 | 4,559E-04  | 4,899E-03  | 4,443E-03 | 6,904E+00 | -6,904E+00                                 | 6,904E+00   |
| 6                       | 1,000E+01   | 1,200E+01   | 0,000E+00   | 0,000E+00 | 0,000E+00  | 1,554E+03 | 1,704E+01 | 2,727E+00 | -2,583E+00 | -1,849E+00 | 4,899E-03  | 3,220E-02  | 2,730E-02 | 4,243E+01 | -4,243E+01                                 | 4,243E+01   |
| 7                       | 1,200E+01   | 1,400E+01   | 5,500E+01   | 7,150E+02 | 9,295E+03  | 1,554E+03 | 1,704E+01 | 2,727E+00 | -1,849E+00 | -1,116E+00 | 3,220E-02  | 1,322E-01  | 1,000E-01 | 1,555E+02 | -1,005E+02                                 | 6,492E+01   |
| 8                       | 1,400E+01   | 1,600E+01   | 4,330E+02   | 6,495E+03 | 9,743E+04  | 1,554E+03 | 1,704E+01 | 2,727E+00 | -1,116E+00 | -3,823E-01 | 1,322E-01  | 3,511E-01  | 2,189E-01 | 3,401E+02 | 9,288E+01                                  | 2,537E+01   |
| 9                       | 1,600E+01   | 1,800E+01   | 2,460E+02   | 4,182E+03 | 7,109E+04  | 1,554E+03 | 1,704E+01 | 2,727E+00 | -3,823E-01 | 3,512E-01  | 3,511E-01  | 6,373E-01  | 2,862E-01 | 4,447E+02 | -1,987E+02                                 | 8,879E+01   |
| 10                      | 1,800E+01   | 2,000E+01   | 7,880E+02   | 1,497E+04 | 2,845E+05  | 1,554E+03 | 1,704E+01 | 2,727E+00 | 3,512E-01  | 1,085E+00  | 6,373E-01  | 8,610E-01  | 2,237E-01 | 3,476E+02 | 4,404E+02                                  | 5,579E+02   |
| 11                      | 2,000E+01   | 2,200E+01   | 0,000E+00   | 0,000E+00 | 0,000E+00  | 1,554E+03 | 1,704E+01 | 2,727E+00 | 1,085E+00  | 1,818E+00  | 8,610E-01  | 9,655E-01  | 1,045E-01 | 1,624E+02 | -1,624E+02                                 | 1,624E+02   |
| 12                      | 2,200E+01   | 2,400E+01   | 0,000E+00   | 0,000E+00 | 0,000E+00  | 1,554E+03 | 1,704E+01 | 2,727E+00 | 1,818E+00  | 2,552E+00  | 9,655E-01  | 9,946E-01  | 2,915E-02 | 4,531E+01 | -4,531E+01                                 | 4,531E+01   |
| 13                      | 2,400E+01   | 2,600E+01   | 0,000E+00   | 0,000E+00 | 0,000E+00  | 1,554E+03 | 1,704E+01 | 2,727E+00 | 2,552E+00  | 3,285E+00  | 9,946E-01  | 9,995E-01  | 4,850E-03 | 7,536E+00 | -7,536E+00                                 | 7,536E+00   |
| 14                      | 2,600E+01   | 2,800E+01   | 0,000E+00   | 0,000E+00 | 0,000E+00  | 1,554E+03 | 1,704E+01 | 2,727E+00 | 3,285E+00  | 4,019E+00  | 9,995E-01  | 1,000E+00  | 4,802E-04 | 7,462E-01 | -7,462E-01                                 | 7,462E-01   |
| 15                      | 2,800E+01   | 3,000E+01   | 0,000E+00   | 0,000E+00 | 0,000E+00  | 1,554E+03 | 1,704E+01 | 2,727E+00 | 4,019E+00  | 4,752E+00  | 1,000E+00  | 1,000E+00  | 4,802E-05 | 4,391E-02 | -4,391E-02                                 | 4,391E-02   |
| 16                      | 3,000E+01   | 3,200E+01   | 0,000E+00   | 0,000E+00 | 0,000E+00  | 1,554E+03 | 1,704E+01 | 2,727E+00 | 4,752E+00  | 5,486E+00  | 1,000E+00  | ---        | 1,007E-06 | 1,564E-03 | -1,564E-03                                 | 1,564E-03   |
| Num                     | De (aberto) | Até (fechad | Ocorrências | Fi * Pmi  | Fi * Pmi^2 | N         | Média     | Desvio    | z lim.inf. | z lim.sup. | Norm.z inf | Norm.z sup | Prob      | Esperado  | Obs - Esp                                  | (O - e)^2/e |
| 1                       | 0,000E+00   | 3,370E+02   | 1,353E+05   | 2,279E+07 | 3,840E+09  | 1,434E+06 | 1,690E+03 | 1,404E+03 | -1,203E+00 | -9,632E-01 | ---        | 1,677E-01  | 1,677E-01 | 2,406E+05 | -1,053E+05                                 | 4,612E+04   |
| 2                       | 3,370E+02   | 6,620E+02   | 1,911E+05   | 9,544E+07 | 4,767E+10  | 1,434E+06 | 1,690E+03 | 1,404E+03 | -9,632E-01 | -7,318E-01 | 1,677E-01  | 2,322E-01  | 6,443E-02 | 9,243E+04 | 9,865E+04                                  | 1,053E+05   |
| 3                       | 6,620E+02   | 9,870E+02   | 2,794E+05   | 2,304E+08 | 1,900E+11  | 1,434E+06 | 1,690E+03 | 1,404E+03 | -7,318E-01 | -5,003E-01 | 2,322E-01  | 3,084E-01  | 7,627E-02 | 1,094E+05 | 1,700E+05                                  | 2,643E+05   |
| 4                       | 9,870E+02   | 1,312E+03   | 2,595E+05   | 2,983E+08 | 3,428E+11  | 1,434E+06 | 1,690E+03 | 1,404E+03 | -5,003E-01 | -2,689E-01 | 3,084E-01  | 3,940E-01  | 8,559E-02 | 1,228E+05 | 1,367E+05                                  | 1,522E+05   |
| 5                       | 1,312E+03   | 1,637E+03   | 7,871E+04   | 1,161E+08 | 1,711E+11  | 1,434E+06 | 1,690E+03 | 1,404E+03 | -2,689E-01 | -3,744E-02 | 3,940E-01  | 4,851E-01  | 9,106E-02 | 1,306E+05 | -5,191E+04                                 | 2,063E+04   |
| 6                       | 1,637E+03   | 1,962E+03   | 8,184E+04   | 1,473E+08 | 2,650E+11  | 1,434E+06 | 1,690E+03 | 1,404E+03 | -3,744E-02 | -1,940E-01 | 4,851E-01  | 5,769E-01  | 9,185E-02 | 1,318E+05 | -4,991E+04                                 | 1,891E+04   |
| 7                       | 1,962E+03   | 2,287E+03   | 4,523E+04   | 9,609E+07 | 2,042E+11  | 1,434E+06 | 1,690E+03 | 1,404E+03 | 1,940E-01  | 4,255E-01  | 5,769E-01  | 6,647E-01  | 8,783E-02 | 1,260E+05 | -8,076E+04                                 | 5,177E+04   |
| 8                       | 2,287E+03   | 2,612E+03   | 2,948E+04   | 7,221E+07 | 1,769E+11  | 1,434E+06 | 1,690E+03 | 1,404E+03 | 4,255E-01  | 6,569E-01  | 6,647E-01  | 7,444E-01  | 7,963E-02 | 1,142E+05 | -8,475E+04                                 | 6,288E+04   |
| 9                       | 2,612E+03   | 2,937E+03   | 2,214E+04   | 6,142E+07 | 1,704E+11  | 1,434E+06 | 1,690E+03 | 1,404E+03 | 6,569E-01  | 8,883E-01  | 7,444E-01  | 8,128E-01  | 6,845E-02 | 9,818E+04 | -7,605E+04                                 | 5,890E+04   |
| 10                      | 2,937E+03   | 3,262E+03   | 2,133E+04   | 6,611E+07 | 2,049E+11  | 1,434E+06 | 1,690E+03 | 1,404E+03 | 8,883E-01  | 1,120E+00  | 8,128E-01  | 8,686E-01  | 5,578E-02 | 8,001E+04 | -5,868E+04                                 | 4,304E+04   |
| 11                      | 3,262E+03   | 3,587E+03   | 2,714E+04   | 9,293E+07 | 3,183E+11  | 1,434E+06 | 1,690E+03 | 1,404E+03 | 1,120E+00  | 1,351E+00  | 8,686E-01  | 9,117E-01  | 4,309E-02 | 6,181E+04 | -3,468E+04                                 | 1,945E+04   |
| 12                      | 3,587E+03   | 3,912E+03   | 3,791E+04   | 1,421E+08 | 5,329E+11  | 1,434E+06 | 1,690E+03 | 1,404E+03 | 1,351E+00  | 1,583E+00  | 9,117E-01  | 9,433E-01  | 3,156E-02 | 4,528E+04 | -7,372E+03                                 | 1,200E+03   |
| 13                      | 3,912E+03   | 4,237E+03   | 8,158E+04   | 3,324E+08 | 1,354E+12  | 1,434E+06 | 1,690E+03 | 1,404E+03 | 1,583E+00  | 1,814E+00  | 9,433E-01  | 9,652E-01  | 2,192E-02 | 3,144E+04 | 5,014E+04                                  | 7,996E+04   |
| 14                      | 4,237E+03   | 4,562E+03   | 9,123E+04   | 4,013E+08 | 1,766E+12  | 1,434E+06 | 1,690E+03 | 1,404E+03 | 1,814E+00  | 2,046E+00  | 9,652E-01  | 9,796E-01  | 1,443E-02 | 2,070E+04 | 7,053E+04                                  | 2,403E+05   |
| 15                      | 4,562E+03   | 4,887E+03   | 5,266E+04   | 2,488E+08 | 1,175E+12  | 1,434E+06 | 1,690E+03 | 1,404E+03 | 2,046E+00  | 2,277E+00  | 9,796E-01  | 9,886E-01  | 9,007E-03 | 1,292E+04 | 3,974E+04                                  | 1,222E+05   |
| 16                      | 4,887E+03   | 5,212E+03   | 0,000E+00   | 0,000E+00 | 0,000E+00  | 1,434E+06 | 1,690E+03 | 1,404E+03 | 2,277E+00  | 2,508E+00  | 9,886E-01  | ---        | 1,139E-02 | 1,634E+04 | -1,634E+04                                 | 1,634E+04   |



| 026 - numero_fluxos_UDP |             |               |             |           |            |           |           |           |            |            |            |            |           |           |                                  |             |
|-------------------------|-------------|---------------|-------------|-----------|------------|-----------|-----------|-----------|------------|------------|------------|------------|-----------|-----------|----------------------------------|-------------|
| Mínimo .....            | 1,200E+01   |               |             |           |            |           |           |           |            |            |            |            |           |           |                                  |             |
| Máximo .....            | 9,100E+02   |               |             |           |            |           |           |           |            |            |            |            |           |           |                                  |             |
| Amplitude .....         | 6,000E+01   |               |             |           |            |           |           |           |            |            |            |            |           |           |                                  |             |
| Analise .....           | S           |               |             |           |            |           |           |           |            |            |            |            |           |           |                                  |             |
| Soma SQL .....          | 2,446E+05   |               |             |           |            |           |           |           |            |            |            |            |           |           |                                  |             |
| Soma Linha (N) ...      | 2,446E+05   |               |             |           |            |           |           |           |            |            |            |            |           |           |                                  |             |
| Média amostral ...      | 1,749E+02   |               |             |           |            |           |           |           |            |            |            |            |           |           |                                  |             |
| Somatória fi * Pmi      | 4,279E+07   |               |             |           |            |           |           |           |            |            |            |            |           |           |                                  |             |
| Somatória fi * Pmi      | 1,009E+10   |               |             |           |            |           |           |           |            |            |            |            |           |           |                                  |             |
| Somatória fi * Pmi      | 1,749E+02   |               |             |           |            |           |           |           |            |            |            |            |           |           |                                  |             |
| Desvio padrão amos      | 1,031E+02   |               |             |           |            |           |           |           |            |            |            |            |           |           | Valor para teste de qui-quadrado | 5,014E+12   |
| Num                     | De (aberto) | Até (fechado) | Ocorrências | Fi * Pmi  | Fi * Pmi^2 | N         | Média     | Desvio    | z lim.inf. | z lim.sup. | Norm.z inf | Norm.z sup | Prob      | Esperado  | Obs - Esp                        | (O - e)^2/e |
| 1                       | 0,000E+00   | 6,600E+01     | 3,485E+04   | 1,150E+06 | 3,795E+07  | 2,446E+05 | 1,749E+02 | 1,031E+02 | -1,696E+00 | -1,056E+00 | ---        | 1,455E-01  | 1,455E-01 | 3,558E+04 | -7,388E+02                       | 1,534E+01   |
| 2                       | 6,600E+01   | 1,260E+02     | 4,381E+04   | 4,205E+06 | 4,037E+08  | 2,446E+05 | 1,749E+02 | 1,031E+02 | -1,056E+00 | -4,743E-01 | 1,455E-01  | 3,177E-01  | 1,722E-01 | 4,213E+04 | 1,679E+03                        | 6,691E+01   |
| 3                       | 1,260E+02   | 1,860E+02     | 5,472E+04   | 8,537E+06 | 1,332E+09  | 2,446E+05 | 1,749E+02 | 1,031E+02 | -4,743E-01 | 1,076E-01  | 3,177E-01  | 5,428E-01  | 2,252E-01 | 5,509E+04 | -3,669E+02                       | 2,443E+00   |
| 4                       | 1,860E+02   | 2,460E+02     | 6,827E+04   | 1,475E+07 | 3,185E+09  | 2,446E+05 | 1,749E+02 | 1,031E+02 | 1,076E-01  | 6,895E-01  | 5,428E-01  | 7,547E-01  | 2,119E-01 | 5,184E+04 | 1,643E+04                        | 5,210E+03   |
| 5                       | 2,460E+02   | 3,060E+02     | 2,415E+04   | 6,666E+06 | 1,840E+09  | 2,446E+05 | 1,749E+02 | 1,031E+02 | 6,895E-01  | 1,271E+00  | 7,547E-01  | 8,982E-01  | 1,435E-01 | 3,510E+04 | -1,095E+04                       | 3,413E+03   |
| 6                       | 3,060E+02   | 3,660E+02     | 1,018E+04   | 3,420E+06 | 1,149E+09  | 2,446E+05 | 1,749E+02 | 1,031E+02 | 1,271E+00  | 1,853E+00  | 8,982E-01  | 9,681E-01  | 6,988E-02 | 1,710E+04 | -6,916E+03                       | 2,798E+03   |
| 7                       | 3,660E+02   | 4,260E+02     | 5,910E+03   | 2,340E+06 | 9,268E+08  | 2,446E+05 | 1,749E+02 | 1,031E+02 | 1,853E+00  | 2,435E+00  | 9,681E-01  | 9,926E-01  | 2,448E-02 | 5,989E+03 | -7,931E+01                       | 1,050E+00   |
| 8                       | 4,260E+02   | 4,860E+02     | 1,331E+03   | 6,069E+05 | 2,768E+08  | 2,446E+05 | 1,749E+02 | 1,031E+02 | 2,435E+00  | 3,017E+00  | 9,926E-01  | 9,987E-01  | 6,168E-03 | 1,509E+03 | -1,779E+02                       | 2,097E+01   |
| 9                       | 4,860E+02   | 5,460E+02     | 5,140E+02   | 2,652E+05 | 1,369E+08  | 2,446E+05 | 1,749E+02 | 1,031E+02 | 3,017E+00  | 3,599E+00  | 9,987E-01  | 9,998E-01  | 1,117E-03 | 2,732E+02 | 2,408E+02                        | 2,121E+02   |
| 10                      | 5,460E+02   | 6,060E+02     | 0,000E+00   | 0,000E+00 | 0,000E+00  | 2,446E+05 | 1,749E+02 | 1,031E+02 | 3,599E+00  | 4,181E+00  | 9,998E-01  | 1,000E+00  | 1,453E-04 | 3,556E+01 | -3,556E+01                       | 3,556E+01   |
| 11                      | 6,060E+02   | 6,660E+02     | 0,000E+00   | 0,000E+00 | 0,000E+00  | 2,446E+05 | 1,749E+02 | 1,031E+02 | 4,181E+00  | 4,763E+00  | 1,000E+00  | 1,000E+00  | 1,358E-05 | 3,323E+00 | -3,323E+00                       | 3,323E+00   |
| 12                      | 6,660E+02   | 7,260E+02     | 0,000E+00   | 0,000E+00 | 0,000E+00  | 2,446E+05 | 1,749E+02 | 1,031E+02 | 4,763E+00  | 5,344E+00  | 1,000E+00  | 1,000E+00  | 9,116E-07 | 2,230E-01 | -2,230E-01                       | 2,230E-01   |
| 13                      | 7,260E+02   | 7,860E+02     | 0,000E+00   | 0,000E+00 | 0,000E+00  | 2,446E+05 | 1,749E+02 | 1,031E+02 | 5,344E+00  | 5,926E+00  | 1,000E+00  | 1,000E+00  | 4,390E-08 | 1,074E-02 | -1,074E-02                       | 1,074E-02   |
| 14                      | 7,860E+02   | 8,460E+02     | 0,000E+00   | 0,000E+00 | 0,000E+00  | 2,446E+05 | 1,749E+02 | 1,031E+02 | 5,926E+00  | 6,508E+00  | 1,000E+00  | 1,000E+00  | 1,516E-09 | 3,710E-04 | -3,710E-04                       | 3,710E-04   |
| 15                      | 8,460E+02   | 9,060E+02     | 0,000E+00   | 0,000E+00 | 0,000E+00  | 2,446E+05 | 1,749E+02 | 1,031E+02 | 6,508E+00  | 7,090E+00  | 1,000E+00  | 1,000E+00  | 3,756E-11 | 9,188E-06 | -9,188E-06                       | 9,188E-06   |
| 16                      | 9,060E+02   | 9,660E+02     | 9,100E+02   | 8,518E+05 | 7,972E+08  | 2,446E+05 | 1,749E+02 | 1,031E+02 | 7,090E+00  | 7,672E+00  | 1,000E+00  | ---        | 6,751E-13 | 1,652E-07 | 9,100E+02                        | 5,014E+12   |



| =====                  |             |               |             |           |            |           |           |           |            |            |            |            |           |           |            |                                  |
|------------------------|-------------|---------------|-------------|-----------|------------|-----------|-----------|-----------|------------|------------|------------|------------|-----------|-----------|------------|----------------------------------|
| 006 - numero_pacotes   |             |               |             |           |            |           |           |           |            |            |            |            |           |           |            |                                  |
| =====                  |             |               |             |           |            |           |           |           |            |            |            |            |           |           |            |                                  |
| Mínimo                 | 5,600E+01   |               |             |           |            |           |           |           |            |            |            |            |           |           |            |                                  |
| Máximo                 | 1,060E+04   |               |             |           |            |           |           |           |            |            |            |            |           |           |            |                                  |
| Amplitude              | 7,040E+02   |               |             |           |            |           |           |           |            |            |            |            |           |           |            |                                  |
| Análise                | S           |               |             |           |            |           |           |           |            |            |            |            |           |           |            |                                  |
| Soma SQL               | 2,122E+05   |               |             |           |            |           |           |           |            |            |            |            |           |           |            |                                  |
| Soma Linha (N)         | 2,122E+05   |               |             |           |            |           |           |           |            |            |            |            |           |           |            |                                  |
| Média amostral         | 3,644E+03   |               |             |           |            |           |           |           |            |            |            |            |           |           |            |                                  |
| Somatória fi * Pmi     | 7,732E+08   |               |             |           |            |           |           |           |            |            |            |            |           |           |            |                                  |
| Somatória fi * Pmi     | 5,729E+12   |               |             |           |            |           |           |           |            |            |            |            |           |           |            |                                  |
| Somatória fi * Pmi     | 3,644E+03   |               |             |           |            |           |           |           |            |            |            |            |           |           |            |                                  |
| Desvio padrão amos     | 3,704E+03   |               |             |           |            |           |           |           |            |            |            |            |           |           |            |                                  |
|                        |             |               |             |           |            |           |           |           |            |            |            |            |           |           |            | Valor para teste de qui-quadrado |
|                        |             |               |             |           |            |           |           |           |            |            |            |            |           |           |            | 1,631E+05                        |
| =====                  |             |               |             |           |            |           |           |           |            |            |            |            |           |           |            |                                  |
| Num                    | De (aberto) | Até (fechado) | Ocorrências | Fi * Pmi  | Fi * Pmi^2 | N         | Média     | Desvio    | z lim.inf. | z lim.sup. | Norm.z inf | Norm.z sup | Prob      | Esperado  | Obs - Esp  | (O - e)^2/e                      |
| 1                      | 0,000E+00   | 7,320E+02     | 1,081E+05   | 3,958E+07 | 1,449E+10  | 2,122E+05 | 3,644E+03 | 3,704E+03 | -9,837E-01 | -7,861E-01 | ---        | 2,159E-01  | 2,159E-01 | 4,581E+04 | 6,232E+04  | 8,478E+04                        |
| 2                      | 7,320E+02   | 1,436E+03     | 1,915E+03   | 2,076E+06 | 2,250E+09  | 2,122E+05 | 3,644E+03 | 3,704E+03 | -7,861E-01 | -5,960E-01 | 2,159E-01  | 2,756E-01  | 5,967E-02 | 1,266E+04 | -1,075E+04 | 9,120E+03                        |
| 3                      | 1,436E+03   | 2,140E+03     | 0,000E+00   | 0,000E+00 | 0,000E+00  | 2,122E+05 | 3,644E+03 | 3,704E+03 | -5,960E-01 | -4,060E-01 | 2,756E-01  | 3,424E-01  | 6,680E-02 | 1,417E+04 | -1,417E+04 | 1,417E+04                        |
| 4                      | 2,140E+03   | 2,844E+03     | 2,711E+03   | 6,756E+06 | 1,684E+10  | 2,122E+05 | 3,644E+03 | 3,704E+03 | -4,060E-01 | -2,159E-01 | 3,424E-01  | 4,145E-01  | 7,214E-02 | 1,531E+04 | -1,260E+04 | 1,037E+04                        |
| 5                      | 2,844E+03   | 3,548E+03     | 3,261E+03   | 1,042E+07 | 3,331E+10  | 2,122E+05 | 3,644E+03 | 3,704E+03 | -2,159E-01 | -2,588E-02 | 4,145E-01  | 4,897E-01  | 7,515E-02 | 1,595E+04 | -1,269E+04 | 1,009E+04                        |
| 6                      | 3,548E+03   | 4,252E+03     | 4,102E+03   | 1,600E+07 | 6,239E+10  | 2,122E+05 | 3,644E+03 | 3,704E+03 | -2,588E-02 | 1,642E-01  | 4,897E-01  | 5,652E-01  | 7,552E-02 | 1,602E+04 | -1,192E+04 | 8,871E+03                        |
| 7                      | 4,252E+03   | 4,956E+03     | 4,268E+03   | 1,965E+07 | 9,047E+10  | 2,122E+05 | 3,644E+03 | 3,704E+03 | 1,642E-01  | 3,542E-01  | 5,652E-01  | 6,384E-01  | 7,321E-02 | 1,553E+04 | -1,127E+04 | 8,171E+03                        |
| 8                      | 4,956E+03   | 5,660E+03     | 1,041E+04   | 5,525E+07 | 2,932E+11  | 2,122E+05 | 3,644E+03 | 3,704E+03 | 3,542E-01  | 5,442E-01  | 6,384E-01  | 7,069E-01  | 7,069E-01 | 6,846E-02 | -4,118E+03 | 1,167E+03                        |
| 9                      | 5,660E+03   | 6,364E+03     | 1,169E+04   | 7,030E+07 | 4,227E+11  | 2,122E+05 | 3,644E+03 | 3,704E+03 | 5,442E-01  | 7,343E-01  | 7,069E-01  | 7,686E-01  | 6,175E-02 | 1,310E+04 | -1,409E+03 | 1,514E+02                        |
| 10                     | 6,364E+03   | 7,068E+03     | 1,355E+04   | 9,100E+07 | 6,111E+11  | 2,122E+05 | 3,644E+03 | 3,704E+03 | 7,343E-01  | 9,243E-01  | 7,686E-01  | 8,223E-01  | 5,373E-02 | 1,140E+04 | 2,148E+03  | 4,048E+02                        |
| 11                     | 7,068E+03   | 7,772E+03     | 1,528E+04   | 1,134E+08 | 8,413E+11  | 2,122E+05 | 3,644E+03 | 3,704E+03 | 9,243E-01  | 1,114E+00  | 8,223E-01  | 8,674E-01  | 4,510E-02 | 9,569E+03 | 5,712E+03  | 3,410E+03                        |
| 12                     | 7,772E+03   | 8,476E+03     | 7,968E+03   | 6,473E+07 | 5,259E+11  | 2,122E+05 | 3,644E+03 | 3,704E+03 | 1,114E+00  | 1,304E+00  | 8,674E-01  | 9,040E-01  | 3,651E-02 | 7,748E+03 | 2,320E+02  | 6,265E+00                        |
| 13                     | 8,476E+03   | 9,180E+03     | 8,953E+03   | 7,904E+07 | 6,977E+11  | 2,122E+05 | 3,644E+03 | 3,704E+03 | 1,304E+00  | 1,494E+00  | 9,040E-01  | 9,325E-01  | 2,852E-02 | 6,051E+03 | 2,902E+03  | 1,392E+03                        |
| 14                     | 9,180E+03   | 9,884E+03     | 9,339E+03   | 8,902E+07 | 8,485E+11  | 2,122E+05 | 3,644E+03 | 3,704E+03 | 1,494E+00  | 1,685E+00  | 9,325E-01  | 9,540E-01  | 2,149E-02 | 4,559E+03 | 4,780E+03  | 5,012E+03                        |
| 15                     | 9,884E+03   | 1,059E+04     | 0,000E+00   | 0,000E+00 | 0,000E+00  | 2,122E+05 | 3,644E+03 | 3,704E+03 | 1,685E+00  | 1,875E+00  | 9,540E-01  | 9,696E-01  | 1,561E-02 | 3,313E+03 | -3,313E+03 | 3,313E+03                        |
| 16                     | 1,059E+04   | 1,129E+04     | 1,060E+04   | 1,160E+08 | 1,269E+12  | 2,122E+05 | 3,644E+03 | 3,704E+03 | 1,875E+00  | 2,065E+00  | 9,696E-01  | ---        | 3,043E-02 | 6,456E+03 | 4,146E+03  | 2,662E+03                        |
| =====                  |             |               |             |           |            |           |           |           |            |            |            |            |           |           |            |                                  |
| 007 - numero_fluxos_IP |             |               |             |           |            |           |           |           |            |            |            |            |           |           |            |                                  |
| =====                  |             |               |             |           |            |           |           |           |            |            |            |            |           |           |            |                                  |
| Mínimo                 | 2,000E+00   |               |             |           |            |           |           |           |            |            |            |            |           |           |            |                                  |
| Máximo                 | 6,900E+01   |               |             |           |            |           |           |           |            |            |            |            |           |           |            |                                  |
| Amplitude              | 5,000E+00   |               |             |           |            |           |           |           |            |            |            |            |           |           |            |                                  |
| Análise                | S           |               |             |           |            |           |           |           |            |            |            |            |           |           |            |                                  |
| Soma SQL               | 1,062E+04   |               |             |           |            |           |           |           |            |            |            |            |           |           |            |                                  |
| Soma Linha (N)         | 1,062E+04   |               |             |           |            |           |           |           |            |            |            |            |           |           |            |                                  |
| Média amostral         | 1,617E+01   |               |             |           |            |           |           |           |            |            |            |            |           |           |            |                                  |
| Somatória fi * Pmi     | 1,717E+05   |               |             |           |            |           |           |           |            |            |            |            |           |           |            |                                  |
| Somatória fi * Pmi     | 4,418E+06   |               |             |           |            |           |           |           |            |            |            |            |           |           |            |                                  |
| Somatória fi * Pmi     | 1,617E+01   |               |             |           |            |           |           |           |            |            |            |            |           |           |            | Valor para teste de qui-quadrado |
| Desvio padrão amos     | 1,243E+01   |               |             |           |            |           |           |           |            |            |            |            |           |           |            | 2,106E+04                        |
| =====                  |             |               |             |           |            |           |           |           |            |            |            |            |           |           |            |                                  |
| Num                    | De (aberto) | Até (fechado) | Ocorrências | Fi * Pmi  | Fi * Pmi^2 | N         | Média     | Desvio    | z lim.inf. | z lim.sup. | Norm.z inf | Norm.z sup | Prob      | Esperado  | Obs - Esp  | (O - e)^2/e                      |
| 1                      | 0,000E+00   | 6,000E+00     | 2,442E+03   | 7,326E+03 | 2,198E+04  | 1,062E+04 | 1,617E+01 | 1,243E+01 | -1,300E+00 | -8,179E-01 | ---        | 2,067E-01  | 2,067E-01 | 2,195E+03 | 2,468E+02  | 2,774E+01                        |
| 2                      | 6,000E+00   | 1,100E+01     | 1,808E+03   | 1,537E+04 | 1,306E+05  | 1,062E+04 | 1,617E+01 | 1,243E+01 | -8,179E-01 | -4,157E-01 | 2,067E-01  | 3,388E-01  | 1,321E-01 | 1,403E+03 | 4,052E+02  | 1,170E+02                        |
| 3                      | 1,100E+01   | 1,600E+01     | 1,501E+03   | 2,026E+04 | 2,736E+05  | 1,062E+04 | 1,617E+01 | 1,243E+01 | -4,157E-01 | -1,359E-02 | 3,388E-01  | 4,946E-01  | 1,558E-01 | 1,654E+03 | -1,534E+02 | 1,422E+01                        |
| 4                      | 1,600E+01   | 2,100E+01     | 2,257E+03   | 4,175E+04 | 7,725E+05  | 1,062E+04 | 1,617E+01 | 1,243E+01 | -1,359E-02 | 3,886E-01  | 4,946E-01  | 6,512E-01  | 1,566E-01 | 1,663E+03 | 5,937E+02  | 2,119E+02                        |
| 5                      | 2,100E+01   | 2,600E+01     | 9,650E+02   | 2,268E+04 | 5,329E+05  | 1,062E+04 | 1,617E+01 | 1,243E+01 | 3,886E-01  | 7,907E-01  | 6,512E-01  | 7,854E-01  | 1,342E-01 | 1,426E+03 | -4,607E+02 | 1,489E+02                        |
| 6                      | 2,600E+01   | 3,100E+01     | 3,170E+02   | 9,035E+03 | 2,575E+05  | 1,062E+04 | 1,617E+01 | 1,243E+01 | 7,907E-01  | 1,193E+00  | 7,854E-01  | 8,835E-01  | 9,809E-02 | 1,042E+03 | -7,248E+02 | 5,042E+02                        |
| 7                      | 3,100E+01   | 3,600E+01     | 5,460E+02   | 1,829E+04 | 6,127E+05  | 1,062E+04 | 1,617E+01 | 1,243E+01 | 1,193E+00  | 1,595E+00  | 8,835E-01  | 9,446E-01  | 6,111E-02 | 6,489E+02 | -1,029E+02 | 1,633E+01                        |
| 8                      | 3,600E+01   | 4,100E+01     | 2,720E+02   | 1,047E+04 | 4,032E+05  | 1,062E+04 | 1,617E+01 | 1,243E+01 | 1,595E+00  | 1,997E+00  | 9,446E-01  | 9,771E-01  | 3,245E-02 | 3,446E+02 | -7,261E+01 | 1,530E+01                        |
| 9                      | 4,100E+01   | 4,600E+01     | 1,790E+02   | 7,787E+03 | 3,387E+05  | 1,062E+04 | 1,617E+01 | 1,243E+01 | 1,997E+00  | 2,399E+00  | 9,771E-01  | 9,918E-01  | 1,469E-02 | 1,560E+02 | 2,300E+01  | 3,390E+00                        |
| 10                     | 4,600E+01   | 5,100E+01     | 1,430E+02   | 6,936E+03 | 3,364E+05  | 1,062E+04 | 1,617E+01 | 1,243E+01 | 2,399E+00  | 2,802E+00  | 9,918E-01  | 9,975E-01  | 5,669E-03 | 6,020E+01 | 8,280E+01  | 1,139E+02                        |
| 11                     | 5,100E+01   | 5,600E+01     | 0,000E+00   | 0,000E+00 | 0,000E+00  | 1,062E+04 | 1,617E+01 | 1,243E+01 | 2,802E+00  | 3,204E+00  | 9,975E-01  | 9,993E-01  | 1,865E-03 | 1,980E+01 | -1,980E+01 | 1,980E+01                        |
| 12                     | 5,600E+01   | 6,100E+01     | 1,210E+02   | 7,079E+03 | 4,141E+05  | 1,062E+04 | 1,617E+01 | 1,243E+01 | 3,204E+00  | 3,606E+00  | 9,993E-01  | 9,998E-01  | 5,229E-04 | 5,553E+00 | -1,154E+02 | 2,400E+03                        |
| 13                     | 6,100E+01   | 6,600E+01     | 0,000E+00   | 0,000E+00 | 0,000E+00  | 1,062E+04 | 1,617E+01 | 1,243E+01 | 3,606E+00  | 4,008E+00  | 9,998E-01  | 1,000E+00  | 1,250E-04 | 1,327E+00 | -1,327E+00 | 1,327E+00                        |
| 14                     | 6,600E+01   | 7,100E+01     | 6,900E+01   | 4,727E+03 | 3,238E+05  | 1,062E+04 | 1,617E+01 | 1,243E+01 | 4,008E+00  | 4,410E+00  | 1,000E+00  | 1,000E+00  | 2,546E-05 | 2,704E-01 | 6,873E+01  | 1,747E+04                        |
| 15                     | 7,100E+01   | 7,600E+01     | 0,000E+00   | 0,000E+00 | 0,000E+00  | 1,062E+04 | 1,617E+01 | 1,243E+01 | 4,410E+00  | 4,812E+00  | 1,000E+00  | 1,000E+00  | 4,422E-06 | 4,696E-02 | -4,696E-02 | 4,696E-02                        |
| 16                     | 7,600E+01   | 8,100E+01     | 0,000E+00   | 0,000E+00 | 0,000E+00  | 1,062E+04 | 1,617E+01 | 1,243E+01 | 4,812E+00  | 5,214E+00  | 1,000E+00  | ---        | 7,469E-07 | 7,933E-03 | -7,933E-03 | 7,933E-03                        |
| =====                  |             |               |             |           |            |           |           |           |            |            |            |            |           |           |            |                                  |

| 008 - numero_bytes_IP_fd |             |               |             |           |            |           |           |           |            |            |            |            |           |           |            |                                  |           |
|--------------------------|-------------|---------------|-------------|-----------|------------|-----------|-----------|-----------|------------|------------|------------|------------|-----------|-----------|------------|----------------------------------|-----------|
| Mínimo                   | 2,470E+02   |               |             |           |            |           |           |           |            |            |            |            |           |           |            |                                  |           |
| Máximo                   | 6,812E+06   |               |             |           |            |           |           |           |            |            |            |            |           |           |            |                                  |           |
| Amplitude                | 4,541E+05   |               |             |           |            |           |           |           |            |            |            |            |           |           |            |                                  |           |
| Análise                  | S           |               |             |           |            |           |           |           |            |            |            |            |           |           |            |                                  |           |
| Soma SQL                 | 2,574E+07   |               |             |           |            |           |           |           |            |            |            |            |           |           |            |                                  |           |
| Soma Linha (N)           | 2,574E+07   |               |             |           |            |           |           |           |            |            |            |            |           |           |            |                                  |           |
| Média amostral           | 3,496E+06   |               |             |           |            |           |           |           |            |            |            |            |           |           |            |                                  |           |
| Somatória fi * Pmi       | 9,001E+13   |               |             |           |            |           |           |           |            |            |            |            |           |           |            |                                  |           |
| Somatória fi * Pmi       | 4,901E+20   |               |             |           |            |           |           |           |            |            |            |            |           |           |            |                                  |           |
| Somatória fi * Pmi       | 3,496E+06   |               |             |           |            |           |           |           |            |            |            |            |           |           |            |                                  |           |
| Desvio padrão amos       | 2,610E+06   |               |             |           |            |           |           |           |            |            |            |            |           |           |            |                                  |           |
|                          |             |               |             |           |            |           |           |           |            |            |            |            |           |           |            | Valor para teste de qui-quadrado |           |
|                          |             |               |             |           |            |           |           |           |            |            |            |            |           |           |            | 3,213E+07                        |           |
| 009 - numero_bytes_IP_df |             |               |             |           |            |           |           |           |            |            |            |            |           |           |            |                                  |           |
| Mínimo                   | 0,000E+00   |               |             |           |            |           |           |           |            |            |            |            |           |           |            |                                  |           |
| Máximo                   | 5,349E+06   |               |             |           |            |           |           |           |            |            |            |            |           |           |            |                                  |           |
| Amplitude                | 3,566E+05   |               |             |           |            |           |           |           |            |            |            |            |           |           |            |                                  |           |
| Análise                  | S           |               |             |           |            |           |           |           |            |            |            |            |           |           |            |                                  |           |
| Soma SQL                 | 4,653E+07   |               |             |           |            |           |           |           |            |            |            |            |           |           |            |                                  |           |
| Soma Linha (N)           | 4,653E+07   |               |             |           |            |           |           |           |            |            |            |            |           |           |            |                                  |           |
| Média amostral           | 3,288E+06   |               |             |           |            |           |           |           |            |            |            |            |           |           |            |                                  |           |
| Somatória fi * Pmi       | 1,530E+14   |               |             |           |            |           |           |           |            |            |            |            |           |           |            |                                  |           |
| Somatória fi * Pmi       | 5,791E+20   |               |             |           |            |           |           |           |            |            |            |            |           |           |            |                                  |           |
| Somatória fi * Pmi       | 3,288E+06   |               |             |           |            |           |           |           |            |            |            |            |           |           |            |                                  |           |
| Desvio padrão amos       | 1,279E+06   |               |             |           |            |           |           |           |            |            |            |            |           |           |            |                                  |           |
|                          |             |               |             |           |            |           |           |           |            |            |            |            |           |           |            | Valor para teste de qui-quadrado |           |
|                          |             |               |             |           |            |           |           |           |            |            |            |            |           |           |            | 4,140E+07                        |           |
| Num                      | De (aberto) | Até (fechado) | Ocorrências | Fi * Pmi  | Fi * Pmi^2 | N         | Média     | Desvio    | z lim.inf. | z lim.sup. | Norm.z inf | Norm.z sup | Prob      | Esperado  | Obs - Esp  | (O - e)^2/e                      |           |
| 1                        | 0,000E+00   | 4,542E+05     | 7,216E+06   | 1,639E+12 | 3,722E+17  | 2,574E+07 | 3,496E+06 | 2,610E+06 | -1,340E+00 | -1,166E+00 | ---        | 1,219E-01  | 1,219E-01 | 3,138E+06 | 4,078E+06  | 5,299E+06                        |           |
| 2                        | 4,542E+05   | 9,083E+05     | 0,000E+00   | 0,000E+00 | 0,000E+00  | 2,574E+07 | 3,496E+06 | 2,610E+06 | -1,166E+00 | -9,916E-01 | 1,219E-01  | 1,607E-01  | 3,880E-02 | 9,990E+05 | -9,990E+05 | 9,990E+05                        |           |
| 3                        | 9,083E+05   | 1,362E+06     | 1,276E+06   | 1,449E+12 | 1,645E+18  | 2,574E+07 | 3,496E+06 | 2,610E+06 | -9,916E-01 | -8,176E-01 | 1,607E-01  | 2,068E-01  | 2,068E-01 | 4,609E-02 | 8,980E+04  | 6,796E+03                        |           |
| 4                        | 1,362E+06   | 1,816E+06     | 0,000E+00   | 0,000E+00 | 0,000E+00  | 2,574E+07 | 3,496E+06 | 2,610E+06 | -8,176E-01 | -6,437E-01 | 2,068E-01  | 2,599E-01  | 5,312E-02 | 1,368E+06 | -1,368E+06 | 1,368E+06                        |           |
| 5                        | 1,816E+06   | 2,271E+06     | 0,000E+00   | 0,000E+00 | 0,000E+00  | 2,574E+07 | 3,496E+06 | 2,610E+06 | -6,437E-01 | -4,697E-01 | 2,599E-01  | 3,193E-01  | 3,193E-01 | 5,940E-02 | 1,529E+06  | 1,529E+06                        |           |
| 6                        | 2,271E+06   | 2,725E+06     | 2,361E+06   | 5,897E+12 | 1,473E+19  | 2,574E+07 | 3,496E+06 | 2,610E+06 | -4,697E-01 | -2,957E-01 | 3,193E-01  | 3,837E-01  | 3,837E-01 | 6,444E-02 | 1,659E+06  | 7,020E+05                        | 2,970E+05 |
| 7                        | 2,725E+06   | 3,179E+06     | 0,000E+00   | 0,000E+00 | 0,000E+00  | 2,574E+07 | 3,496E+06 | 2,610E+06 | -2,957E-01 | -1,217E-01 | 3,837E-01  | 4,516E-01  | 4,516E-01 | 6,783E-02 | 1,746E+06  | -1,746E+06                       | 1,746E+06 |
| 8                        | 3,179E+06   | 3,633E+06     | 0,000E+00   | 0,000E+00 | 0,000E+00  | 2,574E+07 | 3,496E+06 | 2,610E+06 | -1,217E-01 | 5,229E-02  | 4,516E-01  | 5,209E-01  | 5,209E-01 | 6,928E-02 | 1,784E+06  | -1,784E+06                       | 1,784E+06 |
| 9                        | 3,633E+06   | 4,087E+06     | 3,903E+06   | 1,506E+13 | 5,814E+19  | 2,574E+07 | 3,496E+06 | 2,610E+06 | 5,229E-02  | 2,263E-01  | 5,209E-01  | 5,895E-01  | 5,895E-01 | 6,866E-02 | 1,768E+06  | 2,135E+06                        | 2,579E+06 |
| 10                       | 4,087E+06   | 4,541E+06     | 4,177E+06   | 1,802E+13 | 7,774E+19  | 2,574E+07 | 3,496E+06 | 2,610E+06 | 2,263E-01  | 4,003E-01  | 5,895E-01  | 6,555E-01  | 6,555E-01 | 6,601E-02 | 1,699E+06  | 2,478E+06                        | 3,613E+06 |
| 11                       | 4,541E+06   | 4,995E+06     | 0,000E+00   | 0,000E+00 | 0,000E+00  | 2,574E+07 | 3,496E+06 | 2,610E+06 | 4,003E-01  | 5,743E-01  | 6,555E-01  | 7,171E-01  | 7,171E-01 | 6,158E-02 | 1,585E+06  | -1,585E+06                       | 1,585E+06 |
| 12                       | 4,995E+06   | 5,449E+06     | 0,000E+00   | 0,000E+00 | 0,000E+00  | 2,574E+07 | 3,496E+06 | 2,610E+06 | 5,743E-01  | 7,482E-01  | 7,171E-01  | 7,728E-01  | 7,728E-01 | 5,574E-02 | 1,435E+06  | -1,435E+06                       | 1,435E+06 |
| 13                       | 5,449E+06   | 5,903E+06     | 0,000E+00   | 0,000E+00 | 0,000E+00  | 2,574E+07 | 3,496E+06 | 2,610E+06 | 7,482E-01  | 9,222E-01  | 7,728E-01  | 8,218E-01  | 8,218E-01 | 4,895E-02 | 1,260E+06  | -1,260E+06                       | 1,260E+06 |
| 14                       | 5,903E+06   | 6,357E+06     | 0,000E+00   | 0,000E+00 | 0,000E+00  | 2,574E+07 | 3,496E+06 | 2,610E+06 | 9,222E-01  | 1,096E+00  | 8,218E-01  | 8,635E-01  | 8,635E-01 | 4,171E-02 | 1,074E+06  | -1,074E+06                       | 1,074E+06 |
| 15                       | 6,357E+06   | 6,811E+06     | 0,000E+00   | 0,000E+00 | 0,000E+00  | 2,574E+07 | 3,496E+06 | 2,610E+06 | 1,096E+00  | 1,270E+00  | 8,635E-01  | 8,980E-01  | 8,980E-01 | 3,449E-02 | 8,878E+05  | -8,878E+05                       | 8,878E+05 |
| 16                       | 6,811E+06   | 7,266E+06     | 6,812E+06   | 4,794E+13 | 3,374E+20  | 2,574E+07 | 3,496E+06 | 2,610E+06 | 1,270E+00  | 1,444E+00  | 8,980E-01  | ---        | 1,020E-01 | 2,626E+06 | 4,185E+06  | 6,670E+06                        |           |
| Num                      | De (aberto) | Até (fechado) | Ocorrências | Fi * Pmi  | Fi * Pmi^2 | N         | Média     | Desvio    | z lim.inf. | z lim.sup. | Norm.z inf | Norm.z sup | Prob      | Esperado  | Obs - Esp  | (O - e)^2/e                      |           |
| 1                        | 0,000E+00   | 3,566E+05     | 2,703E+06   | 4,820E+11 | 8,594E+16  | 4,653E+07 | 3,288E+06 | 1,279E+06 | -2,570E+00 | -2,291E+00 | ---        | 1,097E-02  | 1,097E-02 | 5,106E+05 | 2,193E+06  | 9,418E+06                        |           |
| 2                        | 3,566E+05   | 7,132E+05     | 1,118E+06   | 5,978E+11 | 3,197E+17  | 4,653E+07 | 3,288E+06 | 1,279E+06 | -2,291E+00 | -2,013E+00 | 1,097E-02  | 2,208E-02  | 2,208E-02 | 1,111E-02 | 5,168E+05  | 6,008E+05                        | 6,983E+05 |
| 3                        | 7,132E+05   | 1,070E+06     | 0,000E+00   | 0,000E+00 | 0,000E+00  | 4,653E+07 | 3,288E+06 | 1,279E+06 | -2,013E+00 | -1,734E+00 | 2,208E-02  | 4,148E-02  | 4,148E-02 | 1,940E-02 | 9,024E+05  | -9,024E+05                       | 9,024E+05 |
| 4                        | 1,070E+06   | 1,426E+06     | 0,000E+00   | 0,000E+00 | 0,000E+00  | 4,653E+07 | 3,288E+06 | 1,279E+06 | -1,734E+00 | -1,455E+00 | 4,148E-02  | 7,283E-02  | 7,283E-02 | 3,135E-02 | 1,459E+06  | -1,459E+06                       | 1,459E+06 |
| 5                        | 1,426E+06   | 1,783E+06     | 1,671E+06   | 2,681E+12 | 4,302E+18  | 4,653E+07 | 3,288E+06 | 1,279E+06 | -1,455E+00 | -1,176E+00 | 7,283E-02  | 1,197E-01  | 1,197E-01 | 4,691E-02 | 2,182E+06  | -5,117E+05                       | 1,200E+05 |
| 6                        | 1,783E+06   | 2,140E+06     | 2,136E+06   | 4,190E+12 | 8,217E+18  | 4,653E+07 | 3,288E+06 | 1,279E+06 | -1,176E+00 | -8,976E-01 | 1,197E-01  | 1,847E-01  | 1,847E-01 | 6,497E-02 | 3,023E+06  | -8,865E+05                       | 2,600E+05 |
| 7                        | 2,140E+06   | 2,496E+06     | 0,000E+00   | 0,000E+00 | 0,000E+00  | 4,653E+07 | 3,288E+06 | 1,279E+06 | -8,976E-01 | -6,188E-01 | 1,847E-01  | 2,680E-01  | 2,680E-01 | 8,331E-02 | 3,876E+06  | -3,876E+06                       | 3,876E+06 |
| 8                        | 2,496E+06   | 2,853E+06     | 5,124E+06   | 1,370E+13 | 3,665E+19  | 4,653E+07 | 3,288E+06 | 1,279E+06 | -6,188E-01 | -3,401E-01 | 2,680E-01  | 3,669E-01  | 3,669E-01 | 9,888E-02 | 4,600E+06  | 5,231E+05                        | 5,949E+04 |
| 9                        | 2,853E+06   | 3,209E+06     | 8,961E+06   | 2,716E+13 | 8,233E+19  | 4,653E+07 | 3,288E+06 | 1,279E+06 | -3,401E-01 | -6,136E-02 | 3,669E-01  | 4,755E-01  | 4,755E-01 | 1,086E-01 | 5,055E+06  | 3,907E+06                        | 3,019E+06 |
| 10                       | 3,209E+06   | 3,566E+06     | 6,926E+06   | 2,346E+13 | 7,949E+19  | 4,653E+07 | 3,288E+06 | 1,279E+06 | -6,136E-02 | 2,174E-01  | 4,755E-01  | 5,860E-01  | 5,860E-01 | 1,105E-01 | 5,141E+06  | 1,785E+06                        | 6,197E+05 |
| 11                       | 3,566E+06   | 3,923E+06     | 0,000E+00   | 0,000E+00 | 0,000E+00  | 4,653E+07 | 3,288E+06 | 1,279E+06 | 2,174E-01  | 4,961E-01  | 5,860E-01  | 6,901E-01  | 6,901E-01 | 1,041E-01 | 4,841E+06  | -4,841E+06                       | 4,841E+06 |
| 12                       | 3,923E+06   | 4,279E+06     | 7,999E+06   | 3,280E+13 | 1,345E+20  | 4,653E+07 | 3,288E+06 | 1,279E+06 | 4,961E-01  | 7,749E-01  | 6,901E-01  | 7,808E-01  | 7,808E-01 | 9,069E-02 | 4,220E+06  | 3,780E+06                        | 3,866E+06 |
| 13                       | 4,279E+06   | 4,636E+06     | 4,538E+06   | 2,023E+13 | 9,017E+19  | 4,653E+07 | 3,288E+06 | 1,279E+06 | 7,749E-01  | 1,054E+00  | 7,808E-01  | 8,540E-01  | 8,540E-01 | 7,318E-02 | 3,405E+06  | 1,134E+06                        | 3,775E+05 |
| 14                       | 4,636E+06   | 4,992E+06     | 0,000E+00   | 0,000E+00 | 0,000E+00  | 4,653E+07 | 3,288E+06 | 1,279E+06 | 1,054E+00  | 1,332E+00  | 8,540E-01  | 9,086E-01  | 9,086E-01 | 5,466E-02 | 2,543E+06  | -2,543E+06                       | 2,543E+06 |
| 15                       | 4,992E+06   | 5,349E+06     | 5,349E+06   | 2,766E+13 | 1,430E+20  | 4,653E+07 | 3,288E+06 | 1,279E+06 | 1,332E+00  | 1,611E+00  | 9,086E-01  | 9,464E-01  | 9,464E-01 | 3,779E-02 | 1,753E+06  | 3,590E+06                        | 7,332E+06 |
| 16                       | 5,349E+06   | 5,705E+06     | 0,000E+00   | 0,000E+00 | 0,000E+00  | 4,653E+07 | 3,288E+06 | 1,279E+06 | 1,611E+00  | 1,890E+00  | 9,464E-01  | ---        | 5,358E-02 | 2,493E+06 | -2,493E+06 | 2,493E+06                        |           |



| 012 - numero_fluxos_NIP |             |               |             |           |            |           |           |           |            |            |            |            |           |           |            |                                  |
|-------------------------|-------------|---------------|-------------|-----------|------------|-----------|-----------|-----------|------------|------------|------------|------------|-----------|-----------|------------|----------------------------------|
| Mínimo                  | 5,000E+00   |               |             |           |            |           |           |           |            |            |            |            |           |           |            |                                  |
| Máximo                  | 1,100E+01   |               |             |           |            |           |           |           |            |            |            |            |           |           |            |                                  |
| Amplitude               | 1,000E+00   |               |             |           |            |           |           |           |            |            |            |            |           |           |            |                                  |
| Analise                 | S           |               |             |           |            |           |           |           |            |            |            |            |           |           |            |                                  |
| Soma SQL                | 6,152E+03   |               |             |           |            |           |           |           |            |            |            |            |           |           |            |                                  |
| Soma Linha (N)          | 6,152E+03   |               |             |           |            |           |           |           |            |            |            |            |           |           |            |                                  |
| Média amostral          | 6,847E+00   |               |             |           |            |           |           |           |            |            |            |            |           |           |            |                                  |
| Somatória fi * Pmi      | 4,212E+04   |               |             |           |            |           |           |           |            |            |            |            |           |           |            | Prejudicada                      |
| Somatória fi * Pmi      | 2,994E+05   |               |             |           |            |           |           |           |            |            |            |            |           |           |            |                                  |
| Somatória fi * Pmi      | 6,847E+00   |               |             |           |            |           |           |           |            |            |            |            |           |           |            | Valor para teste de qui-quadrado |
| Desvio padrão amos      | 1,332E+00   |               |             |           |            |           |           |           |            |            |            |            |           |           |            | 3,536E+03                        |
| Num                     | De (aberto) | Até (fechado) | Ocorrências | Fi * Pmi  | Fi * Pmi^2 | N         | Média     | Desvio    | z lim.inf. | z lim.sup. | Norm.z inf | Norm.z sup | Prob      | Esperado  | Obs - Esp  | (O - e)^2/e                      |
| 1                       | 0,000E+00   | 4,000E+00     | 0,000E+00   | 0,000E+00 | 0,000E+00  | 6,152E+03 | 6,847E+00 | 1,332E+00 | -5,139E+00 | -2,137E+00 | ---        | 1,630E-02  | 1,630E-02 | 1,003E+02 | -1,003E+02 | 1,003E+02                        |
| 2                       | 4,000E+00   | 5,000E+00     | 0,000E+00   | 0,000E+00 | 0,000E+00  | 6,152E+03 | 6,847E+00 | 1,332E+00 | -2,137E+00 | -1,386E+00 | 1,630E-02  | 8,280E-02  | 6,651E-02 | 4,091E+02 | -4,091E+02 | 4,091E+02                        |
| 3                       | 5,000E+00   | 6,000E+00     | 2,590E+03   | 1,425E+04 | 7,835E+04  | 6,152E+03 | 6,847E+00 | 1,332E+00 | -3,386E+00 | -6,359E-01 | 8,280E-02  | 2,624E-01  | 1,796E-01 | 1,105E+03 | 1,485E+03  | 1,996E+03                        |
| 4                       | 6,000E+00   | 7,000E+00     | 5,460E+02   | 3,549E+03 | 2,307E+04  | 6,152E+03 | 6,847E+00 | 1,332E+00 | -6,359E-01 | 1,147E-01  | 2,624E-01  | 5,457E-01  | 2,832E-01 | 1,742E+03 | -1,196E+03 | 8,215E+02                        |
| 5                       | 7,000E+00   | 8,000E+00     | 1,645E+03   | 1,234E+04 | 9,253E+04  | 6,152E+03 | 6,847E+00 | 1,332E+00 | 1,147E-01  | 8,653E-01  | 5,457E-01  | 8,066E-01  | 2,609E-01 | 1,605E+03 | 3,995E+01  | 9,942E-01                        |
| 6                       | 8,000E+00   | 9,000E+00     | 1,144E+03   | 9,724E+03 | 8,265E+04  | 6,152E+03 | 6,847E+00 | 1,332E+00 | 8,653E-01  | 1,616E+00  | 8,066E-01  | 9,469E-01  | 1,404E-01 | 8,636E+02 | 2,804E+02  | 9,101E+01                        |
| 7                       | 9,000E+00   | 1,000E+01     | 1,260E+02   | 1,197E+03 | 1,137E+04  | 6,152E+03 | 6,847E+00 | 1,332E+00 | 1,616E+00  | 2,366E+00  | 9,469E-01  | 9,910E-01  | 4,408E-02 | 2,712E+02 | -1,452E+02 | 7,775E+01                        |
| 8                       | 1,000E+01   | 1,100E+01     | 9,000E+01   | 9,450E+02 | 9,923E+03  | 6,152E+03 | 6,847E+00 | 1,332E+00 | 2,366E+00  | 3,117E+00  | 9,910E-01  | 9,991E-01  | 8,067E-03 | 4,963E+01 | 4,037E+01  | 3,284E+01                        |
| 9                       | 1,100E+01   | 1,200E+01     | 1,100E+01   | 1,265E+02 | 1,455E+03  | 6,152E+03 | 6,847E+00 | 1,332E+00 | 3,117E+00  | 3,868E+00  | 9,991E-01  | 9,999E-01  | 8,586E-04 | 5,282E+00 | 5,718E+00  | 6,189E+00                        |
| 10                      | 1,200E+01   | 1,300E+01     | 0,000E+00   | 0,000E+00 | 0,000E+00  | 6,152E+03 | 6,847E+00 | 1,332E+00 | 3,868E+00  | 4,618E+00  | 9,999E-01  | 1,000E+00  | 5,305E-05 | 3,264E-01 | -3,264E-01 | 3,264E-01                        |
| 11                      | 1,300E+01   | 1,400E+01     | 0,000E+00   | 0,000E+00 | 0,000E+00  | 6,152E+03 | 6,847E+00 | 1,332E+00 | 4,618E+00  | 5,369E+00  | 1,000E+00  | 1,000E+00  | 1,898E-06 | 1,168E-02 | -1,168E-02 | 1,168E-02                        |
| 12                      | 1,400E+01   | 1,500E+01     | 0,000E+00   | 0,000E+00 | 0,000E+00  | 6,152E+03 | 6,847E+00 | 1,332E+00 | 5,369E+00  | 6,119E+00  | 1,000E+00  | 1,000E+00  | 3,927E-08 | 2,416E-04 | -2,416E-04 | 2,416E-04                        |
| 13                      | 1,500E+01   | 1,600E+01     | 0,000E+00   | 0,000E+00 | 0,000E+00  | 6,152E+03 | 6,847E+00 | 1,332E+00 | 6,119E+00  | 6,870E+00  | 1,000E+00  | 1,000E+00  | 4,686E-10 | 2,883E-06 | -2,883E-06 | 2,883E-06                        |
| 14                      | 1,600E+01   | 1,700E+01     | 0,000E+00   | 0,000E+00 | 0,000E+00  | 6,152E+03 | 6,847E+00 | 1,332E+00 | 6,870E+00  | 7,620E+00  | 1,000E+00  | 1,000E+00  | 3,220E-12 | 1,981E-08 | -1,981E-08 | 1,981E-08                        |
| 15                      | 1,700E+01   | 1,800E+01     | 0,000E+00   | 0,000E+00 | 0,000E+00  | 6,152E+03 | 6,847E+00 | 1,332E+00 | 7,620E+00  | 8,371E+00  | 1,000E+00  | 1,000E+00  | 1,277E-14 | 7,855E-11 | -7,855E-11 | 7,855E-11                        |
| 16                      | 1,800E+01   | 1,900E+01     | 0,000E+00   | 0,000E+00 | 0,000E+00  | 6,152E+03 | 6,847E+00 | 1,332E+00 | 8,371E+00  | 9,122E+00  | 1,000E+00  | ---        | 0,000E+00 | 0,000E+00 | 0,000E+00  | ---                              |
| 013 - numero_fluxos_II  |             |               |             |           |            |           |           |           |            |            |            |            |           |           |            |                                  |
| Mínimo                  | 2,000E+00   |               |             |           |            |           |           |           |            |            |            |            |           |           |            |                                  |
| Máximo                  | 6,100E+01   |               |             |           |            |           |           |           |            |            |            |            |           |           |            |                                  |
| Amplitude               | 4,000E+00   |               |             |           |            |           |           |           |            |            |            |            |           |           |            |                                  |
| Analise                 | S           |               |             |           |            |           |           |           |            |            |            |            |           |           |            |                                  |
| Soma SQL                | 1,032E+04   |               |             |           |            |           |           |           |            |            |            |            |           |           |            |                                  |
| Soma Linha (N)          | 1,032E+04   |               |             |           |            |           |           |           |            |            |            |            |           |           |            |                                  |
| Média amostral          | 1,562E+01   |               |             |           |            |           |           |           |            |            |            |            |           |           |            |                                  |
| Somatória fi * Pmi      | 1,612E+05   |               |             |           |            |           |           |           |            |            |            |            |           |           |            |                                  |
| Somatória fi * Pmi      | 3,891E+06   |               |             |           |            |           |           |           |            |            |            |            |           |           |            |                                  |
| Somatória fi * Pmi      | 1,562E+01   |               |             |           |            |           |           |           |            |            |            |            |           |           |            | Valor para teste de qui-quadrado |
| Desvio padrão amos      | 1,153E+01   |               |             |           |            |           |           |           |            |            |            |            |           |           |            | 2,755E+04                        |
| Num                     | De (aberto) | Até (fechado) | Ocorrências | Fi * Pmi  | Fi * Pmi^2 | N         | Média     | Desvio    | z lim.inf. | z lim.sup. | Norm.z inf | Norm.z sup | Prob      | Esperado  | Obs - Esp  | (O - e)^2/e                      |
| 1                       | 0,000E+00   | 5,000E+00     | 1,473E+03   | 3,683E+03 | 9,206E+03  | 1,032E+04 | 1,562E+01 | 1,153E+01 | -1,355E+00 | -9,212E-01 | ---        | 1,785E-01  | 1,785E-01 | 1,842E+03 | -3,691E+02 | 7,397E+01                        |
| 2                       | 5,000E+00   | 9,000E+00     | 2,404E+03   | 1,683E+04 | 1,178E+05  | 1,032E+04 | 1,562E+01 | 1,153E+01 | -9,212E-01 | -5,743E-01 | 1,785E-01  | 2,829E-01  | 1,044E-01 | 1,078E+03 | 1,326E+03  | 1,632E+03                        |
| 3                       | 9,000E+00   | 1,300E+01     | 8,820E+02   | 9,702E+03 | 1,067E+05  | 1,032E+04 | 1,562E+01 | 1,153E+01 | -5,743E-01 | -2,273E-01 | 2,829E-01  | 4,101E-01  | 1,272E-01 | 1,313E+03 | -4,309E+02 | 1,414E+02                        |
| 4                       | 1,300E+01   | 1,700E+01     | 1,432E+03   | 2,148E+04 | 3,222E+05  | 1,032E+04 | 1,562E+01 | 1,153E+01 | -2,273E-01 | 1,196E-01  | 4,101E-01  | 5,476E-01  | 1,375E-01 | 1,419E+03 | 1,252E+01  | 1,104E-01                        |
| 5                       | 1,700E+01   | 2,100E+01     | 1,747E+03   | 3,319E+04 | 6,307E+05  | 1,032E+04 | 1,562E+01 | 1,153E+01 | 1,196E-01  | 4,665E-01  | 5,476E-01  | 6,796E-01  | 1,320E-01 | 1,362E+03 | 3,846E+02  | 1,086E+02                        |
| 6                       | 2,100E+01   | 2,500E+01     | 9,070E+02   | 2,086E+04 | 4,798E+05  | 1,032E+04 | 1,562E+01 | 1,153E+01 | 4,665E-01  | 8,135E-01  | 6,796E-01  | 7,920E-01  | 1,124E-01 | 1,161E+03 | -2,536E+02 | 5,543E+01                        |
| 7                       | 2,500E+01   | 2,900E+01     | 8,154E+03   | 2,202E+05 | 1,032E+04  | 1,562E+01 | 1,153E+01 | 1,153E+01 | 8,135E-01  | 1,160E+00  | 7,920E-01  | 8,771E-01  | 8,503E-02 | 8,777E+02 | -5,757E+02 | 3,776E+02                        |
| 8                       | 2,900E+01   | 3,300E+01     | 2,550E+02   | 7,905E+03 | 2,451E+05  | 1,032E+04 | 1,562E+01 | 1,153E+01 | 1,160E+00  | 1,507E+00  | 8,771E-01  | 9,341E-01  | 5,708E-02 | 5,892E+02 | -3,342E+02 | 1,895E+02                        |
| 9                       | 3,300E+01   | 3,700E+01     | 2,820E+02   | 9,870E+03 | 3,455E+05  | 1,032E+04 | 1,562E+01 | 1,153E+01 | 1,507E+00  | 1,854E+00  | 9,341E-01  | 9,682E-01  | 3,401E-02 | 3,511E+02 | -6,907E+01 | 1,359E+01                        |
| 10                      | 3,700E+01   | 4,100E+01     | 2,360E+02   | 9,204E+03 | 3,590E+05  | 1,032E+04 | 1,562E+01 | 1,153E+01 | 1,854E+00  | 2,201E+00  | 9,682E-01  | 9,861E-01  | 1,799E-02 | 1,857E+02 | 5,032E+01  | 1,364E+01                        |
| 11                      | 4,100E+01   | 4,500E+01     | 1,730E+02   | 7,439E+03 | 3,199E+05  | 1,032E+04 | 1,562E+01 | 1,153E+01 | 2,201E+00  | 2,548E+00  | 9,861E-01  | 9,946E-01  | 8,445E-03 | 8,717E+01 | 8,583E+01  | 8,451E+01                        |
| 12                      | 4,500E+01   | 4,900E+01     | 4,900E+01   | 2,303E+03 | 1,082E+05  | 1,032E+04 | 1,562E+01 | 1,153E+01 | 2,548E+00  | 2,895E+00  | 9,946E-01  | 9,981E-01  | 3,519E-03 | 3,633E+01 | 1,787E+02  | 4,422E+00                        |
| 13                      | 4,900E+01   | 5,300E+01     | 0,000E+00   | 0,000E+00 | 0,000E+00  | 1,032E+04 | 1,562E+01 | 1,153E+01 | 2,895E+00  | 3,242E+00  | 9,981E-01  | 9,994E-01  | 1,302E-03 | 1,344E+01 | -1,344E+01 | 1,344E+01                        |
| 14                      | 5,300E+01   | 5,700E+01     | 0,000E+00   | 0,000E+00 | 0,000E+00  | 1,032E+04 | 1,562E+01 | 1,153E+01 | 3,242E+00  | 3,589E+00  | 9,994E-01  | 9,998E-01  | 4,274E-04 | 4,412E+00 | -4,412E+00 | 4,412E+00                        |
| 15                      | 5,700E+01   | 6,100E+01     | 1,800E+02   | 1,800E+02 | 6,266E+05  | 1,032E+04 | 1,562E+01 | 1,153E+01 | 3,589E+00  | 3,998E+00  | 9,998E-01  | 1,000E+00  | 1,246E-04 | 1,246E+00 | 1,787E+02  | 2,484E+04                        |
| 16                      | 6,100E+01   | 6,500E+01     | 0,000E+00   | 0,000E+00 | 0,000E+00  | 1,032E+04 | 1,562E+01 | 1,153E+01 | 3,998E+00  | 4,283E+00  | 1,000E+00  | ---        | 4,145E-05 | 4,279E-01 | -4,279E-01 | 4,279E-01                        |



| 016 - numero_fluxos_EE |             |               |             |           |            |           |           |           |            |            |            |            |           |           |            |                                  |
|------------------------|-------------|---------------|-------------|-----------|------------|-----------|-----------|-----------|------------|------------|------------|------------|-----------|-----------|------------|----------------------------------|
| Mínimo                 | 0,000E+00   |               |             |           |            |           |           |           |            |            |            |            |           |           |            |                                  |
| Máximo                 | 1,100E+01   |               |             |           |            |           |           |           |            |            |            |            |           |           |            |                                  |
| Amplitude              | 1,000E+00   |               |             |           |            |           |           |           |            |            |            |            |           |           |            |                                  |
| Análise                | S           |               |             |           |            |           |           |           |            |            |            |            |           |           |            |                                  |
| Soma SQL               | 1,900E+01   |               |             |           |            |           |           |           |            |            |            |            |           |           |            |                                  |
| Soma Linha (N)         | 1,900E+01   |               |             |           |            |           |           |           |            |            |            |            |           |           |            |                                  |
| Média amostral         | 7,974E+00   |               |             |           |            |           |           |           |            |            |            |            |           |           |            |                                  |
| Somatória fi * Pmi     | 1,515E+02   |               |             |           |            |           |           |           |            |            |            |            |           |           |            |                                  |
| Somatória fi * Pmi     | 1,399E+03   |               |             |           |            |           |           |           |            |            |            |            |           |           |            |                                  |
| Somatória fi * Pmi     | 7,974E+00   |               |             |           |            |           |           |           |            |            |            |            |           |           |            |                                  |
| Desvio padrão amos     | 3,255E+00   |               |             |           |            |           |           |           |            |            |            |            |           |           |            |                                  |
|                        |             |               |             |           |            |           |           |           |            |            |            |            |           |           |            | Valor para teste de qui-quadrado |
|                        |             |               |             |           |            |           |           |           |            |            |            |            |           |           |            | 8,427E+01                        |
| 017 - numero_bytes_II  |             |               |             |           |            |           |           |           |            |            |            |            |           |           |            |                                  |
| Mínimo                 | 2,470E+02   |               |             |           |            |           |           |           |            |            |            |            |           |           |            |                                  |
| Máximo                 | 6,919E+06   |               |             |           |            |           |           |           |            |            |            |            |           |           |            |                                  |
| Amplitude              | 4,612E+05   |               |             |           |            |           |           |           |            |            |            |            |           |           |            |                                  |
| Análise                | S           |               |             |           |            |           |           |           |            |            |            |            |           |           |            |                                  |
| Soma SQL               | 4,547E+07   |               |             |           |            |           |           |           |            |            |            |            |           |           |            |                                  |
| Soma Linha (N)         | 4,547E+07   |               |             |           |            |           |           |           |            |            |            |            |           |           |            |                                  |
| Média amostral         | 3,061E+06   |               |             |           |            |           |           |           |            |            |            |            |           |           |            |                                  |
| Somatória fi * Pmi     | 1,392E+14   |               |             |           |            |           |           |           |            |            |            |            |           |           |            |                                  |
| Somatória fi * Pmi     | 6,592E+20   |               |             |           |            |           |           |           |            |            |            |            |           |           |            |                                  |
| Somatória fi * Pmi     | 3,061E+06   |               |             |           |            |           |           |           |            |            |            |            |           |           |            |                                  |
| Desvio padrão amos     | 2,264E+06   |               |             |           |            |           |           |           |            |            |            |            |           |           |            |                                  |
|                        |             |               |             |           |            |           |           |           |            |            |            |            |           |           |            | Valor para teste de qui-quadrado |
|                        |             |               |             |           |            |           |           |           |            |            |            |            |           |           |            | 4,127E+07                        |
| Num                    | De (aberto) | Até (fechado) | Ocorrências | Fi * Pmi  | Fi * Pmi^2 | N         | Média     | Desvio    | z lim.inf. | z lim.sup. | Norm.z inf | Norm.z sup | Prob      | Esperado  | Obs - Esp  | (O - e)^2/e                      |
| 1                      | 0,000E+00   | 1,000E+00     | 0,000E+00   | 0,000E+00 | 0,000E+00  | 1,900E+01 | 7,974E+00 | 3,255E+00 | -2,450E+00 | -2,142E+00 | ---        | 1,608E-02  | 1,608E-02 | 3,056E-01 | -3,056E-01 | 3,056E-01                        |
| 2                      | 1,000E+00   | 2,000E+00     | 2,000E+00   | 3,000E+00 | 4,500E+00  | 1,900E+01 | 7,974E+00 | 3,255E+00 | -2,142E+00 | -1,835E+00 | 1,608E-02  | 3,324E-02  | 1,716E-02 | 3,260E-01 | 1,674E+00  | 8,594E+00                        |
| 3                      | 2,000E+00   | 3,000E+00     | 0,000E+00   | 0,000E+00 | 0,000E+00  | 1,900E+01 | 7,974E+00 | 3,255E+00 | -1,835E+00 | -1,528E+00 | 3,324E-02  | 6,327E-02  | 3,002E-02 | 5,704E-01 | -5,704E-01 | 5,704E-01                        |
| 4                      | 3,000E+00   | 4,000E+00     | 0,000E+00   | 0,000E+00 | 0,000E+00  | 1,900E+01 | 7,974E+00 | 3,255E+00 | -1,528E+00 | -1,221E+00 | 6,327E-02  | 1,111E-01  | 4,783E-02 | 9,088E-01 | -9,088E-01 | 9,088E-01                        |
| 5                      | 4,000E+00   | 5,000E+00     | 0,000E+00   | 0,000E+00 | 0,000E+00  | 1,900E+01 | 7,974E+00 | 3,255E+00 | -1,221E+00 | -9,135E-01 | 1,111E-01  | 1,805E-01  | 6,939E-02 | 1,318E+00 | -1,318E+00 | 1,318E+00                        |
| 6                      | 5,000E+00   | 6,000E+00     | 6,000E+00   | 3,300E+01 | 1,815E+02  | 1,900E+01 | 7,974E+00 | 3,255E+00 | -9,135E-01 | -6,063E-01 | 1,805E-01  | 2,722E-01  | 9,167E-02 | 1,742E+00 | 4,258E+00  | 1,041E+01                        |
| 7                      | 6,000E+00   | 7,000E+00     | 0,000E+00   | 0,000E+00 | 0,000E+00  | 1,900E+01 | 7,974E+00 | 3,255E+00 | -6,063E-01 | -2,991E-01 | 2,722E-01  | 3,824E-01  | 1,103E-01 | 2,095E+00 | -2,095E+00 | 2,095E+00                        |
| 8                      | 7,000E+00   | 8,000E+00     | 0,000E+00   | 0,000E+00 | 0,000E+00  | 1,900E+01 | 7,974E+00 | 3,255E+00 | -2,991E-01 | 8,084E-03  | 3,824E-01  | 5,032E-01  | 1,208E-01 | 2,295E+00 | -2,295E+00 | 2,295E+00                        |
| 9                      | 8,000E+00   | 9,000E+00     | 0,000E+00   | 0,000E+00 | 0,000E+00  | 1,900E+01 | 7,974E+00 | 3,255E+00 | 8,084E-03  | 3,153E-01  | 5,032E-01  | 6,237E-01  | 1,205E-01 | 2,290E+00 | -2,290E+00 | 2,290E+00                        |
| 10                     | 9,000E+00   | 1,000E+01     | 0,000E+00   | 0,000E+00 | 0,000E+00  | 1,900E+01 | 7,974E+00 | 3,255E+00 | 3,153E-01  | 6,225E-01  | 6,237E-01  | 7,332E-01  | 1,095E-01 | 2,080E+00 | -2,080E+00 | 2,080E+00                        |
| 11                     | 1,000E+01   | 1,100E+01     | 1,100E+01   | 1,155E+02 | 1,213E+03  | 1,900E+01 | 7,974E+00 | 3,255E+00 | 6,225E-01  | 9,297E-01  | 7,332E-01  | 8,237E-01  | 9,054E-02 | 1,720E+00 | 9,280E+00  | 5,006E+01                        |
| 12                     | 1,100E+01   | 1,200E+01     | 0,000E+00   | 0,000E+00 | 0,000E+00  | 1,900E+01 | 7,974E+00 | 3,255E+00 | 9,297E-01  | 1,237E+00  | 8,237E-01  | 8,919E-01  | 6,820E-02 | 1,296E+00 | -1,296E+00 | 1,296E+00                        |
| 13                     | 1,200E+01   | 1,300E+01     | 0,000E+00   | 0,000E+00 | 0,000E+00  | 1,900E+01 | 7,974E+00 | 3,255E+00 | 1,237E+00  | 1,544E+00  | 8,919E-01  | 9,387E-01  | 4,678E-02 | 8,888E-01 | -8,888E-01 | 8,888E-01                        |
| 14                     | 1,300E+01   | 1,400E+01     | 0,000E+00   | 0,000E+00 | 0,000E+00  | 1,900E+01 | 7,974E+00 | 3,255E+00 | 1,544E+00  | 1,851E+00  | 9,387E-01  | 9,679E-01  | 2,922E-02 | 5,552E-01 | -5,552E-01 | 5,552E-01                        |
| 15                     | 1,400E+01   | 1,500E+01     | 0,000E+00   | 0,000E+00 | 0,000E+00  | 1,900E+01 | 7,974E+00 | 3,255E+00 | 1,851E+00  | 2,158E+00  | 9,679E-01  | 9,846E-01  | 1,662E-02 | 3,158E-01 | -3,158E-01 | 3,158E-01                        |
| 16                     | 1,500E+01   | 1,600E+01     | 0,000E+00   | 0,000E+00 | 0,000E+00  | 1,900E+01 | 7,974E+00 | 3,255E+00 | 2,158E+00  | 2,466E+00  | 9,846E-01  | ---        | 1,545E-02 | 2,935E-01 | -2,935E-01 | 2,935E-01                        |
| Num                    | De (aberto) | Até (fechado) | Ocorrências | Fi * Pmi  | Fi * Pmi^2 | N         | Média     | Desvio    | z lim.inf. | z lim.sup. | Norm.z inf | Norm.z sup | Prob      | Esperado  | Obs - Esp  | (O - e)^2/e                      |
| 1                      | 0,000E+00   | 4,614E+05     | 5,550E+06   | 1,280E+12 | 2,953E+17  | 4,547E+07 | 3,061E+06 | 2,264E+06 | -1,352E+00 | -1,148E+00 | ---        | 1,254E-01  | 1,254E-01 | 5,702E+06 | -1,520E+05 | 4,051E+03                        |
| 2                      | 4,614E+05   | 9,226E+05     | 1,977E+06   | 1,368E+12 | 9,466E+17  | 4,547E+07 | 3,061E+06 | 2,264E+06 | -1,148E+00 | -9,447E-01 | 1,254E-01  | 1,724E-01  | 4,701E-02 | 2,137E+06 | -3,605E+05 | 1,205E+04                        |
| 3                      | 9,226E+05   | 1,384E+06     | 2,301E+06   | 2,654E+12 | 3,060E+18  | 4,547E+07 | 3,061E+06 | 2,264E+06 | -9,447E-01 | -7,409E-01 | 1,724E-01  | 2,294E-01  | 5,695E-02 | 2,899E+06 | -2,879E+05 | 3,202E+04                        |
| 4                      | 1,384E+06   | 1,845E+06     | 8,011E+06   | 1,293E+13 | 2,088E+19  | 4,547E+07 | 3,061E+06 | 2,264E+06 | -7,409E-01 | -5,372E-01 | 2,294E-01  | 2,956E-01  | 6,619E-02 | 3,010E+06 | 5,001E+06  | 8,311E+06                        |
| 5                      | 1,845E+06   | 2,306E+06     | 6,079E+06   | 1,262E+13 | 2,619E+19  | 4,547E+07 | 3,061E+06 | 2,264E+06 | -5,372E-01 | -3,335E-01 | 2,956E-01  | 3,694E-01  | 7,382E-02 | 3,356E+06 | 2,723E+06  | 2,209E+06                        |
| 6                      | 2,306E+06   | 2,768E+06     | 2,416E+06   | 6,129E+12 | 1,555E+19  | 4,547E+07 | 3,061E+06 | 2,264E+06 | -3,335E-01 | -1,298E-01 | 3,694E-01  | 4,484E-01  | 7,899E-02 | 3,591E+06 | -1,175E+06 | 3,847E+05                        |
| 7                      | 2,768E+06   | 3,229E+06     | 2,849E+06   | 8,541E+12 | 2,561E+19  | 4,547E+07 | 3,061E+06 | 2,264E+06 | -1,298E-01 | 7,394E-02  | 4,484E-01  | 5,295E-01  | 8,110E-02 | 3,687E+06 | -8,387E+05 | 1,908E+05                        |
| 8                      | 3,229E+06   | 3,690E+06     | 0,000E+00   | 0,000E+00 | 0,000E+00  | 4,547E+07 | 3,061E+06 | 2,264E+06 | 7,394E-02  | 2,777E-01  | 5,295E-01  | 6,094E-01  | 7,989E-02 | 3,632E+06 | -3,632E+06 | 3,632E+06                        |
| 9                      | 3,690E+06   | 4,151E+06     | 3,955E+06   | 1,551E+13 | 6,079E+19  | 4,547E+07 | 3,061E+06 | 2,264E+06 | 2,777E-01  | 4,814E-01  | 6,094E-01  | 6,849E-01  | 7,551E-02 | 3,433E+06 | 5,217E+05  | 7,926E+04                        |
| 10                     | 4,151E+06   | 4,612E+06     | 0,000E+00   | 0,000E+00 | 0,000E+00  | 4,547E+07 | 3,061E+06 | 2,264E+06 | 4,814E-01  | 6,851E-01  | 6,849E-01  | 7,534E-01  | 6,848E-02 | 3,114E+06 | -3,114E+06 | 3,114E+06                        |
| 11                     | 4,612E+06   | 5,074E+06     | 0,000E+00   | 0,000E+00 | 0,000E+00  | 4,547E+07 | 3,061E+06 | 2,264E+06 | 6,851E-01  | 8,888E-01  | 7,534E-01  | 8,130E-01  | 5,959E-02 | 2,709E+06 | -2,709E+06 | 2,709E+06                        |
| 12                     | 5,074E+06   | 5,535E+06     | 5,409E+06   | 2,869E+13 | 1,522E+20  | 4,547E+07 | 3,061E+06 | 2,264E+06 | 8,888E-01  | 1,093E+00  | 8,130E-01  | 8,627E-01  | 4,975E-02 | 3,262E+06 | 3,147E+06  | 4,379E+06                        |
| 13                     | 5,535E+06   | 5,996E+06     | 0,000E+00   | 0,000E+00 | 0,000E+00  | 4,547E+07 | 3,061E+06 | 2,264E+06 | 1,093E+00  | 1,296E+00  | 8,627E-01  | 9,026E-01  | 3,985E-02 | 1,812E+06 | -1,812E+06 | 1,812E+06                        |
| 14                     | 5,996E+06   | 6,457E+06     | 0,000E+00   | 0,000E+00 | 0,000E+00  | 4,547E+07 | 3,061E+06 | 2,264E+06 | 1,296E+00  | 1,500E+00  | 9,026E-01  | 9,332E-01  | 3,063E-02 | 1,393E+06 | -1,393E+06 | 1,393E+06                        |
| 15                     | 6,457E+06   | 6,919E+06     | 0,000E+00   | 0,000E+00 | 0,000E+00  | 4,547E+07 | 3,061E+06 | 2,264E+06 | 1,500E+00  | 1,704E+00  | 9,332E-01  | 9,558E-01  | 2,259E-02 | 1,027E+06 | -1,027E+06 | 1,027E+06                        |
| 16                     | 6,919E+06   | 7,380E+06     | 6,919E+06   | 4,946E+13 | 3,536E+20  | 4,547E+07 | 3,061E+06 | 2,264E+06 | 1,704E+00  | 1,907E+00  | 9,558E-01  | ---        | 4,422E-02 | 2,010E+06 | 4,908E+06  | 1,198E+07                        |



| 018 - numero_bytes_IE |             |               |             |           |            |           |           |           |            |            |            |            |           |           |            |                                  |
|-----------------------|-------------|---------------|-------------|-----------|------------|-----------|-----------|-----------|------------|------------|------------|------------|-----------|-----------|------------|----------------------------------|
| Mínimo                | 0,000E+00   |               |             |           |            |           |           |           |            |            |            |            |           |           |            |                                  |
| Máximo                | 3,218E+05   |               |             |           |            |           |           |           |            |            |            |            |           |           |            |                                  |
| Amplitude             | 2,145E+04   |               |             |           |            |           |           |           |            |            |            |            |           |           |            |                                  |
| Analise               | S           |               |             |           |            |           |           |           |            |            |            |            |           |           |            |                                  |
| Soma SQL              | 1,713E+06   |               |             |           |            |           |           |           |            |            |            |            |           |           |            |                                  |
| Soma Linha (N)        | 1,713E+06   |               |             |           |            |           |           |           |            |            |            |            |           |           |            |                                  |
| Média amostral        | 1,864E+05   |               |             |           |            |           |           |           |            |            |            |            |           |           |            |                                  |
| Somatória fi * Pmi    | 3,194E+11   |               |             |           |            |           |           |           |            |            |            |            |           |           |            |                                  |
| Somatória fi * Pmi    | 7,467E+16   |               |             |           |            |           |           |           |            |            |            |            |           |           |            |                                  |
| Somatória fi * Pmi    | 1,864E+05   |               |             |           |            |           |           |           |            |            |            |            |           |           |            |                                  |
| Desvio padrão amos    | 9,399E+04   |               |             |           |            |           |           |           |            |            |            |            |           |           |            |                                  |
|                       |             |               |             |           |            |           |           |           |            |            |            |            |           |           |            | Valor para teste de qui-quadrado |
|                       |             |               |             |           |            |           |           |           |            |            |            |            |           |           |            | 2,410E+06                        |
| 019 - numero_bytes_EI |             |               |             |           |            |           |           |           |            |            |            |            |           |           |            |                                  |
| Mínimo                | 0,000E+00   |               |             |           |            |           |           |           |            |            |            |            |           |           |            |                                  |
| Máximo                | 3,050E+06   |               |             |           |            |           |           |           |            |            |            |            |           |           |            |                                  |
| Amplitude             | 2,033E+05   |               |             |           |            |           |           |           |            |            |            |            |           |           |            |                                  |
| Analise               | S           |               |             |           |            |           |           |           |            |            |            |            |           |           |            |                                  |
| Soma SQL              | 2,502E+07   |               |             |           |            |           |           |           |            |            |            |            |           |           |            |                                  |
| Soma Linha (N)        | 2,502E+07   |               |             |           |            |           |           |           |            |            |            |            |           |           |            |                                  |
| Média amostral        | 2,056E+06   |               |             |           |            |           |           |           |            |            |            |            |           |           |            |                                  |
| Somatória fi * Pmi    | 5,143E+13   |               |             |           |            |           |           |           |            |            |            |            |           |           |            |                                  |
| Somatória fi * Pmi    | 1,183E+20   |               |             |           |            |           |           |           |            |            |            |            |           |           |            |                                  |
| Somatória fi * Pmi    | 2,056E+06   |               |             |           |            |           |           |           |            |            |            |            |           |           |            |                                  |
| Desvio padrão amos    | 7,092E+05   |               |             |           |            |           |           |           |            |            |            |            |           |           |            |                                  |
|                       |             |               |             |           |            |           |           |           |            |            |            |            |           |           |            | Valor para teste de qui-quadrado |
|                       |             |               |             |           |            |           |           |           |            |            |            |            |           |           |            | 2,848E+07                        |
| Num                   | De (aberto) | Até (fechado) | Ocorrências | Fi * Pmi  | Fi * Pmi^2 | N         | Média     | Desvio    | z lim.inf. | z lim.sup. | Norm.z inf | Norm.z sup | Prob      | Esperado  | Obs - Esp  | (O - e)^2/e                      |
| 1                     | 0,000E+00   | 2,145E+04     | 7,921E+04   | 8,497E+08 | 9,114E+12  | 1,713E+06 | 1,864E+05 | 9,399E+04 | -1,983E+00 | -1,755E+00 | ---        | 3,962E-02  | 3,962E-02 | 6,787E+04 | 1,134E+04  | 1,895E+03                        |
| 2                     | 2,145E+04   | 4,291E+04     | 7,919E+04   | 2,548E+09 | 8,201E+13  | 1,713E+06 | 1,864E+05 | 9,399E+04 | -1,755E+00 | -1,527E+00 | 3,962E-02  | 6,339E-02  | 2,378E-02 | 4,073E+04 | 3,846E+04  | 3,631E+04                        |
| 3                     | 4,291E+04   | 6,436E+04     | 4,955E+04   | 2,658E+09 | 1,425E+14  | 1,713E+06 | 1,864E+05 | 9,399E+04 | -1,527E+00 | -1,299E+00 | 6,339E-02  | 9,703E-02  | 3,364E-02 | 5,763E+04 | -8,077E+03 | 1,132E+03                        |
| 4                     | 6,436E+04   | 8,582E+04     | 1,403E+05   | 1,053E+10 | 7,908E+14  | 1,713E+06 | 1,864E+05 | 9,399E+04 | -1,299E+00 | -1,070E+00 | 9,703E-02  | 1,422E-01  | 4,519E-02 | 7,741E+04 | 6,285E+04  | 5,102E+04                        |
| 5                     | 8,582E+04   | 1,073E+05     | 9,084E+04   | 8,770E+09 | 8,467E+14  | 1,713E+06 | 1,864E+05 | 9,399E+04 | -1,070E+00 | -8,421E-01 | 1,422E-01  | 1,999E-01  | 5,763E-02 | 7,873E+04 | -7,885E+03 | 6,297E+02                        |
| 6                     | 1,073E+05   | 1,287E+05     | 1,194E+05   | 1,409E+10 | 1,663E+15  | 1,713E+06 | 1,864E+05 | 9,399E+04 | -8,421E-01 | -6,139E-01 | 1,999E-01  | 2,696E-01  | 6,979E-02 | 1,196E+05 | -1,395E+02 | 1,628E-01                        |
| 7                     | 1,287E+05   | 1,502E+05     | 0,000E+00   | 0,000E+00 | 0,000E+00  | 1,713E+06 | 1,864E+05 | 9,399E+04 | -6,139E-01 | -3,856E-01 | 2,696E-01  | 3,499E-01  | 8,024E-02 | 1,375E+05 | -1,375E+05 | 1,375E+05                        |
| 8                     | 1,502E+05   | 1,716E+05     | 0,000E+00   | 0,000E+00 | 0,000E+00  | 1,713E+06 | 1,864E+05 | 9,399E+04 | -3,856E-01 | -1,574E-01 | 3,499E-01  | 4,375E-01  | 8,759E-02 | 1,500E+05 | -1,500E+05 | 1,500E+05                        |
| 9                     | 1,716E+05   | 1,931E+05     | 3,526E+05   | 6,431E+10 | 1,173E+16  | 1,713E+06 | 1,864E+05 | 9,399E+04 | -1,574E-01 | 7,087E-02  | 4,375E-01  | 5,282E-01  | 9,078E-02 | 1,555E+05 | 1,971E+05  | 2,499E+05                        |
| 10                    | 1,931E+05   | 2,145E+05     | 2,062E+05   | 4,203E+10 | 8,566E+15  | 1,713E+06 | 1,864E+05 | 9,399E+04 | 7,087E-02  | 2,991E-01  | 5,282E-01  | 6,176E-01  | 8,933E-02 | 1,530E+05 | 5,318E+04  | 1,848E+04                        |
| 11                    | 2,145E+05   | 2,360E+05     | 0,000E+00   | 0,000E+00 | 0,000E+00  | 1,713E+06 | 1,864E+05 | 9,399E+04 | 2,991E-01  | 5,274E-01  | 6,176E-01  | 7,010E-01  | 8,346E-02 | 1,430E+05 | -1,430E+05 | 1,430E+05                        |
| 12                    | 2,360E+05   | 2,574E+05     | 0,000E+00   | 0,000E+00 | 0,000E+00  | 1,713E+06 | 1,864E+05 | 9,399E+04 | 5,274E-01  | 7,556E-01  | 7,010E-01  | 7,751E-01  | 7,403E-02 | 1,268E+05 | -1,268E+05 | 1,268E+05                        |
| 13                    | 2,574E+05   | 2,789E+05     | 2,739E+05   | 7,346E+10 | 1,970E+16  | 1,713E+06 | 1,864E+05 | 9,399E+04 | 7,556E-01  | 9,839E-01  | 7,751E-01  | 8,374E-01  | 6,235E-02 | 1,068E+05 | 1,671E+05  | 2,615E+05                        |
| 14                    | 2,789E+05   | 3,004E+05     | 0,000E+00   | 0,000E+00 | 0,000E+00  | 1,713E+06 | 1,864E+05 | 9,399E+04 | 9,839E-01  | 1,212E+00  | 8,374E-01  | 8,873E-01  | 4,986E-02 | 8,541E+04 | -8,541E+04 | 8,541E+04                        |
| 15                    | 3,004E+05   | 3,218E+05     | 3,218E+05   | 1,001E+11 | 3,114E+16  | 1,713E+06 | 1,864E+05 | 9,399E+04 | 1,212E+00  | 1,440E+00  | 8,873E-01  | 9,251E-01  | 3,785E-02 | 6,484E+04 | 2,570E+05  | 1,018E+06                        |
| 16                    | 3,218E+05   | 3,433E+05     | 0,000E+00   | 0,000E+00 | 0,000E+00  | 1,713E+06 | 1,864E+05 | 9,399E+04 | 1,440E+00  | 1,669E+00  | 9,251E-01  | ---        | 7,488E-02 | 1,283E+05 | -1,283E+05 | 1,283E+05                        |
| Num                   | De (aberto) | Até (fechado) | Ocorrências | Fi * Pmi  | Fi * Pmi^2 | N         | Média     | Desvio    | z lim.inf. | z lim.sup. | Norm.z inf | Norm.z sup | Prob      | Esperado  | Obs - Esp  | (O - e)^2/e                      |
| 1                     | 0,000E+00   | 2,033E+05     | 4,584E+05   | 4,660E+10 | 4,738E+15  | 2,502E+07 | 2,056E+06 | 7,092E+05 | -2,898E+00 | -2,612E+00 | ---        | 4,505E-03  | 4,505E-03 | 1,127E+05 | 3,457E+05  | 1,060E+06                        |
| 2                     | 2,033E+05   | 4,067E+05     | 0,000E+00   | 0,000E+00 | 0,000E+00  | 2,502E+07 | 2,056E+06 | 7,092E+05 | -2,612E+00 | -2,325E+00 | 4,505E-03  | 1,004E-02  | 5,531E-03 | 1,384E+05 | -1,384E+05 | 1,384E+05                        |
| 3                     | 4,067E+05   | 6,100E+05     | 0,000E+00   | 0,000E+00 | 0,000E+00  | 2,502E+07 | 2,056E+06 | 7,092E+05 | -2,325E+00 | -2,038E+00 | 1,004E-02  | 2,076E-02  | 1,072E-02 | 2,683E+05 | -2,683E+05 | 2,683E+05                        |
| 4                     | 6,100E+05   | 8,134E+05     | 0,000E+00   | 0,000E+00 | 0,000E+00  | 2,502E+07 | 2,056E+06 | 7,092E+05 | -2,038E+00 | -1,752E+00 | 2,076E-02  | 3,992E-02  | 1,916E-02 | 4,794E+05 | -4,794E+05 | 4,794E+05                        |
| 5                     | 8,134E+05   | 1,017E+06     | 9,184E+05   | 8,404E+11 | 7,690E+17  | 2,502E+07 | 2,056E+06 | 7,092E+05 | -1,752E+00 | -1,465E+00 | 3,992E-02  | 7,147E-02  | 3,155E-02 | 7,894E+05 | 1,290E+05  | 2,110E+04                        |
| 6                     | 1,017E+06   | 1,220E+06     | 1,177E+06   | 1,317E+12 | 1,473E+18  | 2,502E+07 | 2,056E+06 | 7,092E+05 | -1,465E+00 | -1,178E+00 | 7,147E-02  | 1,194E-01  | 4,788E-02 | 1,198E+06 | -2,052E+04 | 3,516E+02                        |
| 7                     | 1,220E+06   | 1,423E+06     | 2,763E+06   | 3,652E+12 | 4,826E+18  | 2,502E+07 | 2,056E+06 | 7,092E+05 | -1,178E+00 | -8,915E-01 | 1,194E-01  | 1,863E-01  | 6,697E-02 | 1,676E+06 | 1,087E+06  | 7,056E+05                        |
| 8                     | 1,423E+06   | 1,627E+06     | 3,064E+06   | 4,672E+12 | 7,125E+18  | 2,502E+07 | 2,056E+06 | 7,092E+05 | -8,915E-01 | -6,048E-01 | 1,863E-01  | 2,727E-01  | 8,633E-02 | 2,160E+06 | 9,039E+05  | 3,783E+05                        |
| 9                     | 1,627E+06   | 1,830E+06     | 1,688E+06   | 2,918E+12 | 5,043E+18  | 2,502E+07 | 2,056E+06 | 7,092E+05 | -6,048E-01 | -3,181E-01 | 2,727E-01  | 3,752E-01  | 1,025E-01 | 2,566E+06 | -8,774E+05 | 3,001E+05                        |
| 10                    | 1,830E+06   | 2,033E+06     | 1,992E+06   | 3,849E+12 | 7,435E+18  | 2,502E+07 | 2,056E+06 | 7,092E+05 | -3,181E-01 | -3,141E-02 | 3,752E-01  | 4,875E-01  | 1,123E-01 | 2,809E+06 | -8,164E+05 | 2,373E+05                        |
| 11                    | 2,033E+06   | 2,237E+06     | 4,337E+06   | 9,260E+12 | 1,977E+19  | 2,502E+07 | 2,056E+06 | 7,092E+05 | -3,141E-02 | 2,553E-01  | 4,875E-01  | 6,008E-01  | 1,133E-01 | 2,834E+06 | 1,503E+06  | 7,969E+05                        |
| 12                    | 2,237E+06   | 2,440E+06     | 0,000E+00   | 0,000E+00 | 0,000E+00  | 2,502E+07 | 2,056E+06 | 7,092E+05 | 2,553E-01  | 5,420E-01  | 6,008E-01  | 7,061E-01  | 1,053E-01 | 2,635E+06 | -2,635E+06 | 2,635E+06                        |
| 13                    | 2,440E+06   | 2,643E+06     | 0,000E+00   | 0,000E+00 | 0,000E+00  | 2,502E+07 | 2,056E+06 | 7,092E+05 | 5,420E-01  | 8,287E-01  | 7,061E-01  | 7,964E-01  | 9,027E-02 | 2,258E+06 | -2,258E+06 | 2,258E+06                        |
| 14                    | 2,643E+06   | 2,847E+06     | 2,657E+06   | 7,293E+12 | 2,002E+19  | 2,502E+07 | 2,056E+06 | 7,092E+05 | 8,287E-01  | 1,115E+00  | 7,964E-01  | 8,677E-01  | 7,130E-02 | 1,784E+06 | 8,731E+05  | 4,274E+05                        |
| 15                    | 2,847E+06   | 3,050E+06     | 5,963E+06   | 1,758E+13 | 5,184E+19  | 2,502E+07 | 2,056E+06 | 7,092E+05 | 1,115E+00  | 1,402E+00  | 8,677E-01  | 9,196E-01  | 5,190E-02 | 2,198E+06 | 4,665E+06  | 1,676E+07                        |
| 16                    | 3,050E+06   | 3,253E+06     | 0,000E+00   | 0,000E+00 | 0,000E+00  | 2,502E+07 | 2,056E+06 | 7,092E+05 | 1,402E+00  | 1,689E+00  | 9,196E-01  | ---        | 8,044E-02 | 2,013E+06 | -2,013E+06 | 2,013E+06                        |

| 020 - numero_bytes_EE   |             |               |             |           |            |           |           |           |            |            |            |            |           |                                  |            |             |
|-------------------------|-------------|---------------|-------------|-----------|------------|-----------|-----------|-----------|------------|------------|------------|------------|-----------|----------------------------------|------------|-------------|
| Mínimo                  | 0,000E+00   |               |             |           |            |           |           |           |            |            |            |            |           |                                  |            |             |
| Máximo                  | 4,650E+04   |               |             |           |            |           |           |           |            |            |            |            |           |                                  |            |             |
| Amplitude               | 3,100E+03   |               |             |           |            |           |           |           |            |            |            |            |           |                                  |            |             |
| Análise                 | S           |               |             |           |            |           |           |           |            |            |            |            |           |                                  |            |             |
| Soma SQL                | 7,418E+04   |               |             |           |            |           |           |           |            |            |            |            |           |                                  |            |             |
| Soma Linha (N)          | 7,418E+04   |               |             |           |            |           |           |           |            |            |            |            |           |                                  |            |             |
| Média amostral          | 3,751E+04   |               |             |           |            |           |           |           |            |            |            |            |           |                                  |            |             |
| Somatória fi * Pmi      | 2,783E+09   |               |             |           |            |           |           |           |            |            |            |            |           |                                  |            |             |
| Somatória fi * Pmi      | 1,121E+14   |               |             |           |            |           |           |           |            |            |            |            |           |                                  |            |             |
| Somatória fi * Pmi      | 3,751E+04   |               |             |           |            |           |           |           |            |            |            |            |           |                                  |            |             |
| Desvio padrão amos      | 1,023E+04   |               |             |           |            |           |           |           |            |            |            |            |           |                                  |            |             |
|                         |             |               |             |           |            |           |           |           |            |            |            |            |           | Valor para teste de qui-quadrado | 4,570E+05  |             |
| Num                     | De (aberto) | Até (fechado) | Ocorrências | Fi * Pmi  | Fi * Pmi^2 | N         | Média     | Desvio    | z lim.inf. | z lim.sup. | Norm.z inf | Norm.z sup | Prob      | Esperado                         | Obs - Esp  | (O - e)^2/e |
| 1                       | 0,000E+00   | 3,100E+03     | 1,493E+03   | 2,314E+06 | 3,587E+09  | 7,418E+04 | 3,751E+04 | 1,023E+04 | -3,666E+00 | -3,363E+00 | ---        | 3,857E-04  | 3,857E-04 | 2,861E+01                        | 1,464E+03  | 7,495E+04   |
| 2                       | 3,100E+03   | 6,200E+03     | 0,000E+00   | 0,000E+00 | 0,000E+00  | 7,418E+04 | 3,751E+04 | 1,023E+04 | -3,363E+00 | -3,060E+00 | 3,857E-04  | 1,107E-03  | 7,213E-04 | 5,351E+01                        | -5,351E+01 | 5,351E+01   |
| 3                       | 6,200E+03   | 9,300E+03     | 0,000E+00   | 0,000E+00 | 0,000E+00  | 7,418E+04 | 3,751E+04 | 1,023E+04 | -2,757E+00 | -2,757E+00 | 1,107E-03  | 2,917E-03  | 1,810E-03 | 1,343E+02                        | -1,343E+02 | 1,343E+02   |
| 4                       | 9,300E+03   | 1,240E+04     | 0,000E+00   | 0,000E+00 | 0,000E+00  | 7,418E+04 | 3,751E+04 | 1,023E+04 | -2,454E+00 | -2,454E+00 | 2,917E-03  | 7,064E-03  | 4,147E-03 | 3,076E+02                        | -3,076E+02 | 3,076E+02   |
| 5                       | 1,240E+04   | 1,550E+04     | 0,000E+00   | 0,000E+00 | 0,000E+00  | 7,418E+04 | 3,751E+04 | 1,023E+04 | -2,454E+00 | -2,151E+00 | 7,064E-03  | 1,574E-02  | 8,673E-03 | 6,434E+02                        | -6,434E+02 | 6,434E+02   |
| 6                       | 1,550E+04   | 1,860E+04     | 0,000E+00   | 0,000E+00 | 0,000E+00  | 7,418E+04 | 3,751E+04 | 1,023E+04 | -2,151E+00 | -1,848E+00 | 1,574E-02  | 3,230E-02  | 1,656E-02 | 1,228E+03                        | -1,228E+03 | 1,228E+03   |
| 7                       | 1,860E+04   | 2,170E+04     | 0,000E+00   | 0,000E+00 | 0,000E+00  | 7,418E+04 | 3,751E+04 | 1,023E+04 | -1,848E+00 | -1,545E+00 | 3,230E-02  | 6,116E-02  | 2,887E-02 | 2,141E+03                        | -2,141E+03 | 2,141E+03   |
| 8                       | 2,170E+04   | 2,480E+04     | 0,000E+00   | 0,000E+00 | 0,000E+00  | 7,418E+04 | 3,751E+04 | 1,023E+04 | -1,545E+00 | -1,242E+00 | 6,116E-02  | 1,071E-01  | 4,593E-02 | 3,408E+03                        | -3,408E+03 | 3,408E+03   |
| 9                       | 2,480E+04   | 2,790E+04     | 2,619E+04   | 6,902E+08 | 1,819E+13  | 7,418E+04 | 3,751E+04 | 1,023E+04 | -1,242E+00 | -9,392E-01 | 1,071E-01  | 1,738E-01  | 6,673E-02 | 4,950E+03                        | -2,124E+04 | 9,115E+04   |
| 10                      | 2,790E+04   | 3,100E+04     | 0,000E+00   | 0,000E+00 | 0,000E+00  | 7,418E+04 | 3,751E+04 | 1,023E+04 | -9,392E-01 | -6,362E-01 | 1,738E-01  | 2,623E-01  | 8,850E-02 | 6,565E+03                        | -6,565E+03 | 6,565E+03   |
| 11                      | 3,100E+04   | 3,410E+04     | 0,000E+00   | 0,000E+00 | 0,000E+00  | 7,418E+04 | 3,751E+04 | 1,023E+04 | -6,362E-01 | -3,332E-01 | 2,623E-01  | 3,695E-01  | 1,072E-01 | 7,949E+03                        | -7,949E+03 | 7,949E+03   |
| 12                      | 3,410E+04   | 3,720E+04     | 0,000E+00   | 0,000E+00 | 0,000E+00  | 7,418E+04 | 3,751E+04 | 1,023E+04 | -3,332E-01 | -3,025E-02 | 3,695E-01  | 4,879E-01  | 1,184E-01 | 8,787E+03                        | -8,787E+03 | 8,787E+03   |
| 13                      | 3,720E+04   | 4,030E+04     | 0,000E+00   | 0,000E+00 | 0,000E+00  | 7,418E+04 | 3,751E+04 | 1,023E+04 | -3,025E-02 | 2,727E-01  | 4,879E-01  | 6,075E-01  | 1,195E-01 | 8,867E+03                        | -8,867E+03 | 8,867E+03   |
| 14                      | 4,030E+04   | 4,340E+04     | 0,000E+00   | 0,000E+00 | 0,000E+00  | 7,418E+04 | 3,751E+04 | 1,023E+04 | 2,727E-01  | 5,757E-01  | 6,075E-01  | 7,176E-01  | 1,101E-01 | 8,169E+03                        | -8,169E+03 | 8,169E+03   |
| 15                      | 4,340E+04   | 4,650E+04     | 4,650E+04   | 2,090E+09 | 9,395E+13  | 7,418E+04 | 3,751E+04 | 1,023E+04 | 5,757E-01  | 8,787E-01  | 7,176E-01  | 8,102E-01  | 9,262E-02 | 6,871E+03                        | -3,963E+04 | 2,286E+05   |
| 16                      | 4,650E+04   | 4,960E+04     | 0,000E+00   | 0,000E+00 | 0,000E+00  | 7,418E+04 | 3,751E+04 | 1,023E+04 | 8,787E-01  | 1,182E+00  | 8,102E-01  | ---        | 1,898E-01 | 1,408E+04                        | -1,408E+04 | 1,408E+04   |
| 021 - numero_pacotes_II |             |               |             |           |            |           |           |           |            |            |            |            |           |                                  |            |             |
| Mínimo                  | 2,000E+00   |               |             |           |            |           |           |           |            |            |            |            |           |                                  |            |             |
| Máximo                  | 6,428E+03   |               |             |           |            |           |           |           |            |            |            |            |           |                                  |            |             |
| Amplitude               | 4,290E+02   |               |             |           |            |           |           |           |            |            |            |            |           |                                  |            |             |
| Análise                 | S           |               |             |           |            |           |           |           |            |            |            |            |           |                                  |            |             |
| Soma SQL                | 7,925E+04   |               |             |           |            |           |           |           |            |            |            |            |           |                                  |            |             |
| Soma Linha (N)          | 7,925E+04   |               |             |           |            |           |           |           |            |            |            |            |           |                                  |            |             |
| Média amostral          | 1,869E+03   |               |             |           |            |           |           |           |            |            |            |            |           |                                  |            |             |
| Somatória fi * Pmi      | 1,482E+08   |               |             |           |            |           |           |           |            |            |            |            |           |                                  |            |             |
| Somatória fi * Pmi      | 6,127E+11   |               |             |           |            |           |           |           |            |            |            |            |           |                                  |            |             |
| Somatória fi * Pmi      | 1,869E+03   |               |             |           |            |           |           |           |            |            |            |            |           |                                  |            |             |
| Desvio padrão amos      | 2,058E+03   |               |             |           |            |           |           |           |            |            |            |            |           |                                  |            |             |
|                         |             |               |             |           |            |           |           |           |            |            |            |            |           | Valor para teste de qui-quadrado | 1,018E+05  |             |
| Num                     | De (aberto) | Até (fechado) | Ocorrências | Fi * Pmi  | Fi * Pmi^2 | N         | Média     | Desvio    | z lim.inf. | z lim.sup. | Norm.z inf | Norm.z sup | Prob      | Esperado                         | Obs - Esp  | (O - e)^2/e |
| 1                       | 0,000E+00   | 4,300E+02     | 3,697E+04   | 7,949E+06 | 1,709E+09  | 7,925E+04 | 1,869E+03 | 2,058E+03 | -9,083E-01 | -6,994E-01 | ---        | 2,422E-01  | 2,422E-01 | 1,919E+04                        | 1,778E+04  | 1,647E+04   |
| 2                       | 4,300E+02   | 8,590E+02     | 1,919E+03   | 1,237E+06 | 7,971E+08  | 7,925E+04 | 1,869E+03 | 2,058E+03 | -6,994E-01 | -4,910E-01 | 2,422E-01  | 3,117E-01  | 6,957E-02 | 5,514E+03                        | -3,595E+03 | 2,344E+03   |
| 3                       | 8,590E+02   | 1,288E+03     | 2,101E+03   | 2,255E+06 | 2,421E+09  | 7,925E+04 | 1,869E+03 | 2,058E+03 | -4,910E-01 | -2,825E-01 | 3,117E-01  | 3,888E-01  | 7,704E-02 | 6,106E+03                        | -4,005E+03 | 2,627E+03   |
| 4                       | 1,288E+03   | 1,717E+03     | 4,650E+03   | 6,987E+06 | 1,050E+10  | 7,925E+04 | 1,869E+03 | 2,058E+03 | -2,825E-01 | -7,409E-02 | 3,888E-01  | 4,705E-01  | 8,170E-02 | 6,475E+03                        | -1,825E+03 | 5,143E+02   |
| 5                       | 1,717E+03   | 2,146E+03     | 5,467E+03   | 1,056E+07 | 2,040E+10  | 7,925E+04 | 1,869E+03 | 2,058E+03 | -7,409E-02 | 1,343E-01  | 4,705E-01  | 5,534E-01  | 8,297E-02 | 6,575E+03                        | -1,108E+03 | 1,868E+02   |
| 6                       | 2,146E+03   | 2,575E+03     | 6,594E+03   | 1,557E+07 | 3,674E+10  | 7,925E+04 | 1,869E+03 | 2,058E+03 | 1,343E-01  | 3,428E-01  | 5,534E-01  | 6,341E-01  | 8,068E-02 | 6,394E+03                        | 1,996E+02  | 6,232E+00   |
| 7                       | 2,575E+03   | 3,004E+03     | 2,628E+03   | 7,331E+06 | 2,045E+10  | 7,925E+04 | 1,869E+03 | 2,058E+03 | 3,428E-01  | 5,512E-01  | 6,341E-01  | 7,093E-01  | 7,514E-02 | 5,955E+03                        | -3,327E+03 | 1,859E+03   |
| 8                       | 3,004E+03   | 3,433E+03     | 3,193E+03   | 1,028E+07 | 3,308E+10  | 7,925E+04 | 1,869E+03 | 2,058E+03 | 5,512E-01  | 7,596E-01  | 7,093E-01  | 7,763E-01  | 6,701E-02 | 5,311E+03                        | -2,118E+03 | 8,446E+02   |
| 9                       | 3,433E+03   | 3,862E+03     | 3,669E+03   | 1,338E+07 | 4,881E+10  | 7,925E+04 | 1,869E+03 | 2,058E+03 | 7,596E-01  | 9,681E-01  | 7,763E-01  | 8,335E-01  | 5,723E-02 | 4,536E+03                        | -8,667E+02 | 1,656E+02   |
| 10                      | 3,862E+03   | 4,291E+03     | 0,000E+00   | 0,000E+00 | 0,000E+00  | 7,925E+04 | 1,869E+03 | 2,058E+03 | 9,681E-01  | 1,177E+00  | 8,335E-01  | 8,803E-01  | 4,681E-02 | 3,710E+03                        | -3,710E+03 | 3,710E+03   |
| 11                      | 4,291E+03   | 4,720E+03     | 0,000E+00   | 0,000E+00 | 0,000E+00  | 7,925E+04 | 1,869E+03 | 2,058E+03 | 1,177E+00  | 1,385E+00  | 8,803E-01  | 9,170E-01  | 3,666E-02 | 2,905E+03                        | -2,905E+03 | 2,905E+03   |
| 12                      | 4,720E+03   | 5,149E+03     | 0,000E+00   | 0,000E+00 | 0,000E+00  | 7,925E+04 | 1,869E+03 | 2,058E+03 | 1,385E+00  | 1,593E+00  | 9,170E-01  | 9,445E-01  | 2,750E-02 | 2,179E+03                        | -2,179E+03 | 2,179E+03   |
| 13                      | 5,149E+03   | 5,578E+03     | 0,000E+00   | 0,000E+00 | 0,000E+00  | 7,925E+04 | 1,869E+03 | 2,058E+03 | 1,593E+00  | 1,802E+00  | 9,445E-01  | 9,642E-01  | 1,975E-02 | 1,565E+03                        | -1,565E+03 | 1,565E+03   |
| 14                      | 5,578E+03   | 6,007E+03     | 5,633E+03   | 3,263E+07 | 1,890E+11  | 7,925E+04 | 1,869E+03 | 2,058E+03 | 1,802E+00  | 2,010E+00  | 9,642E-01  | 9,778E-01  | 1,358E-02 | 1,077E+03                        | 4,556E+03  | 1,928E+04   |
| 15                      | 6,007E+03   | 6,436E+03     | 6,428E+03   | 3,999E+07 | 2,488E+11  | 7,925E+04 | 1,869E+03 | 2,058E+03 | 2,010E+00  | 2,219E+00  | 9,778E-01  | 9,867E-01  | 8,948E-03 | 7,092E+02                        | 5,719E+03  | 4,612E+04   |
| 16                      | 6,436E+03   | 6,865E+03     | 0,000E+00   | 0,000E+00 | 0,000E+00  | 7,925E+04 | 1,869E+03 | 2,058E+03 | 2,219E+00  | 2,427E+00  | 9,867E-01  | ---        | 1,325E-02 | 1,050E+03                        | -1,050E+03 | 1,050E+03   |

| 022 - numero pacotes_IE |             |               |             |           |            |           |           |           |            |            |            |            |           |           |            |                                  |
|-------------------------|-------------|---------------|-------------|-----------|------------|-----------|-----------|-----------|------------|------------|------------|------------|-----------|-----------|------------|----------------------------------|
| Mínimo                  | 0,000E+00   |               |             |           |            |           |           |           |            |            |            |            |           |           |            |                                  |
| Máximo                  | 4,070E+02   |               |             |           |            |           |           |           |            |            |            |            |           |           |            |                                  |
| Amplitude               | 2,800E+01   |               |             |           |            |           |           |           |            |            |            |            |           |           |            |                                  |
| Análise                 | S           |               |             |           |            |           |           |           |            |            |            |            |           |           |            |                                  |
| Soma SQL                | 2,979E+03   |               |             |           |            |           |           |           |            |            |            |            |           |           |            |                                  |
| Soma Linha (N)          | 2,979E+03   |               |             |           |            |           |           |           |            |            |            |            |           |           |            |                                  |
| Média amostral          | 2,320E+02   |               |             |           |            |           |           |           |            |            |            |            |           |           |            |                                  |
| Somatória fi * Pmi      | 6,912E+05   |               |             |           |            |           |           |           |            |            |            |            |           |           |            |                                  |
| Somatória fi * Pmi      | 2,129E+08   |               |             |           |            |           |           |           |            |            |            |            |           |           |            |                                  |
| Somatória fi * Pmi      | 2,320E+02   |               |             |           |            |           |           |           |            |            |            |            |           |           |            |                                  |
| Desvio padrão amos      | 1,328E+02   |               |             |           |            |           |           |           |            |            |            |            |           |           |            |                                  |
|                         |             |               |             |           |            |           |           |           |            |            |            |            |           |           |            | Valor para teste de qui-quadrado |
|                         |             |               |             |           |            |           |           |           |            |            |            |            |           |           |            | 6,066E+03                        |
| 023 - numero pacotes_EI |             |               |             |           |            |           |           |           |            |            |            |            |           |           |            |                                  |
| Mínimo                  | 0,000E+00   |               |             |           |            |           |           |           |            |            |            |            |           |           |            |                                  |
| Máximo                  | 7,350E+03   |               |             |           |            |           |           |           |            |            |            |            |           |           |            |                                  |
| Amplitude               | 4,900E+02   |               |             |           |            |           |           |           |            |            |            |            |           |           |            |                                  |
| Análise                 | S           |               |             |           |            |           |           |           |            |            |            |            |           |           |            |                                  |
| Soma SQL                | 6,227E+04   |               |             |           |            |           |           |           |            |            |            |            |           |           |            |                                  |
| Soma Linha (N)          | 6,227E+04   |               |             |           |            |           |           |           |            |            |            |            |           |           |            |                                  |
| Média amostral          | 4,875E+03   |               |             |           |            |           |           |           |            |            |            |            |           |           |            |                                  |
| Somatória fi * Pmi      | 3,036E+08   |               |             |           |            |           |           |           |            |            |            |            |           |           |            |                                  |
| Somatória fi * Pmi      | 1,641E+12   |               |             |           |            |           |           |           |            |            |            |            |           |           |            |                                  |
| Somatória fi * Pmi      | 4,875E+03   |               |             |           |            |           |           |           |            |            |            |            |           |           |            |                                  |
| Desvio padrão amos      | 1,605E+03   |               |             |           |            |           |           |           |            |            |            |            |           |           |            |                                  |
|                         |             |               |             |           |            |           |           |           |            |            |            |            |           |           |            | Valor para teste de qui-quadrado |
|                         |             |               |             |           |            |           |           |           |            |            |            |            |           |           |            | 4,340E+04                        |
| Num                     | De (aberto) | Até (fechado) | Ocorrências | Fi * Pmi  | Fi * Pmi^2 | N         | Média     | Desvio    | z lim.inf. | z lim.sup. | Norm.z inf | Norm.z sup | Prob      | Esperado  | Obs - Esp  | (O - e)^2/e                      |
| 1                       | 0,000E+00   | 2,800E+01     | 2,480E+02   | 3,472E+03 | 4,861E+04  | 2,979E+03 | 2,320E+02 | 1,328E+02 | -1,747E+00 | -1,536E+00 | ---        | 6,221E-02  | 6,221E-02 | 1,853E+02 | 6,268E+01  | 2,120E+01                        |
| 2                       | 2,800E+01   | 5,600E+01     | 3,900E+01   | 1,638E+03 | 6,880E+04  | 2,979E+03 | 2,320E+02 | 1,328E+02 | -1,536E+00 | -1,326E+00 | 6,221E-02  | 9,248E-02  | 3,027E-02 | 9,018E+01 | -5,118E+01 | 2,905E+01                        |
| 3                       | 5,600E+01   | 8,400E+01     | 3,310E+02   | 2,317E+04 | 1,622E+06  | 2,979E+03 | 2,320E+02 | 1,328E+02 | -1,326E+00 | -1,115E+00 | 9,248E-02  | 1,325E-01  | 3,999E-02 | 1,191E+02 | 2,119E+02  | 3,767E+02                        |
| 4                       | 8,400E+01   | 1,120E+02     | 8,700E+01   | 8,526E+03 | 8,355E+05  | 2,979E+03 | 2,320E+02 | 1,328E+02 | -1,115E+00 | -9,039E-01 | 1,325E-01  | 1,830E-01  | 5,055E-02 | 1,506E+02 | -6,358E+01 | 2,684E+01                        |
| 5                       | 1,120E+02   | 1,400E+02     | 1,180E+02   | 1,487E+04 | 1,873E+06  | 2,979E+03 | 2,320E+02 | 1,328E+02 | -9,039E-01 | -6,931E-01 | 2,441E-01  | 3,148E-01  | 7,070E-02 | 2,106E+02 | 1,024E+02  | 4,979E+01                        |
| 6                       | 1,400E+02   | 1,680E+02     | 3,130E+02   | 4,820E+04 | 7,423E+06  | 2,979E+03 | 2,320E+02 | 1,328E+02 | -6,931E-01 | -4,822E-01 | 2,441E-01  | 3,148E-01  | 7,070E-02 | 2,106E+02 | 1,024E+02  | 4,979E+01                        |
| 7                       | 1,680E+02   | 1,960E+02     | 0,000E+00   | 0,000E+00 | 0,000E+00  | 2,979E+03 | 2,320E+02 | 1,328E+02 | -4,822E-01 | -2,713E-01 | 3,148E-01  | 3,931E-01  | 7,823E-02 | 2,331E+02 | -2,331E+02 | 2,331E+02                        |
| 8                       | 1,960E+02   | 2,240E+02     | 2,230E+02   | 4,683E+04 | 9,834E+06  | 2,979E+03 | 2,320E+02 | 1,328E+02 | -2,713E-01 | -6,048E-02 | 3,931E-01  | 4,759E-01  | 8,282E-02 | 2,467E+02 | -2,372E+01 | 2,281E+00                        |
| 9                       | 2,240E+02   | 2,520E+02     | 2,510E+02   | 5,974E+04 | 1,422E+07  | 2,979E+03 | 2,320E+02 | 1,328E+02 | -6,048E-02 | 1,504E-01  | 4,759E-01  | 5,598E-01  | 8,388E-02 | 2,499E+02 | 1,120E+00  | 5,023E-03                        |
| 10                      | 2,520E+02   | 2,800E+02     | 2,650E+02   | 7,049E+04 | 1,875E+07  | 2,979E+03 | 2,320E+02 | 1,328E+02 | 1,504E-01  | 3,612E-01  | 5,598E-01  | 6,410E-01  | 8,127E-02 | 2,421E+02 | 2,289E+01  | 2,164E+00                        |
| 11                      | 2,800E+02   | 3,080E+02     | 3,030E+02   | 8,908E+04 | 2,619E+07  | 2,979E+03 | 2,320E+02 | 1,328E+02 | 3,612E-01  | 5,721E-01  | 6,410E-01  | 7,164E-01  | 7,533E-02 | 2,244E+02 | 7,858E+01  | 2,752E+01                        |
| 12                      | 3,080E+02   | 3,360E+02     | 0,000E+00   | 0,000E+00 | 0,000E+00  | 2,979E+03 | 2,320E+02 | 1,328E+02 | 5,721E-01  | 7,830E-01  | 7,164E-01  | 7,832E-01  | 6,680E-02 | 1,990E+02 | -1,990E+02 | 1,990E+02                        |
| 13                      | 3,360E+02   | 3,640E+02     | 0,000E+00   | 0,000E+00 | 0,000E+00  | 2,979E+03 | 2,320E+02 | 1,328E+02 | 7,830E-01  | 9,938E-01  | 7,832E-01  | 8,398E-01  | 5,667E-02 | 1,688E+02 | -1,688E+02 | 1,688E+02                        |
| 14                      | 3,640E+02   | 3,920E+02     | 0,000E+00   | 0,000E+00 | 0,000E+00  | 2,979E+03 | 2,320E+02 | 1,328E+02 | 9,938E-01  | 1,205E+00  | 8,398E-01  | 8,858E-01  | 4,599E-02 | 1,370E+02 | -1,370E+02 | 1,370E+02                        |
| 15                      | 3,920E+02   | 4,200E+02     | 8,010E+02   | 3,252E+05 | 1,320E+08  | 2,979E+03 | 2,320E+02 | 1,328E+02 | 1,205E+00  | 1,416E+00  | 8,858E-01  | 9,215E-01  | 3,571E-02 | 1,064E+02 | 6,946E+02  | 4,536E+03                        |
| 16                      | 4,200E+02   | 4,480E+02     | 0,000E+00   | 0,000E+00 | 0,000E+00  | 2,979E+03 | 2,320E+02 | 1,328E+02 | 1,416E+00  | 1,626E+00  | 9,215E-01  | ---        | 7,846E-02 | 2,337E+02 | -2,337E+02 | 2,337E+02                        |
| Num                     | De (aberto) | Até (fechado) | Ocorrências | Fi * Pmi  | Fi * Pmi^2 | N         | Média     | Desvio    | z lim.inf. | z lim.sup. | Norm.z inf | Norm.z sup | Prob      | Esperado  | Obs - Esp  | (O - e)^2/e                      |
| 1                       | 0,000E+00   | 4,900E+02     | 2,142E+03   | 5,248E+05 | 1,286E+08  | 6,227E+04 | 4,875E+03 | 1,605E+03 | -3,037E+00 | -2,732E+00 | ---        | 3,150E-03  | 3,150E-03 | 1,962E+02 | 1,946E+03  | 1,930E+04                        |
| 2                       | 4,900E+02   | 9,800E+02     | 0,000E+00   | 0,000E+00 | 0,000E+00  | 6,227E+04 | 4,875E+03 | 1,605E+03 | -2,732E+00 | -2,426E+00 | 3,150E-03  | 7,623E-03  | 4,473E-03 | 2,785E+02 | -2,785E+02 | 2,785E+02                        |
| 3                       | 9,800E+02   | 1,470E+03     | 0,000E+00   | 0,000E+00 | 0,000E+00  | 6,227E+04 | 4,875E+03 | 1,605E+03 | -2,426E+00 | -2,121E+00 | 7,623E-03  | 1,695E-02  | 9,327E-03 | 5,808E+02 | -5,808E+02 | 5,808E+02                        |
| 4                       | 1,470E+03   | 1,960E+03     | 0,000E+00   | 0,000E+00 | 0,000E+00  | 6,227E+04 | 4,875E+03 | 1,605E+03 | -2,121E+00 | -1,816E+00 | 1,695E-02  | 3,468E-02  | 1,773E-02 | 1,104E+03 | -1,104E+03 | 1,104E+03                        |
| 5                       | 1,960E+03   | 2,450E+03     | 2,298E+03   | 5,067E+06 | 1,117E+10  | 6,227E+04 | 4,875E+03 | 1,605E+03 | -1,816E+00 | -1,511E+00 | 3,468E-02  | 6,542E-02  | 3,074E-02 | 1,914E+03 | 3,840E+02  | 7,702E+01                        |
| 6                       | 2,450E+03   | 2,940E+03     | 0,000E+00   | 0,000E+00 | 0,000E+00  | 6,227E+04 | 4,875E+03 | 1,605E+03 | -1,511E+00 | -1,206E+00 | 6,542E-02  | 1,140E-01  | 4,857E-02 | 3,025E+03 | -3,025E+03 | 3,025E+03                        |
| 7                       | 2,940E+03   | 3,430E+03     | 3,009E+03   | 9,584E+06 | 3,052E+10  | 6,227E+04 | 4,875E+03 | 1,605E+03 | -1,206E+00 | -9,003E-01 | 1,140E-01  | 1,840E-01  | 6,998E-02 | 4,358E+03 | -1,349E+03 | 4,174E+02                        |
| 8                       | 3,430E+03   | 3,920E+03     | 1,080E+04   | 3,970E+07 | 1,459E+11  | 6,227E+04 | 4,875E+03 | 1,605E+03 | -9,003E-01 | -5,951E-01 | 1,840E-01  | 2,759E-01  | 9,191E-02 | 5,724E+03 | 5,079E+03  | 4,508E+03                        |
| 9                       | 3,920E+03   | 4,410E+03     | 8,287E+03   | 3,452E+07 | 1,438E+11  | 6,227E+04 | 4,875E+03 | 1,605E+03 | -5,951E-01 | -2,899E-01 | 2,759E-01  | 3,860E-01  | 1,101E-01 | 6,854E+03 | 1,433E+03  | 2,995E+02                        |
| 10                      | 4,410E+03   | 4,900E+03     | 4,897E+03   | 2,280E+07 | 1,061E+11  | 6,227E+04 | 4,875E+03 | 1,605E+03 | -2,899E-01 | 1,534E-02  | 3,860E-01  | 5,061E-01  | 1,202E-01 | 7,483E+03 | -2,586E+03 | 8,937E+02                        |
| 11                      | 4,900E+03   | 5,390E+03     | 5,327E+03   | 2,741E+07 | 1,410E+11  | 6,227E+04 | 4,875E+03 | 1,605E+03 | 1,534E-02  | 3,206E-01  | 5,061E-01  | 6,257E-01  | 1,196E-01 | 7,448E+03 | -2,121E+03 | 6,042E+02                        |
| 12                      | 5,390E+03   | 5,880E+03     | 5,489E+03   | 3,093E+07 | 1,743E+11  | 6,227E+04 | 4,875E+03 | 1,605E+03 | 3,206E-01  | 6,258E-01  | 6,257E-01  | 7,343E-01  | 1,085E-01 | 6,759E+03 | -1,270E+03 | 2,387E+02                        |
| 13                      | 5,880E+03   | 6,370E+03     | 6,040E+03   | 3,700E+07 | 2,266E+11  | 6,227E+04 | 4,875E+03 | 1,605E+03 | 6,258E-01  | 9,310E-01  | 7,343E-01  | 8,241E-01  | 8,980E-02 | 5,592E+03 | 4,477E+02  | 3,585E+01                        |
| 14                      | 6,370E+03   | 6,860E+03     | 6,630E+03   | 4,386E+07 | 2,901E+11  | 6,227E+04 | 4,875E+03 | 1,605E+03 | 9,310E-01  | 1,236E+00  | 8,241E-01  | 8,918E-01  | 6,774E-02 | 4,218E+03 | 2,412E+03  | 1,379E+03                        |
| 15                      | 6,860E+03   | 7,350E+03     | 7,350E+03   | 5,222E+07 | 3,710E+11  | 6,227E+04 | 4,875E+03 | 1,605E+03 | 1,236E+00  | 1,541E+00  | 8,918E-01  | 9,384E-01  | 4,658E-02 | 2,901E+03 | 4,449E+03  | 6,824E+03                        |
| 16                      | 7,350E+03   | 7,840E+03     | 0,000E+00   | 0,000E+00 | 0,000E+00  | 6,227E+04 | 4,875E+03 | 1,605E+03 | 1,541E+00  | 1,847E+00  | 9,384E-01  | ---        | 6,160E-02 | 3,836E+03 | -3,836E+03 | 3,836E+03                        |

| 024 - numero_pacotes_EE |             |               |             |           |            |           |           |           |            |            |            |            |           |           |            |                                  |
|-------------------------|-------------|---------------|-------------|-----------|------------|-----------|-----------|-----------|------------|------------|------------|------------|-----------|-----------|------------|----------------------------------|
| Mínimo                  | 0,000E+00   |               |             |           |            |           |           |           |            |            |            |            |           |           |            |                                  |
| Máximo                  | 2,080E+02   |               |             |           |            |           |           |           |            |            |            |            |           |           |            |                                  |
| Amplitude               | 1,400E+01   |               |             |           |            |           |           |           |            |            |            |            |           |           |            |                                  |
| Análise                 | S           |               |             |           |            |           |           |           |            |            |            |            |           |           |            |                                  |
| Soma SQL                | 3,440E+02   |               |             |           |            |           |           |           |            |            |            |            |           |           |            |                                  |
| Soma Linha (N)          | 3,440E+02   |               |             |           |            |           |           |           |            |            |            |            |           |           |            |                                  |
| Média amostral          | 1,665E+02   |               |             |           |            |           |           |           |            |            |            |            |           |           |            |                                  |
| Somatória fi * Pmi      | 5,729E+04   |               |             |           |            |           |           |           |            |            |            |            |           |           |            |                                  |
| Somatória fi * Pmi      | 1,036E+07   |               |             |           |            |           |           |           |            |            |            |            |           |           |            |                                  |
| Somatória fi * Pmi      | 1,665E+02   |               |             |           |            |           |           |           |            |            |            |            |           |           |            | Valor para teste de qui-quadrado |
| Desvio padrão amos      | 4,877E+01   |               |             |           |            |           |           |           |            |            |            |            |           |           |            | 2,089E+03                        |
| Num                     | De (aberto) | Até (fechado) | Ocorrências | Fi * Pmi  | Fi * Pmi^2 | N         | Média     | Desvio    | z lim.inf. | z lim.sup. | Norm.z inf | Norm.z sup | Prob      | Esperado  | Obs - Esp  | (O - e)^2/e                      |
| 1                       | 0,000E+00   | 1,400E+01     | 1,000E+01   | 7,000E+01 | 4,900E+02  | 3,440E+02 | 1,665E+02 | 4,877E+01 | -3,415E+00 | -3,128E+00 | ---        | 8,810E-04  | 8,810E-04 | 3,031E-01 | 9,697E+00  | 3,103E+02                        |
| 2                       | 1,400E+01   | 2,800E+01     | 0,000E+00   | 0,000E+00 | 0,000E+00  | 3,440E+02 | 1,665E+02 | 4,877E+01 | -3,128E+00 | -2,841E+00 | 8,810E-04  | 2,251E-03  | 1,370E-03 | 4,714E-01 | -4,714E-01 | 4,714E-01                        |
| 3                       | 2,800E+01   | 4,200E+01     | 0,000E+00   | 0,000E+00 | 0,000E+00  | 3,440E+02 | 1,665E+02 | 4,877E+01 | -2,841E+00 | -2,554E+00 | 2,251E-03  | 5,331E-03  | 3,080E-03 | 1,060E+00 | -1,060E+00 | 1,060E+00                        |
| 4                       | 4,200E+01   | 5,600E+01     | 0,000E+00   | 0,000E+00 | 0,000E+00  | 3,440E+02 | 1,665E+02 | 4,877E+01 | -2,554E+00 | -2,266E+00 | 5,331E-03  | 1,171E-02  | 6,379E-03 | 2,194E+00 | -2,194E+00 | 2,194E+00                        |
| 5                       | 5,600E+01   | 7,000E+01     | 0,000E+00   | 0,000E+00 | 0,000E+00  | 3,440E+02 | 1,665E+02 | 4,877E+01 | -2,266E+00 | -1,979E+00 | 1,171E-02  | 2,388E-02  | 1,217E-02 | 4,188E+00 | -4,188E+00 | 4,188E+00                        |
| 6                       | 7,000E+01   | 8,400E+01     | 0,000E+00   | 0,000E+00 | 0,000E+00  | 3,440E+02 | 1,665E+02 | 4,877E+01 | -1,979E+00 | -1,692E+00 | 2,388E-02  | 4,529E-02  | 2,140E-02 | 7,363E+00 | -7,363E+00 | 7,363E+00                        |
| 7                       | 8,400E+01   | 9,800E+01     | 0,000E+00   | 0,000E+00 | 0,000E+00  | 3,440E+02 | 1,665E+02 | 4,877E+01 | -1,692E+00 | -1,405E+00 | 4,529E-02  | 7,997E-02  | 3,468E-02 | 1,193E+01 | -1,193E+01 | 1,193E+01                        |
| 8                       | 9,800E+01   | 1,120E+02     | 0,000E+00   | 0,000E+00 | 0,000E+00  | 3,440E+02 | 1,665E+02 | 4,877E+01 | -1,405E+00 | -1,118E+00 | 7,997E-02  | 1,317E-01  | 5,177E-02 | 1,781E+01 | -1,781E+01 | 1,781E+01                        |
| 9                       | 1,120E+02   | 1,260E+02     | 1,260E+02   | 1,499E+04 | 1,784E+06  | 3,440E+02 | 1,665E+02 | 4,877E+01 | -1,118E+00 | -8,312E-01 | 1,317E-01  | 2,029E-01  | 7,121E-02 | 2,450E+01 | 1,015E+02  | 4,206E+02                        |
| 10                      | 1,260E+02   | 1,400E+02     | 0,000E+00   | 0,000E+00 | 0,000E+00  | 3,440E+02 | 1,665E+02 | 4,877E+01 | -8,312E-01 | -5,441E-01 | 2,029E-01  | 2,932E-01  | 9,025E-02 | 3,105E+01 | -3,105E+01 | 3,105E+01                        |
| 11                      | 1,400E+02   | 1,540E+02     | 0,000E+00   | 0,000E+00 | 0,000E+00  | 3,440E+02 | 1,665E+02 | 4,877E+01 | -5,441E-01 | -2,570E-01 | 2,932E-01  | 3,986E-01  | 1,054E-01 | 3,625E+01 | -3,625E+01 | 3,625E+01                        |
| 12                      | 1,540E+02   | 1,680E+02     | 0,000E+00   | 0,000E+00 | 0,000E+00  | 3,440E+02 | 1,665E+02 | 4,877E+01 | -2,570E-01 | -2,304E-02 | 3,986E-01  | 5,120E-01  | 1,134E-01 | 3,901E+01 | -3,901E+01 | 3,901E+01                        |
| 13                      | 1,680E+02   | 1,820E+02     | 0,000E+00   | 0,000E+00 | 0,000E+00  | 3,440E+02 | 1,665E+02 | 4,877E+01 | 3,004E-02  | 3,171E-01  | 5,120E-01  | 6,244E-01  | 1,124E-01 | 3,868E+01 | -3,868E+01 | 3,868E+01                        |
| 14                      | 1,820E+02   | 1,960E+02     | 0,000E+00   | 0,000E+00 | 0,000E+00  | 3,440E+02 | 1,665E+02 | 4,877E+01 | 3,171E-01  | 6,042E-01  | 6,244E-01  | 7,271E-01  | 1,027E-01 | 3,533E+01 | -3,533E+01 | 3,533E+01                        |
| 15                      | 1,960E+02   | 2,100E+02     | 2,080E+02   | 4,222E+04 | 8,571E+06  | 3,440E+02 | 1,665E+02 | 4,877E+01 | 6,042E-01  | 8,912E-01  | 7,271E-01  | 8,136E-01  | 8,646E-02 | 2,974E+01 | 1,783E+02  | 1,068E+03                        |
| 16                      | 2,100E+02   | 2,240E+02     | 0,000E+00   | 0,000E+00 | 0,000E+00  | 3,440E+02 | 1,665E+02 | 4,877E+01 | 8,912E-01  | 1,178E+00  | 8,136E-01  | ---        | 1,864E-01 | 6,412E+01 | -6,412E+01 | 6,412E+01                        |
| 025 - numero_fluxos_TCP |             |               |             |           |            |           |           |           |            |            |            |            |           |           |            |                                  |
| Mínimo                  | 0,000E+00   |               |             |           |            |           |           |           |            |            |            |            |           |           |            |                                  |
| Máximo                  | 2,600E+01   |               |             |           |            |           |           |           |            |            |            |            |           |           |            |                                  |
| Amplitude               | 2,000E+00   |               |             |           |            |           |           |           |            |            |            |            |           |           |            |                                  |
| Análise                 | S           |               |             |           |            |           |           |           |            |            |            |            |           |           |            |                                  |
| Soma SQL                | 5,320E+02   |               |             |           |            |           |           |           |            |            |            |            |           |           |            |                                  |
| Soma Linha (N)          | 5,320E+02   |               |             |           |            |           |           |           |            |            |            |            |           |           |            |                                  |
| Média amostral          | 6,188E+00   |               |             |           |            |           |           |           |            |            |            |            |           |           |            |                                  |
| Somatória fi * Pmi      | 3,292E+03   |               |             |           |            |           |           |           |            |            |            |            |           |           |            |                                  |
| Somatória fi * Pmi      | 4,682E+04   |               |             |           |            |           |           |           |            |            |            |            |           |           |            |                                  |
| Somatória fi * Pmi      | 6,188E+00   |               |             |           |            |           |           |           |            |            |            |            |           |           |            | Valor para teste de qui-quadrado |
| Desvio padrão amos      | 7,058E+00   |               |             |           |            |           |           |           |            |            |            |            |           |           |            | 5,673E+02                        |
| Num                     | De (aberto) | Até (fechado) | Ocorrências | Fi * Pmi  | Fi * Pmi^2 | N         | Média     | Desvio    | z lim.inf. | z lim.sup. | Norm.z inf | Norm.z sup | Prob      | Esperado  | Obs - Esp  | (O - e)^2/e                      |
| 1                       | 0,000E+00   | 2,000E+00     | 1,940E+02   | 1,940E+02 | 1,940E+02  | 5,320E+02 | 6,188E+00 | 7,058E+00 | -8,768E-01 | -5,934E-01 | ---        | 2,765E-01  | 2,765E-01 | 1,471E+02 | 4,692E+01  | 1,497E+01                        |
| 2                       | 2,000E+00   | 4,000E+00     | 1,060E+02   | 3,180E+02 | 9,540E+02  | 5,320E+02 | 6,188E+00 | 7,058E+00 | -5,934E-01 | -3,100E-01 | 2,765E-01  | 3,783E-01  | 1,018E-01 | 5,417E+01 | 5,183E+01  | 4,960E+01                        |
| 3                       | 4,000E+00   | 6,000E+00     | 8,100E+01   | 4,050E+02 | 2,025E+03  | 5,320E+02 | 6,188E+00 | 7,058E+00 | -3,100E-01 | -2,663E-02 | 3,783E-01  | 4,894E-01  | 1,111E-01 | 5,911E+01 | 2,189E+01  | 8,110E+00                        |
| 4                       | 6,000E+00   | 8,000E+00     | 3,200E+01   | 2,240E+02 | 1,568E+03  | 5,320E+02 | 6,188E+00 | 7,058E+00 | -2,663E-02 | 2,567E-01  | 4,894E-01  | 6,013E-01  | 1,119E-01 | 5,955E+01 | -2,755E+01 | 1,275E+01                        |
| 5                       | 8,000E+00   | 1,000E+01     | 1,000E+01   | 9,000E+01 | 8,100E+02  | 5,320E+02 | 6,188E+00 | 7,058E+00 | 2,567E-01  | 5,401E-01  | 6,013E-01  | 7,054E-01  | 1,041E-01 | 5,540E+01 | -4,540E+01 | 3,720E+01                        |
| 6                       | 1,000E+01   | 1,200E+01     | 1,100E+01   | 1,210E+02 | 1,331E+03  | 5,320E+02 | 6,188E+00 | 7,058E+00 | 5,401E-01  | 8,235E-01  | 7,054E-01  | 7,949E-01  | 8,945E-02 | 4,758E+01 | -3,658E+01 | 2,813E+01                        |
| 7                       | 1,200E+01   | 1,400E+01     | 1,400E+01   | 1,820E+02 | 2,366E+03  | 5,320E+02 | 6,188E+00 | 7,058E+00 | 8,235E-01  | 1,107E+00  | 7,949E-01  | 8,658E-01  | 7,094E-02 | 3,774E+01 | -2,374E+01 | 1,493E+01                        |
| 8                       | 1,400E+01   | 1,600E+01     | 0,000E+00   | 0,000E+00 | 0,000E+00  | 5,320E+02 | 6,188E+00 | 7,058E+00 | 1,107E+00  | 1,390E+00  | 8,658E-01  | 9,178E-01  | 5,195E-02 | 2,764E+01 | -2,764E+01 | 2,764E+01                        |
| 9                       | 1,600E+01   | 1,800E+01     | 1,800E+01   | 3,060E+02 | 5,202E+03  | 5,320E+02 | 6,188E+00 | 7,058E+00 | 1,390E+00  | 1,674E+00  | 9,178E-01  | 9,529E-01  | 3,512E-02 | 1,869E+01 | -6,859E-01 | 2,518E-02                        |
| 10                      | 1,800E+01   | 2,000E+01     | 1,900E+01   | 3,610E+02 | 6,859E+03  | 5,320E+02 | 6,188E+00 | 7,058E+00 | 1,674E+00  | 1,957E+00  | 9,529E-01  | 9,748E-01  | 2,193E-02 | 1,167E+01 | 7,334E+00  | 4,611E+00                        |
| 11                      | 2,000E+01   | 2,200E+01     | 2,100E+01   | 4,410E+02 | 9,261E+03  | 5,320E+02 | 6,188E+00 | 7,058E+00 | 1,957E+00  | 2,240E+00  | 9,748E-01  | 9,875E-01  | 1,264E-02 | 6,724E+00 | 1,428E+01  | 3,031E+01                        |
| 12                      | 2,200E+01   | 2,400E+01     | 0,000E+00   | 0,000E+00 | 0,000E+00  | 5,320E+02 | 6,188E+00 | 7,058E+00 | 2,240E+00  | 2,524E+00  | 9,875E-01  | 9,942E-01  | 6,727E-03 | 3,579E+00 | -3,579E+00 | 3,579E+00                        |
| 13                      | 2,400E+01   | 2,600E+01     | 2,600E+01   | 6,500E+02 | 1,625E+04  | 5,320E+02 | 6,188E+00 | 7,058E+00 | 2,524E+00  | 2,807E+00  | 9,942E-01  | 9,975E-01  | 3,306E-03 | 1,759E+00 | 2,424E+01  | 3,341E+02                        |
| 14                      | 2,600E+01   | 2,800E+01     | 0,000E+00   | 0,000E+00 | 0,000E+00  | 5,320E+02 | 6,188E+00 | 7,058E+00 | 2,807E+00  | 3,091E+00  | 9,975E-01  | 9,990E-01  | 1,500E-03 | 7,980E-01 | -7,980E-01 | 7,980E-01                        |
| 15                      | 2,800E+01   | 3,000E+01     | 0,000E+00   | 0,000E+00 | 0,000E+00  | 5,320E+02 | 6,188E+00 | 7,058E+00 | 3,091E+00  | 3,374E+00  | 9,990E-01  | 9,996E-01  | 6,284E-04 | 3,343E-01 | -3,343E-01 | 3,343E-01                        |
| 16                      | 3,000E+01   | 3,200E+01     | 0,000E+00   | 0,000E+00 | 0,000E+00  | 5,320E+02 | 6,188E+00 | 7,058E+00 | 3,374E+00  | 3,657E+00  | 9,996E-01  | ---        | 3,706E-04 | 1,971E-01 | -1,971E-01 | 1,971E-01                        |

| =====                   |             |             |             |           |            |           |           |           |            |            |            |            |           |           |                                  |             |
|-------------------------|-------------|-------------|-------------|-----------|------------|-----------|-----------|-----------|------------|------------|------------|------------|-----------|-----------|----------------------------------|-------------|
| 026 - numero_fluxos_UDP |             |             |             |           |            |           |           |           |            |            |            |            |           |           |                                  |             |
| =====                   |             |             |             |           |            |           |           |           |            |            |            |            |           |           |                                  |             |
| Mínimo .....            | 2,000E+00   |             |             |           |            |           |           |           |            |            |            |            |           |           |                                  |             |
| Máximo .....            | 5,800E+01   |             |             |           |            |           |           |           |            |            |            |            |           |           |                                  |             |
| Amplitude .....         | 4,000E+00   |             |             |           |            |           |           |           |            |            |            |            |           |           |                                  |             |
| Analise .....           | S           |             |             |           |            |           |           |           |            |            |            |            |           |           |                                  |             |
| Soma SQL .....          | 9,981E+03   |             |             |           |            |           |           |           |            |            |            |            |           |           |                                  |             |
| Soma Linha (N) ..       | 9,981E+03   |             |             |           |            |           |           |           |            |            |            |            |           |           |                                  |             |
| Média amostral ..       | 1,459E+01   |             |             |           |            |           |           |           |            |            |            |            |           |           |                                  |             |
| Somatória fi * Pmi      | 1,456E+05   |             |             |           |            |           |           |           |            |            |            |            |           |           |                                  |             |
| Somatória fi * Pmi      | 3,204E+06   |             |             |           |            |           |           |           |            |            |            |            |           |           |                                  |             |
| Somatória fi * Pmi      | 1,459E+01   |             |             |           |            |           |           |           |            |            |            |            |           |           |                                  |             |
| Desvio padrão amos      | 1,040E+01   |             |             |           |            |           |           |           |            |            |            |            |           |           |                                  |             |
|                         |             |             |             |           |            |           |           |           |            |            |            |            |           |           | Valor para teste de qui-quadrado | 2,272E+04   |
| =====                   |             |             |             |           |            |           |           |           |            |            |            |            |           |           |                                  |             |
| Num                     | De (aberto) | Até (fechad | Ocorrências | Fi * Pmi  | Fi * Pmi^2 | N         | Média     | Desvio    | z lim.inf. | z lim.sup. | Norm.z inf | Norm.z sup | Prob      | Esperado  | Obs - Esp                        | (O - e)^2/e |
| 1                       | 0,000E+00   | 5,000E+00   | 1,525E+03   | 3,813E+03 | 9,531E+03  | 9,981E+03 | 1,459E+01 | 1,040E+01 | -1,402E+00 | -9,214E-01 | ---        | 1,784E-01  | 1,784E-01 | 1,781E+03 | -2,559E+02                       | 3,676E+01   |
| 2                       | 5,000E+00   | 9,000E+00   | 2,367E+03   | 1,657E+04 | 1,160E+05  | 9,981E+03 | 1,459E+01 | 1,040E+01 | -9,214E-01 | -5,369E-01 | 1,784E-01  | 2,957E-01  | 1,172E-01 | 1,170E+03 | 1,197E+03                        | 1,224E+03   |
| 3                       | 9,000E+00   | 1,300E+01   | 9,360E+02   | 1,030E+04 | 1,133E+05  | 9,981E+03 | 1,459E+01 | 1,040E+01 | -5,369E-01 | -1,525E-01 | 2,957E-01  | 4,394E-01  | 1,438E-01 | 1,435E+03 | -4,988E+02                       | 1,734E+02   |
| 4                       | 1,300E+01   | 1,700E+01   | 1,522E+03   | 2,283E+04 | 3,425E+05  | 9,981E+03 | 1,459E+01 | 1,040E+01 | -1,525E-01 | 2,320E-01  | 4,394E-01  | 5,917E-01  | 1,523E-01 | 1,520E+03 | 1,699E+00                        | 1,898E-03   |
| 5                       | 1,700E+01   | 2,100E+01   | 1,621E+03   | 3,080E+04 | 5,852E+05  | 9,981E+03 | 1,459E+01 | 1,040E+01 | 2,320E-01  | 6,165E-01  | 5,917E-01  | 7,312E-01  | 1,395E-01 | 1,392E+03 | 2,289E+02                        | 3,764E+01   |
| 6                       | 2,100E+01   | 2,500E+01   | 8,560E+02   | 1,969E+04 | 4,528E+05  | 9,981E+03 | 1,459E+01 | 1,040E+01 | 6,165E-01  | 1,001E+00  | 7,312E-01  | 8,416E-01  | 1,104E-01 | 1,102E+03 | -2,455E+02                       | 5,473E+01   |
| 7                       | 2,500E+01   | 2,900E+01   | 2,490E+02   | 6,723E+03 | 1,815E+05  | 9,981E+03 | 1,459E+01 | 1,040E+01 | 1,001E+00  | 1,385E+00  | 8,416E-01  | 9,170E-01  | 7,546E-02 | 7,532E+02 | -5,042E+02                       | 3,375E+02   |
| 8                       | 2,900E+01   | 3,300E+01   | 2,870E+02   | 8,897E+03 | 2,758E+05  | 9,981E+03 | 1,459E+01 | 1,040E+01 | 1,385E+00  | 1,770E+00  | 9,170E-01  | 9,616E-01  | 4,459E-02 | 4,451E+02 | -1,581E+02                       | 5,613E+01   |
| 9                       | 3,300E+01   | 3,700E+01   | 1,770E+02   | 6,195E+03 | 2,168E+05  | 9,981E+03 | 1,459E+01 | 1,040E+01 | 1,770E+00  | 2,154E+00  | 9,616E-01  | 9,844E-01  | 2,277E-02 | 2,272E+02 | -5,025E+01                       | 1,111E+01   |
| 10                      | 3,700E+01   | 4,100E+01   | 2,350E+02   | 9,165E+03 | 3,574E+05  | 9,981E+03 | 1,459E+01 | 1,040E+01 | 2,154E+00  | 2,539E+00  | 9,844E-01  | 9,944E-01  | 1,005E-02 | 1,003E+02 | 1,347E+02                        | 1,811E+02   |
| 11                      | 4,100E+01   | 4,500E+01   | 4,500E+01   | 1,935E+03 | 8,321E+04  | 9,981E+03 | 1,459E+01 | 1,040E+01 | 2,539E+00  | 2,923E+00  | 9,944E-01  | 9,983E-01  | 3,830E-03 | 3,823E+01 | 6,773E+00                        | 1,200E+00   |
| 12                      | 4,500E+01   | 4,900E+01   | 0,000E+00   | 0,000E+00 | 0,000E+00  | 9,981E+03 | 1,459E+01 | 1,040E+01 | 2,923E+00  | 3,308E+00  | 9,983E-01  | 9,995E-01  | 1,262E-03 | 1,259E+01 | -1,259E+01                       | 1,259E+01   |
| 13                      | 4,900E+01   | 5,300E+01   | 1,030E+02   | 5,253E+03 | 2,679E+05  | 9,981E+03 | 1,459E+01 | 1,040E+01 | 3,308E+00  | 3,692E+00  | 9,995E-01  | 9,999E-01  | 3,592E-04 | 3,585E+00 | 9,942E+01                        | 2,757E+03   |
| 14                      | 5,300E+01   | 5,700E+01   | 0,000E+00   | 0,000E+00 | 0,000E+00  | 9,981E+03 | 1,459E+01 | 1,040E+01 | 3,692E+00  | 4,077E+00  | 9,999E-01  | 1,000E+00  | 8,835E-05 | 8,818E-01 | -8,818E-01                       | 8,818E-01   |
| 15                      | 5,700E+01   | 6,100E+01   | 5,800E+01   | 3,422E+03 | 2,019E+05  | 9,981E+03 | 1,459E+01 | 1,040E+01 | 4,077E+00  | 4,461E+00  | 1,000E+00  | 1,000E+00  | 1,878E-05 | 1,874E-01 | 5,781E+01                        | 1,783E+04   |
| 16                      | 6,100E+01   | 6,500E+01   | 0,000E+00   | 0,000E+00 | 0,000E+00  | 9,981E+03 | 1,459E+01 | 1,040E+01 | 4,461E+00  | 4,846E+00  | 1,000E+00  | ---        | 4,081E-06 | 4,073E-02 | -4,073E-02                       | 4,073E-02   |
| =====                   |             |             |             |           |            |           |           |           |            |            |            |            |           |           |                                  |             |

| Verificação de Normalidade pelo Teste Qui-Quadrado |                            | Dados adicionais: 16 classes; estimados 2 parâmetros - média e variância; 16 - 1 - 2 = 13 gra |          |          |          |              |              |            |            |             |
|--|----------------------------|---|----------|----------|----------|--------------|--------------|------------|------------|-------------|
| Amostra  | Parâmetro                  | Total   | Mínimo   | Máximo   | Média    | Desv. Padrão | Qui-Quadrado | Limite QQ2 | Normal     | Status      |
| 1a. Média  |                            |   |          |          |          |              |              |            |            |             |
|  | 004 - numero_fluxos        | 4,76E+05  | 1,84E+02 | 1,57E+03 | 7,79E+02 | 3,70E+02     | 2,38E+05     | 2,24E+01   | Não Normal | -           |
|  | 005 - numero_bytes         | 8,47E+09  | 6,50E+05 | 1,46E+08 | 3,10E+07 | 3,45E+07     | 1,18E+10     | 2,24E+01   | Não Normal | -           |
|  | 006 - numero_pacotes       | 1,92E+07  | 4,99E+03 | 1,74E+05 | 4,53E+04 | 3,55E+04     | 1,64E+07     | 2,24E+01   | Não Normal | -           |
|  | 007 - numero_fluxos_IP     | 4,65E+05  | 1,72E+02 | 1,56E+03 | 7,69E+02 | 3,68E+02     | 2,25E+05     | 2,24E+01   | Não Normal | -           |
|  | 008 - numero_bytes_IP_fd   | 2,67E+09  | 3,64E+05 | 1,05E+08 | 2,09E+07 | 3,14E+07     | 3,57E+09     | 2,24E+01   | Não Normal | -           |
|  | 009 - numero_bytes_IP_df   | 5,58E+09  | 2,16E+05 | 1,39E+08 | 2,29E+07 | 2,97E+07     | 7,54E+10     | 2,24E+01   | Não Normal | -           |
|  | 010 - numero_pacotes_IP_fd | 9,80E+06  | 3,17E+03 | 1,03E+05 | 2,21E+04 | 1,88E+04     | 1,09E+08     | 2,24E+01   | Não Normal | -           |
|  | 011 - numero_pacotes_IP_df | 8,74E+06  | 1,41E+03 | 9,99E+04 | 2,40E+04 | 1,95E+04     | 2,16E+07     | 2,24E+01   | Não Normal | -           |
|  | 012 - numero_fluxos_NIP    | 1,09E+04  | 9,00E+00 | 1,80E+01 | 1,40E+01 | 1,41E+00     | 1,24E+03     | 2,24E+01   | Não Normal | -           |
|  | 013 - numero_fluxos_II     | 2,85E+05  | 1,22E+02 | 8,85E+02 | 4,56E+02 | 2,17E+02     | 1,90E+05     | 2,24E+01   | Não Normal | -           |
|  | 014 - numero_fluxos_IE     | 1,55E+05  | 3,80E+01 | 5,88E+02 | 2,82E+02 | 1,44E+02     | 2,47E+04     | 2,24E+01   | Não Normal | -           |
|  | 015 - numero_fluxos_EI     | 1,78E+04  | 1,00E+00 | 1,25E+02 | 3,66E+01 | 2,03E+01     | 3,85E+04     | 2,24E+01   | Não Normal | -           |
|  | 016 - numero_fluxos_EE     | 6,44E+03  | 3,00E+00 | 3,70E+01 | 1,20E+01 | 7,11E+00     | 4,71E+03     | 2,24E+01   | Não Normal | -           |
|  | 017 - numero_bytes_II      | 6,00E+09  | 5,72E+05 | 1,45E+08 | 3,41E+07 | 3,83E+07     | 6,56E+09     | 2,24E+01   | Não Normal | -           |
|  | 018 - numero_bytes_IE      | 1,80E+09  | 2,42E+04 | 2,01E+07 | 4,87E+06 | 4,05E+06     | 3,43E+09     | 2,24E+01   | Não Normal | -           |
|  | 019 - numero_bytes_EI      | 4,32E+08  | 5,13E+02 | 4,98E+06 | 1,74E+06 | 1,20E+06     | 9,95E+07     | 2,24E+01   | Não Normal | -           |
|  | 020 - numero_bytes_EE      | 9,24E+06  | 2,02E+03 | 8,36E+05 | 2,95E+05 | 3,12E+05     | 1,05E+07     | 2,24E+01   | Não Normal | -           |
|  | 021 - numero_pacotes_II    | 1,44E+07  | 4,10E+03 | 1,66E+05 | 4,31E+04 | 3,62E+04     | 1,13E+07     | 2,24E+01   | Não Normal | -           |
|  | 022 - numero_pacotes_IE    | 3,44E+06  | 3,71E+02 | 3,54E+04 | 7,80E+03 | 6,90E+03     | 1,54E+07     | 2,24E+01   | Não Normal | -           |
|  | 023 - numero_pacotes_EI    | 6,45E+05  | 5,00E+00 | 6,37E+03 | 2,12E+03 | 1,44E+03     | 1,89E+05     | 2,24E+01   | Não Normal | -           |
|  | 024 - numero_pacotes_EE    | 4,06E+04  | 2,70E+01 | 6,96E+02 | 1,05E+02 | 1,61E+02     | 3,63E+05     | 2,24E+01   | Não Normal | -           |
|  | 025 - numero_fluxos_TCP    | 1,09E+05  | 1,40E+01 | 4,82E+02 | 2,15E+02 | 1,14E+02     | 1,00E+04     | 2,24E+01   | Não Normal | -           |
|  | 026 - numero_fluxos_UDP    | 3,07E+05  | 1,16E+02 | 1,14E+03 | 5,04E+02 | 2,47E+02     | 1,75E+05     | 2,24E+01   | Não Normal | -           |
| 2a. Média  |                            |   |          |          |          |              |              |            |            |             |
|  | 004 - numero_fluxos        | 1,78E+06  | 5,00E+01 | 5,21E+03 | 1,80E+03 | 1,41E+03     | 1,46E+06     | 2,24E+01   | Não Normal | -           |
|  | 005 - numero_bytes         | 4,60E+10  | 2,10E+04 | 1,09E+08 | 3,64E+07 | 2,15E+07     | 2,19E+10     | 2,24E+01   | Não Normal | -           |
|  | 006 - numero_pacotes       | 7,17E+07  | 1,89E+02 | 1,30E+05 | 5,15E+04 | 2,44E+04     | 1,37E+07     | 2,24E+01   | Não Normal | -           |
|  | 007 - numero_fluxos_IP     | 1,77E+06  | 4,80E+01 | 5,21E+03 | 1,80E+03 | 1,42E+03     | 1,48E+06     | 2,24E+01   | Não Normal | -           |
|  | 008 - numero_bytes_IP_fd   | 1,79E+10  | 1,49E+04 | 9,14E+07 | 2,23E+07 | 2,01E+07     | 1,39E+10     | 2,24E+01   | Não Normal | -           |
|  | 009 - numero_bytes_IP_df   | 2,81E+10  | 2,07E+03 | 8,12E+07 | 2,18E+07 | 1,25E+07     | 2,79E+11     | 2,24E+01   | Não Normal | -           |
|  | 010 - numero_pacotes_IP_fd | 3,82E+07  | 1,48E+02 | 7,85E+04 | 2,78E+04 | 1,39E+04     | 9,93E+06     | 2,24E+01   | Não Normal | -           |
|  | 011 - numero_pacotes_IP_df | 3,34E+07  | 1,50E+01 | 6,47E+04 | 2,45E+04 | 1,15E+04     | 6,43E+06     | 2,24E+01   | Não Normal | -           |
|  | 012 - numero_fluxos_NIP    | 6,70E+03  | 2,00E+00 | 7,00E+00 | 2,85E+00 | 8,52E-01     | 2,31E+03     | 2,24E+01   | Não Normal | Prejudicada |
|  | 013 - numero_fluxos_II     | 2,91E+05  | 8,00E+00 | 1,84E+03 | 6,79E+02 | 6,17E+02     | 2,85E+05     | 2,24E+01   | Não Normal | -           |
|  | 014 - numero_fluxos_IE     | 1,06E+06  | 1,90E+01 | 3,22E+03 | 1,15E+03 | 8,78E+02     | 7,44E+05     | 2,24E+01   | Não Normal | -           |
|  | 015 - numero_fluxos_EI     | 4,22E+05  | 0,00E+00 | 9,25E+02 | 3,71E+02 | 2,41E+02     | 1,28E+05     | 2,24E+01   | Não Normal | -           |
|  | 016 - numero_fluxos_EE     | 3,54E+02  | 0,00E+00 | 4,00E+00 | 3,42E+00 | 4,32E-01     | 9,90E+06     | 2,24E+01   | Não Normal | Prejudicada |
|  | 017 - numero_bytes_II      | 4,86E+09  | 2,68E+03 | 6,28E+07 | 3,26E+07 | 1,93E+07     | 2,05E+09     | 2,24E+01   | Não Normal | -           |
|  | 018 - numero_bytes_IE      | 2,09E+10  | 7,10E+03 | 6,94E+07 | 1,80E+07 | 1,06E+07     | 4,15E+11     | 2,24E+01   | Não Normal | -           |
|  | 019 - numero_bytes_EI      | 2,02E+10  | 8,60E+01 | 5,54E+07 | 1,70E+07 | 9,76E+06     | 1,50E+10     | 2,24E+01   | Não Normal | -           |
|  | 020 - numero_bytes_EE      | 1,96E+05  | 0,00E+00 | 2,48E+03 | 2,14E+03 | 2,97E+02     | 8,88E+10     | 2,24E+01   | Não Normal | -           |
|  | 021 - numero_pacotes_II    | 6,10E+06  | 1,90E+01 | 6,34E+04 | 2,75E+04 | 2,06E+04     | 3,24E+06     | 2,24E+01   | Não Normal | -           |
|  | 022 - numero_pacotes_IE    | 3,55E+07  | 8,20E+01 | 8,63E+04 | 2,77E+04 | 1,41E+04     | 4,18E+07     | 2,24E+01   | Não Normal | -           |
|  | 023 - numero_pacotes_EI    | 3,00E+07  | 1,00E+00 | 1,05E+05 | 2,41E+04 | 1,28E+04     | 1,10E+11     | 2,24E+01   | Não Normal | -           |
|  | 024 - numero_pacotes_EE    | 1,55E+03  | 0,00E+00 | 2,00E+01 | 1,70E+01 | 2,73E+00     | 3,09E+06     | 2,24E+01   | Não Normal | -           |
|  | 025 - numero_fluxos_TCP    | 1,43E+06  | 2,40E+01 | 4,89E+03 | 1,69E+03 | 1,40E+03     | 1,30E+06     | 2,24E+01   | Não Normal | -           |
|  | 026 - numero_fluxos_UDP    | 2,45E+05  | 1,20E+01 | 9,10E+02 | 1,75E+02 | 1,03E+02     | 5,01E+12     | 2,24E+01   | Não Normal | -           |
| 3a. Amostra  |                            |   |          |          |          |              |              |            |            |             |
|  | 004 - numero_fluxos        | 1,68E+04  | 7,00E+00 | 7,50E+01 | 2,20E+01 | 1,25E+01     | 5,62E+04     | 2,24E+01   | Não Normal | -           |
|  | 005 - numero_bytes         | 7,97E+07  | 6,28E+03 | 6,94E+06 | 3,66E+06 | 2,24E+06     | 4,08E+07     | 2,24E+01   | Não Normal | -           |
|  | 006 - numero_pacotes       | 2,12E+05  | 5,60E+01 | 1,06E+04 | 3,64E+03 | 3,70E+03     | 1,63E+05     | 2,24E+01   | Não Normal | -           |
|  | 007 - numero_fluxos_IP     | 1,06E+04  | 2,00E+00 | 6,90E+01 | 1,62E+01 | 1,24E+01     | 2,11E+04     | 2,24E+01   | Não Normal | -           |
|  | 008 - numero_bytes_IP_fd   | 2,57E+07  | 2,47E+02 | 6,81E+06 | 3,50E+06 | 2,61E+06     | 3,21E+07     | 2,24E+01   | Não Normal | -           |
|  | 009 - numero_bytes_IP_df   | 4,65E+07  | 0,00E+00 | 5,35E+06 | 3,29E+06 | 1,28E+06     | 4,14E+07     | 2,24E+01   | Não Normal | -           |
|  | 010 - numero_pacotes_IP_fd | 8,18E+04  | 2,00E+00 | 4,75E+03 | 1,73E+03 | 1,64E+03     | 1,18E+05     | 2,24E+01   | Não Normal | -           |
|  | 011 - numero_pacotes_IP_df | 6,31E+04  | 0,00E+00 | 6,53E+03 | 3,81E+03 | 1,71E+03     | 4,29E+04     | 2,24E+01   | Não Normal | -           |
|  | 012 - numero_fluxos_NIP    | 6,15E+03  | 5,00E+00 | 1,10E+01 | 6,85E+00 | 1,33E+00     | 3,54E+03     | 2,24E+01   | Não Normal | Prejudicada |
|  | 013 - numero_fluxos_II     | 1,03E+04  | 2,00E+00 | 6,10E+01 | 1,56E+01 | 1,15E+01     | 2,76E+04     | 2,24E+01   | Não Normal | -           |
|  | 014 - numero_fluxos_IE     | 1,50E+02  | 0,00E+00 | 2,60E+01 | 8,73E+00 | 8,60E+00     | 3,08E+02     | 2,24E+01   | Não Normal | -           |
|  | 015 - numero_fluxos_EI     | 1,03E+02  | 0,00E+00 | 7,00E+00 | 2,15E+00 | 1,78E+00     | 6,59E+01     | 2,24E+01   | Não Normal | -           |
|  | 016 - numero_fluxos_EE     | 1,90E+01  | 0,00E+00 | 1,10E+01 | 7,97E+00 | 3,26E+00     | 8,43E+01     | 2,24E+01   | Não Normal | -           |
|  | 017 - numero_bytes_II      | 4,55E+07  | 2,47E+02 | 6,92E+06 | 3,06E+06 | 2,26E+06     | 4,13E+07     | 2,24E+01   | Não Normal | -           |
|  | 018 - numero_bytes_IE      | 1,71E+06  | 0,00E+00 | 3,22E+05 | 1,86E+05 | 9,40E+04     | 2,41E+06     | 2,24E+01   | Não Normal | -           |
|  | 019 - numero_bytes_EI      | 2,50E+07  | 0,00E+00 | 3,05E+06 | 2,06E+06 | 7,09E+05     | 2,85E+07     | 2,24E+01   | Não Normal | -           |
|  | 020 - numero_bytes_EE      | 7,42E+04  | 0,00E+00 | 4,65E+04 | 3,75E+04 | 1,02E+04     | 4,57E+05     | 2,24E+01   | Não Normal | -           |
|  | 021 - numero_pacotes_II    | 7,93E+04  | 2,00E+00 | 6,43E+03 | 1,87E+03 | 2,06E+03     | 1,02E+05     | 2,24E+01   | Não Normal | -           |
|  | 022 - numero_pacotes_IE    | 2,98E+03  | 0,00E+00 | 4,07E+02 | 2,32E+02 | 1,33E+02     | 6,07E+03     | 2,24E+01   | Não Normal | -           |
|  | 023 - numero_pacotes_EI    | 6,23E+04  | 0,00E+00 | 7,35E+03 | 4,88E+03 | 1,61E+03     | 4,34E+04     | 2,24E+01   | Não Normal | -           |
|  | 024 - numero_pacotes_EE    | 3,44E+02  | 0,00E+00 | 2,08E+02 | 1,67E+02 | 4,88E+01     | 2,09E+03     | 2,24E+01   | Não Normal | -           |
|  | 025 - numero_fluxos_TCP    | 5,32E+02  | 0,00E+00 | 2,60E+01 | 6,19E+00 | 7,06E+00     | 5,67E+02     | 2,24E+01   | Não Normal | -           |
|  | 026 - numero fluxos UDP    | 9,98E+03  | 2,00E+00 | 5,80E+01 | 1,46E+01 | 1,04E+01     | 2,27E+04     | 2,24E+01   | Não Normal | -           |