

Таблица 1: Оптимальные k для разных $n(01)$ – отличие от $n(00)$ в 2^x раз

| $n(00)$ | $n(01)$ | k | р двоичная | р десятичная | $\log_2 \frac{1}{P_M(x)}$ | MDL |
|---------|---------|-----|-------------|--------------|---------------------------|---------|
| 1 | 4 | 2 | 0.11 | 0.8 | 3.6601 | 5.6601 |
| 1 | 8 | 2 | 0.11 | 0.8889 | 5.3203 | 7.3203 |
| 1 | 16 | 3 | 0.111 | 0.9412 | 6.0823 | 9.0823 |
| 1 | 32 | 4 | 0.1111 | 0.9697 | 6.9795 | 10.9795 |
| 1 | 64 | 5 | 0.11111 | 0.9846 | 7.9314 | 12.9314 |
| 1 | 128 | 6 | 0.111111 | 0.9922 | 8.9082 | 14.9082 |
| 1 | 256 | 7 | 0.1111111 | 0.9961 | 9.8967 | 16.8967 |
| 1 | 512 | 8 | 0.11111111 | 0.9981 | 10.891 | 18.891 |
| 1 | 1024 | 9 | 0.111111111 | 0.999 | 11.8882 | 20.8882 |

Таблица 2: Оптимальные k для разных $n(01)$ – отличие от $n(00)$ в x раз

| $n(00)$ | $n(01)$ | k | р двоичная | р десятичная | $\log_2 \frac{1}{P_M(x)}$ | MDL |
|---------|---------|-----|--------------|--------------|---------------------------|-------------|
| 100000 | 200000 | 9 | 0.101010101 | 0.6667 | 275489.1627 | 275498.1627 |
| 100000 | 300000 | 2 | 0.11 | 0.75 | 324511.2498 | 324513.2498 |
| 100000 | 400000 | 8 | 0.11001101 | 0.8 | 360965.426 | 360973.426 |
| 100000 | 500000 | 9 | 0.110101011 | 0.8333 | 390014.7766 | 390023.7766 |
| 100000 | 600000 | 9 | 0.110110111 | 0.8571 | 414171.2664 | 414180.2664 |
| 100000 | 700000 | 3 | 0.111 | 0.875 | 434851.5546 | 434854.5546 |
| 100000 | 800000 | 9 | 0.111000111 | 0.8889 | 452932.8105 | 452941.8105 |
| 100000 | 900000 | 9 | 0.111001101 | 0.9 | 468996.8194 | 469005.8194 |
| 100000 | 1000000 | 10 | 0.1110100011 | 0.9091 | 483446.7613 | 483456.7613 |

Таблица 3: Сравнение оптимальных k для разных $n(01)$ по MDL и по логарифму

| $n(00)$ | $n(01)$ | k | p двоичная | p десятичная | $\log_2 \frac{1}{P_{\mathcal{M}}(x)}$ | MDL | k_{log} | $\min \log_2 \frac{1}{P_{\mathcal{M}}(x)}$ |
|---------|---------|-----|--------------|----------------|---------------------------------------|-------------|-----------|--|
| 100000 | 200000 | 9 | 0.101010101 | 0.6667 | 275489.1627 | 275498.1627 | 29 | 275488.7502 |
| 100000 | 300000 | 2 | 0.11 | 0.75 | 324511.2498 | 324513.2498 | 2 | 324511.2498 |
| 100000 | 400000 | 8 | 0.11001101 | 0.8 | 360965.426 | 360973.426 | 26 | 360964.0474 |
| 100000 | 500000 | 9 | 0.110101011 | 0.8333 | 390014.7766 | 390023.7766 | 34 | 390013.453 |
| 100000 | 600000 | 9 | 0.110110111 | 0.8571 | 414171.2664 | 414180.2664 | 31 | 414170.945 |
| 100000 | 700000 | 3 | 0.111 | 0.875 | 434851.5546 | 434854.5546 | 30 | 434851.5546 |
| 100000 | 800000 | 9 | 0.111000111 | 0.8889 | 452932.8105 | 452941.8105 | 27 | 452932.5013 |
| 100000 | 900000 | 9 | 0.111001101 | 0.9 | 468996.8194 | 469005.8194 | 30 | 468995.5936 |
| 100000 | 1000000 | 10 | 0.1110100011 | 0.9091 | 483446.7613 | 483456.7613 | 33 | 483446.6856 |