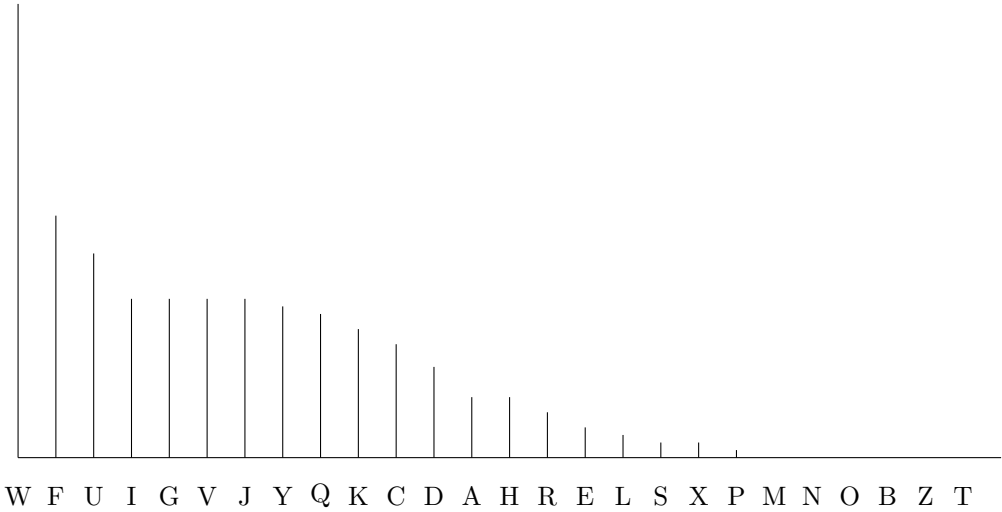
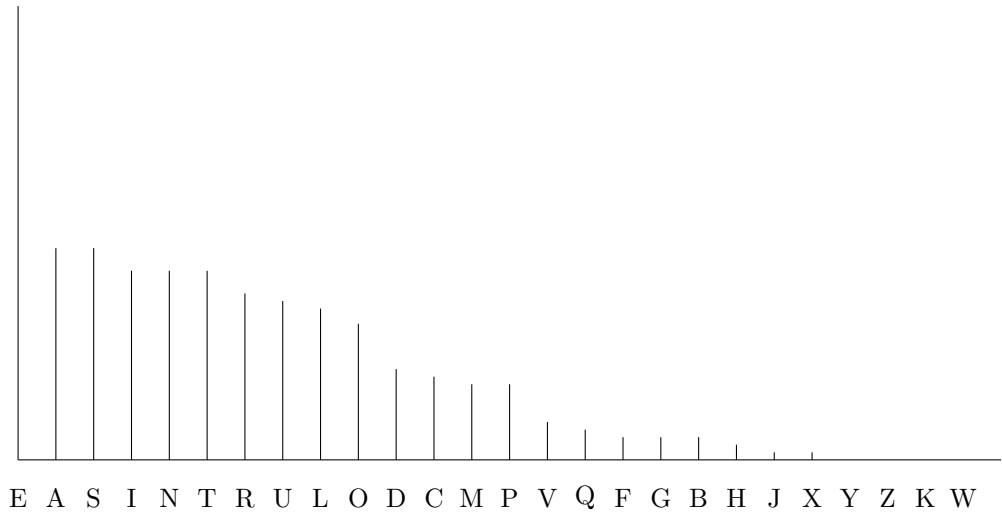


Cryptogrammes/fr-subst-03

Nombre de caractères : 485.

Fréquences :

| | | | | | | | | | | | |
|---|----|-------|--|---|----|------|--|---|---|------|--|
| W | 88 | 18.14 | | K | 25 | 5.15 | | X | 3 | 0.62 | |
| F | 48 | 9.90 | | C | 22 | 4.54 | | P | 2 | 0.41 | |
| U | 41 | 8.45 | | D | 18 | 3.71 | | M | 1 | 0.21 | |
| I | 32 | 6.60 | | A | 12 | 2.47 | | N | 1 | 0.21 | |
| G | 31 | 6.39 | | H | 12 | 2.47 | | O | 1 | 0.21 | |
| V | 31 | 6.39 | | R | 9 | 1.86 | | B | 1 | 0.21 | |
| J | 31 | 6.39 | | E | 7 | 1.44 | | Z | 1 | 0.21 | |
| Y | 30 | 6.19 | | L | 5 | 1.03 | | T | 0 | 0.00 | |
| Q | 29 | 5.98 | | S | 4 | 0.82 | | | | | |



Bigrammes :

| | W | F | U | I | G | V | J | Y | Q | K | C | D | A | H | R | E | L | S | X | P | M | N | O | B | Z | T |
|---|----|----|----|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| W | 4 | 1 | 22 | 9 | 7 | 3 | 8 | 6 | | 6 | 2 | 6 | 3 | 2 | 5 | 2 | 1 | | | | | | | | 1 | |
| F | | | 3 | 3 | 7 | 2 | 7 | 2 | 8 | | | 2 | 2 | 8 | 1 | | | 1 | 1 | 1 | | | | | | |
| U | 9 | 4 | 2 | 1 | 1 | 6 | 1 | 2 | | 7 | 4 | | 3 | | | | | | | | | | | | | |
| I | 6 | 3 | 3 | 2 | 2 | 3 | | 1 | 3 | 5 | 2 | 1 | | | | | | | | | | | 1 | | | |
| G | 8 | 6 | 2 | | 1 | 1 | | 2 | 2 | 1 | 3 | | 1 | | | 2 | | 2 | | | | | | | | |
| V | 9 | 12 | | | | 2 | 3 | 1 | 3 | | 1 | | | | | | | | | | | | | | | |
| J | 10 | 2 | 4 | 5 | | | 1 | 2 | | 2 | 1 | | 2 | | 1 | | 1 | | | | | | | | | |
| Y | 3 | | 1 | 2 | 3 | 2 | 7 | | 3 | 3 | | 1 | 1 | 1 | 1 | | | 1 | 1 | | | | | | | |
| Q | 4 | | 2 | 9 | 2 | 5 | 1 | | 1 | | 1 | 1 | | 1 | | | | | | | 1 | | | 1 | | |
| K | 16 | 3 | | | 1 | | | 4 | 1 | | | | | | | | | | | | | | | | | |
| C | | | | | 1 | 1 | 3 | 7 | 4 | | | 4 | | | | 1 | | | | 1 | | | | | | |
| D | 7 | 3 | | | | | | | 1 | | 1 | 3 | | | 1 | 2 | | | | | | | | | | |
| A | 1 | | | 1 | 1 | 1 | | 2 | 1 | | 2 | | | | | | 3 | | | | | | | | | |
| H | 7 | 3 | | | | | | | | | 2 | | | | | | | | | | | | | | | |
| R | | 6 | 1 | | | 2 | | | | | | | | | | | | | | | | | | | | |
| E | 1 | 1 | 1 | | 4 | | | | | | | | | | | | | | | | | | | | | |
| L | | 2 | | | | | | | 1 | | 2 | | | | | | | | | | | | | | | |
| S | 1 | | | | 1 | 2 | | | | | | | | | | | | | | | | | | | | |
| X | | 1 | | | | 1 | | | | | | | | | | | | | 1 | | | | | | | |
| P | 1 | 1 | | | | | | | | | | | | | | | | | | | | | | | | |
| M | | | | | | | | | | | | | | | | | | | | | | 1 | | | | |
| N | | | | | | | | | 1 | | | | | | | | | | | | | | | | | |
| O | | | | | | | | 1 | | | | | | | | | | | | | | | | | | |
| B | | | | | | | | | | | 1 | | | | | | | | | | | | | | | |
| Z | 1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| T | | | | | | | | | | | | | | | | | | | | | | | | | | |

Bigrammes répétés : DD (3, 0.62), GG (1, 0.21), II (2, 0.41), JJ (1, 0.21), QQ (1, 0.21), UU (2, 0.41), VV (2, 0.41), WW (4, 0.82), XX (1, 0.21).

Motifs abba : [48 : IWWI] [110 : WJJW] [181 : WIIW] [366 : WGGW] [405 : WVVW]

Motifs abab : [208 : DWDW]