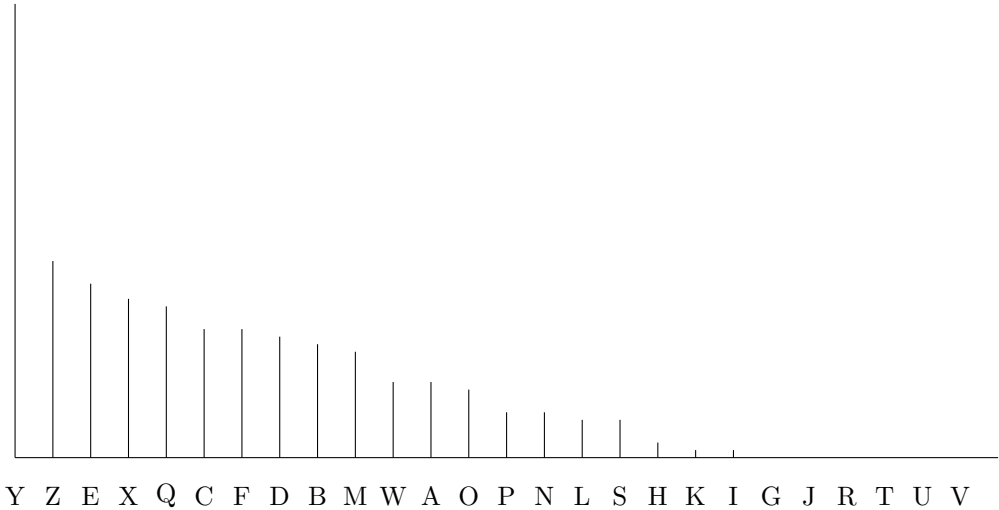
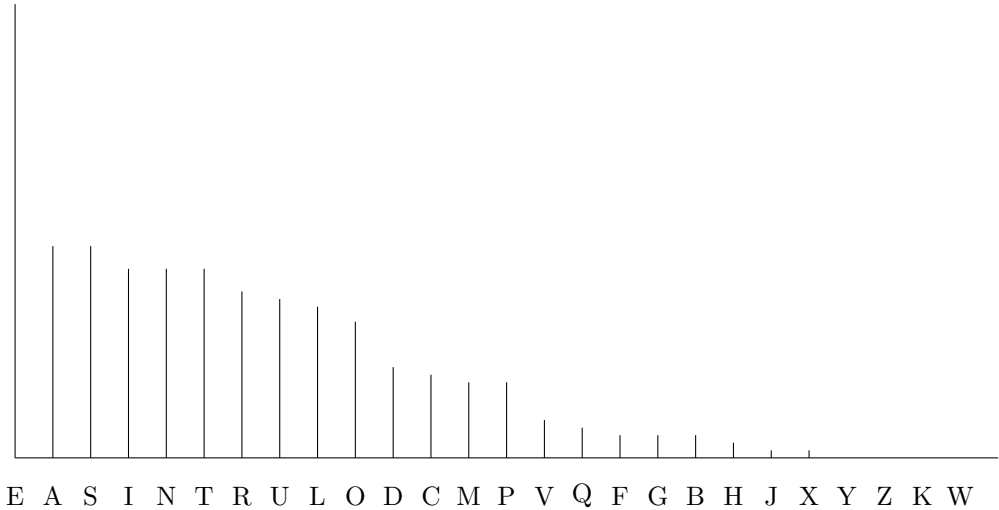


# Cryptogrammes/fr-subst-12

Nombre de caractères : 282.

Fréquences :

<b>Y</b>	58	20.57		<b>M</b>	14	4.96		<b>K</b>	1	0.35	
<b>Z</b>	26	9.22		<b>W</b>	10	3.55		<b>I</b>	1	0.35	
<b>E</b>	23	8.16		<b>A</b>	10	3.55		<b>G</b>	0	0.00	
<b>X</b>	21	7.45		<b>O</b>	9	3.19		<b>J</b>	0	0.00	
<b>Q</b>	20	7.09		<b>P</b>	6	2.13		<b>R</b>	0	0.00	
<b>C</b>	17	6.03		<b>N</b>	6	2.13		<b>T</b>	0	0.00	
<b>F</b>	17	6.03		<b>L</b>	5	1.77		<b>U</b>	0	0.00	
<b>D</b>	16	5.67		<b>S</b>	5	1.77		<b>V</b>	0	0.00	
<b>B</b>	15	5.32		<b>H</b>	2	0.71					



# Bigrammes :

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

**Bigrammes répétés :** BB (1, 0.35), CC (1, 0.35), FF (1, 0.35), NN (1, 0.35), QQ (1, 0.35), WW (1, 0.35), YY (4, 1.42), ZZ (2, 0.71).

Motifs abba : [68 : EZZE] [89 : YQQY] [205 : EZZE]

Motifs abab : [62 : MYMY] [228 : QYQY]