

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z
65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90
0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	0	1	2
68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	65	66	67
D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	A	B	C

ord
-65
+3, mod 26
+65
chr

B A L A I Z E	66	1	4	69	E
	65	0	3	68	D
	76	11	14	79	O
	65	0	3	68	D
	73	8	11	76	L
	90	25	2	67	C
69	4	7	72	H	

-65 +65 chr

+3, mod 26

TABLE DE
CHIFFREMENT

(CÉSAR, +3)

QUARTILES D'UNE DISTRIBUTION

QUANTITATIVE DISCRÈTE

diviser les données en 4 paquets

	X_i	n_i	f_i	$f_i * x_i$
	1	7	0.14	0.14
13	2	6	0.12	0.24
24	3	11	0.22	0.66
36	4	12	0.24	0.96
	5	8	0.16	0.8
	6	6	0.12	0.72
		50		3.52

médiane

1 25 26 50

$$\frac{X_{25} + X_{26}}{2} = \frac{4 + 4}{2}$$

$$= 4$$

1 | 2 | 3 | 4

g_1

g_2

g_3



mediane

1

$\left. \begin{array}{c} 1 \\ \vdots \\ 12 \end{array} \right\} 12$

13

14

$\left. \begin{array}{c} \vdots \\ 25 \end{array} \right\} 12$

$q_1 = x_{13} = 2$

25

$\frac{x_{25} + x_{26}}{2} = q_2$

$q_2 = 4$

26

26

\vdots

\vdots

37

38

39

\vdots

\vdots

50

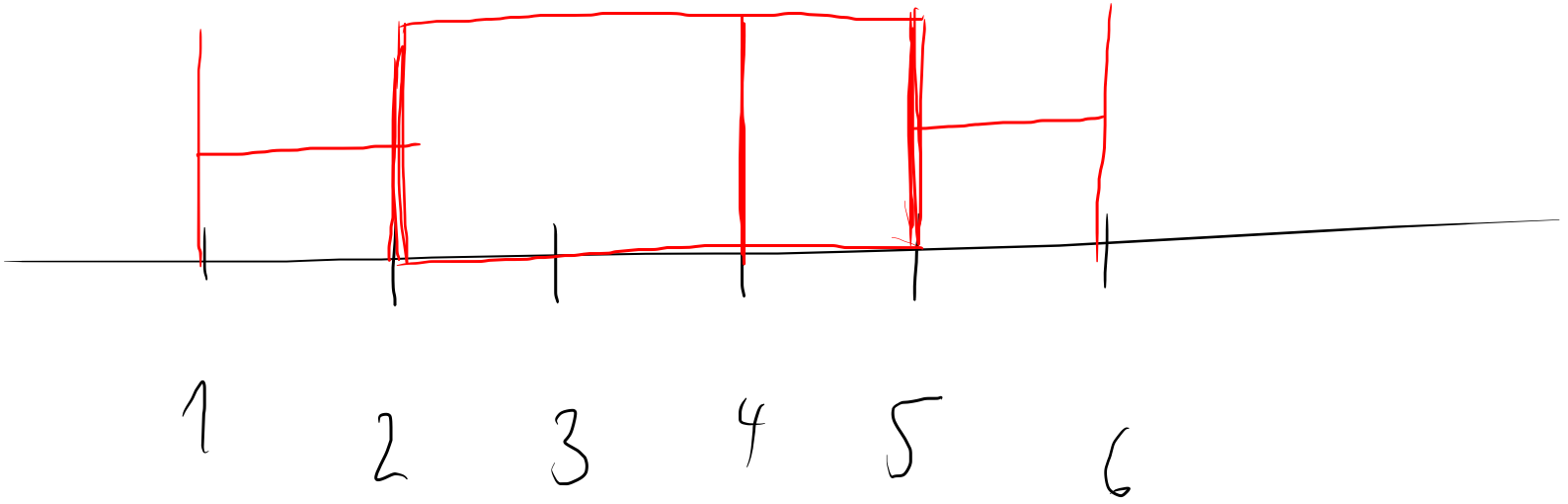
12

$q_3 = x_{38} = 5$

50

BOTTE A' MUSTACHE

g_1 g_2 g_3



klasse: $\sigma \approx 1-2$

familie: $\sigma \approx 30$