

```
/*descriptives for Russian Data*/

libname rus 'C:\1datalap\papers\walls_sork';

proc tabulate data = rus.ruswork1 out= y;
Title 'Russian data';
CLASS occasion;
VAR motiv;
TABLE occasion, motiv * (mean std VAR N nmiss);
RUN;

proc tabulate data = rus.ruswork1 out=x;
Title 'Russian data';
CLASS class1 occasion;
VAR motiv;
TABLE occasion,
class1* motiv *(MEAN std VAR N nmiss);
RUN;

data six; set x;
where class1 = 6;
keep day occasion motiv_mean class1;
run;

data six1; set six;
rename MOTIV_Mean = mot6;
run;

data seven; set x;
where class1 = 7;
keep day occasion motiv_mean class1;
run;

data seven1; set seven;
rename MOTIV_Mean = mot7;
run;

data eight; set x;
where class1 = 8;
```

```
keep day occasion motiv_mean class1;
run;

data eight1; set eight;
rename MOTIV_Mean = mot8;
run;

data all;
set six1;
set seven1;
set eight1;
set y;
run;

symbol i = join;
Proc gplot data = all;
plot (mot6 mot7 mot8) * occasion;
run;

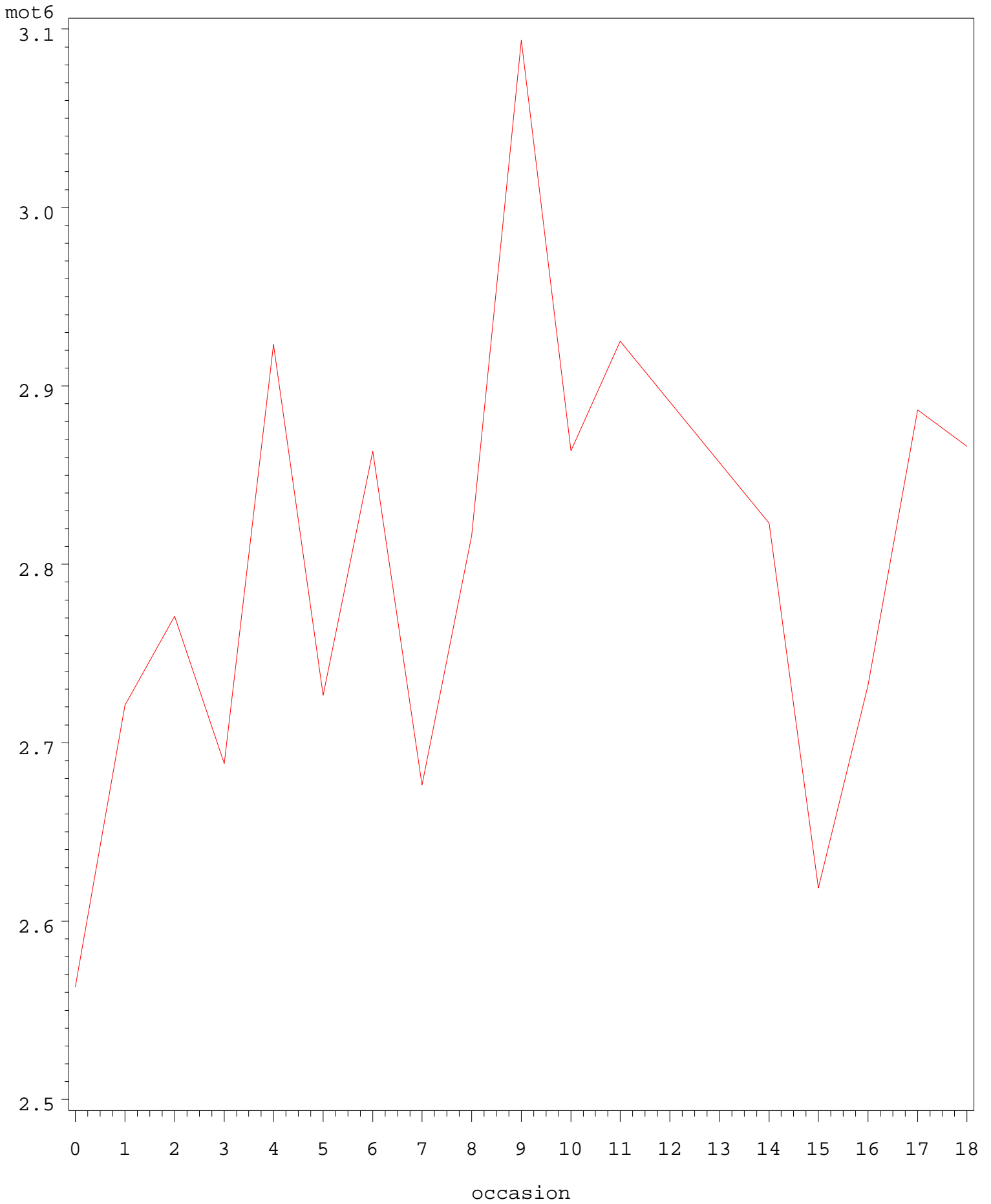
options pagesize=40 linesize=76 pageno=1 nodate;
symbol i = join;

proc plot data=all;
  plot mot6*occasion='+' mot7*occasion='o' mot8*occasion='^'
      / haxis=0 to 19 by 1
      overlay box;
  label mot6='Motivation'
        occasion='Occasion of Measurement';
  title 'Motivation means by class';
run;
```

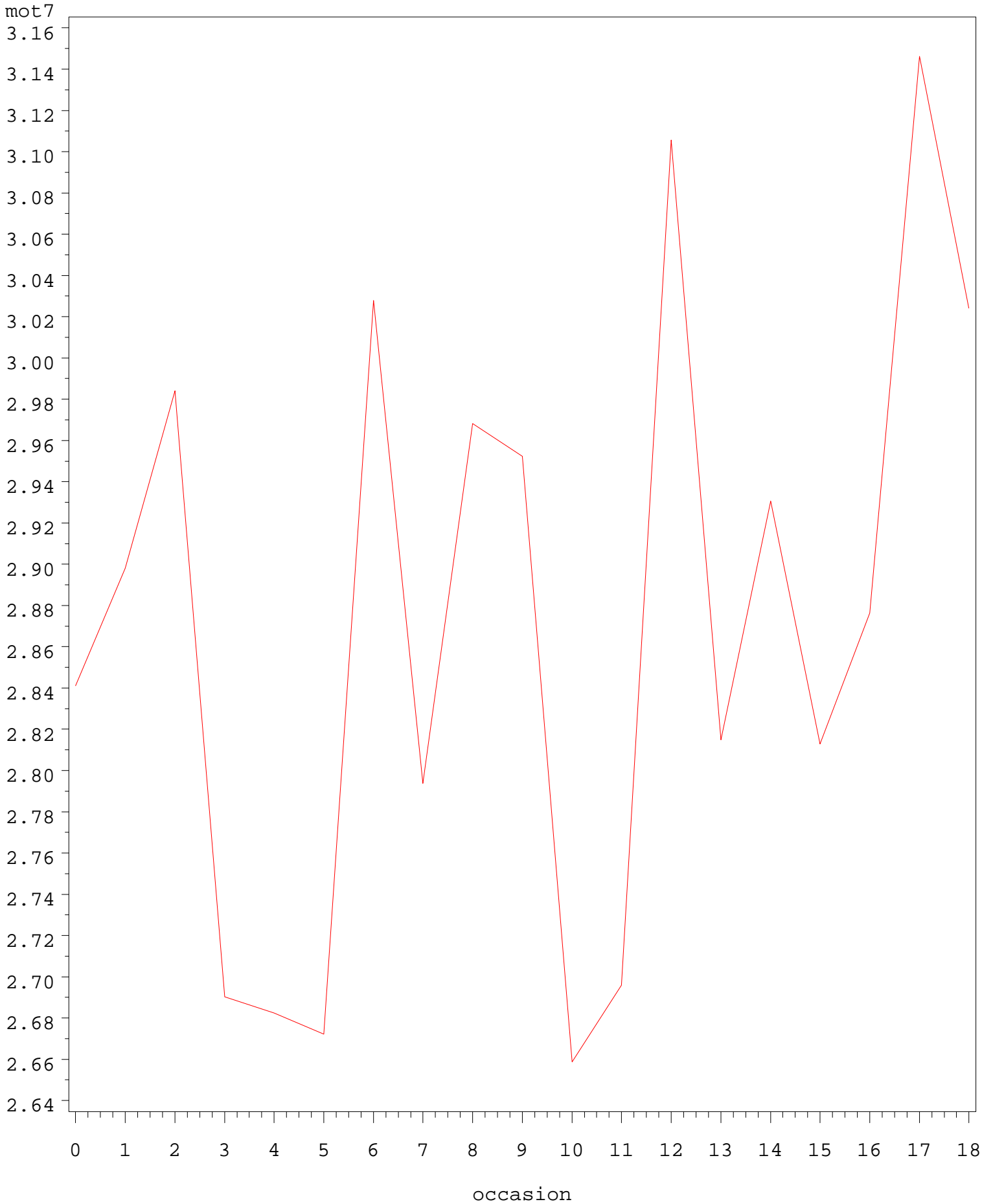
	MOTIV				
	Mean	Std	Var	N	NMiss
occasion					
0	2.63	0.38	0.15	60	13
1	2.78	0.39	0.15	67	6
2	2.79	0.43	0.18	64	9
3	2.72	0.42	0.18	65	8
4	2.74	0.51	0.26	67	6
5	2.68	0.41	0.17	64	9
6	2.76	0.52	0.27	60	13
7	2.64	0.55	0.30	65	8
8	2.74	0.53	0.28	68	5
9	2.93	0.50	0.25	68	5
10	2.76	0.43	0.18	62	11
11	2.75	0.54	0.29	62	11
12	2.83	0.46	0.21	40	33
13	2.73	0.47	0.23	43	30
14	2.81	0.61	0.37	68	5
15	2.66	0.55	0.30	65	8
16	2.76	0.47	0.22	66	7
17	2.93	0.44	0.19	66	7
18	2.86	0.46	0.22	66	7

	class1														
	6					7					8				
	MOTIV					MOTIV					MOTIV				
	Mean	Std	Var	N	NMiss	Mean	Std	Var	N	NMiss	Mean	Std	Var	N	NMiss
occasion															
0	2.56	0.31	0.09	23	5	2.84	0.30	0.09	20	1	2.48	0.47	0.22	17	7
1	2.72	0.43	0.19	25	3	2.90	0.40	0.16	21	0	2.72	0.30	0.09	21	3
2	2.77	0.36	0.13	24	4	2.98	0.32	0.10	21	0	2.60	0.53	0.28	19	5
3	2.69	0.42	0.18	23	5	2.69	0.38	0.15	21	0	2.79	0.47	0.22	21	3
4	2.92	0.37	0.14	25	3	2.68	0.50	0.25	21	0	2.58	0.60	0.35	21	3
5	2.73	0.50	0.25	24	4	2.67	0.39	0.15	20	1	2.63	0.32	0.10	20	4
6	2.86	0.58	0.34	25	3	3.03	0.43	0.19	12	9	2.50	0.39	0.15	23	1
7	2.68	0.72	0.53	23	5	2.79	0.39	0.15	21	0	2.45	0.41	0.17	21	3
8	2.82	0.53	0.28	25	3	2.97	0.32	0.10	21	0	2.43	0.57	0.32	22	2
9	3.09	0.40	0.16	25	3	2.95	0.50	0.25	21	0	2.72	0.54	0.30	22	2
10	2.86	0.47	0.22	22	6	2.66	0.44	0.20	20	1	2.74	0.34	0.12	20	4
11	2.93	0.52	0.27	21	7	2.70	0.63	0.39	19	2	2.63	0.45	0.21	22	2
12	.	.	.	0	28	3.11	0.40	0.16	20	1	2.55	0.32	0.11	20	4
13	.	.	.	0	28	2.81	0.52	0.27	21	0	2.64	0.42	0.18	22	2
14	2.82	0.48	0.23	26	2	2.93	0.70	0.49	21	0	2.66	0.65	0.42	21	3
15	2.62	0.66	0.44	24	4	2.81	0.39	0.15	19	2	2.57	0.53	0.29	22	2
16	2.73	0.43	0.18	25	3	2.88	0.45	0.20	19	2	2.70	0.54	0.29	22	2
17	2.89	0.45	0.20	25	3	3.15	0.32	0.10	19	2	2.80	0.46	0.21	22	2
18	2.87	0.48	0.23	26	2	3.02	0.41	0.16	19	2	2.69	0.45	0.20	21	3

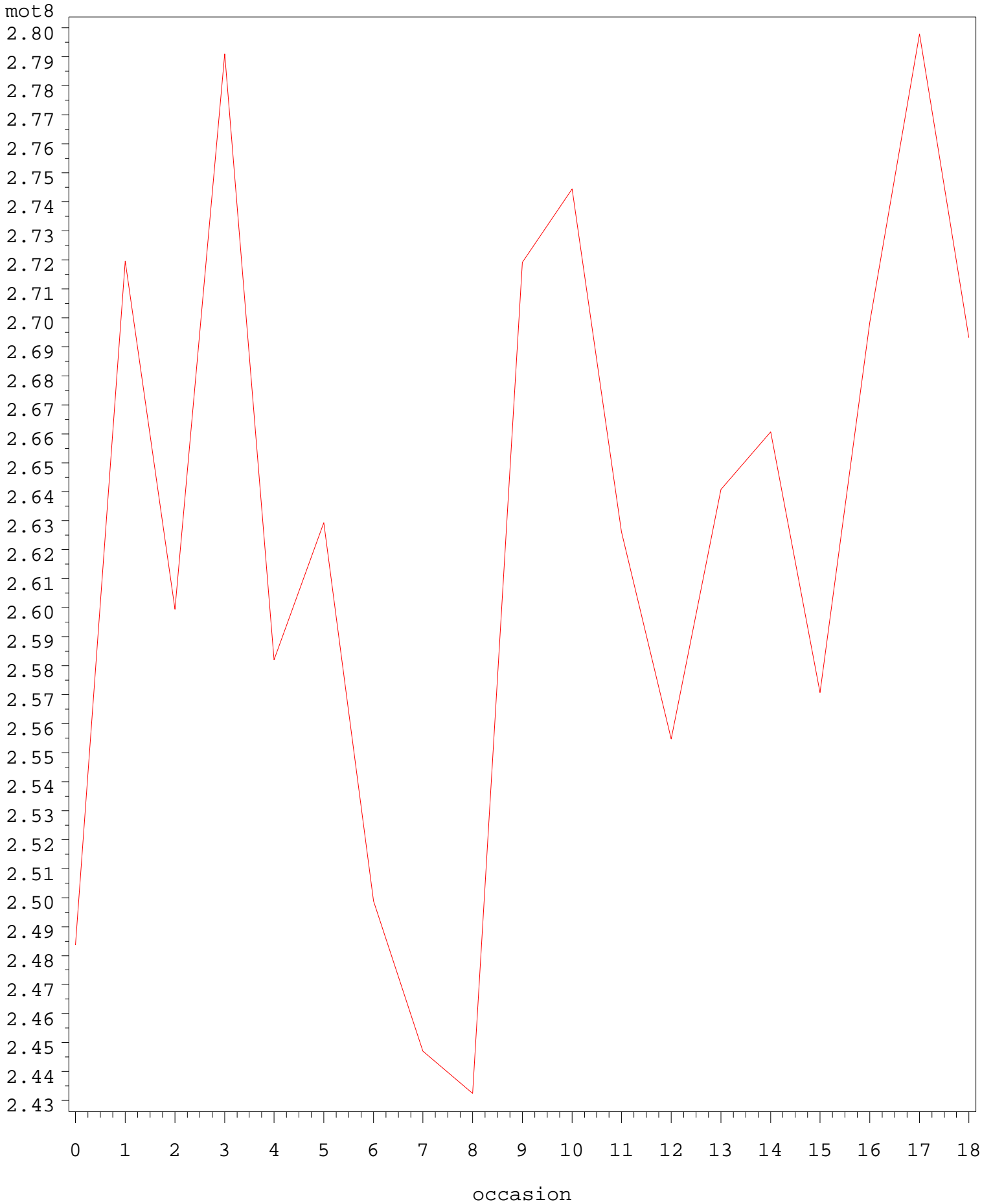
Russian data



Russian data

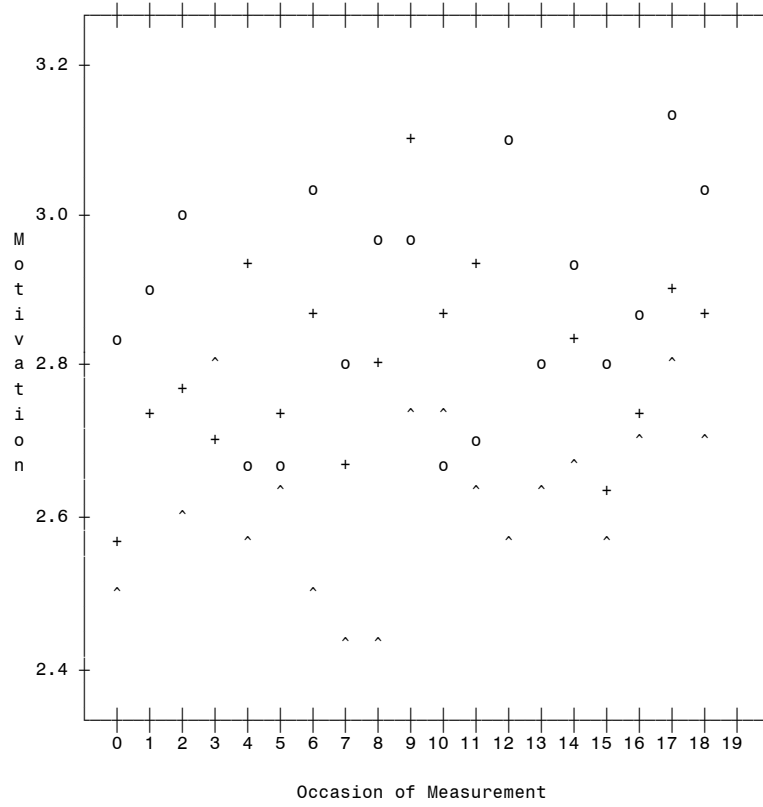


Russian data



Motivation means by class

Plot of mot6*occasion. Symbol used is '+'.
Plot of mot7*occasion. Symbol used is 'o'.
Plot of mot8*occasion. Symbol used is '^'.



NOTE: 2 obs had missing values. 2 obs hidden.