

X	skupina	X2
	10 A	100
	3 B	9
	10 A	100
	3 B	9
	18 A	324
	6 B	36
	12 A	144
	3 B	9
	10 A	100
	0 B	0
	0 A	0
	12 B	144
	12 A	144
	12 B	144
	11 A	121
	14 B	196
	8 A	64
	4.5 B	20.25
	14.5 A	210.25
	4 B	16
	6 A	36
	8 B	64
	7.5 A	56.25
	8 B	64
	6 A	36
	12 B	144
	18 A	324
	2 B	4
	8 A	64
	4 B	16
	12 A	144
	9 B	81
	4 A	16
	3 B	9
	12 A	144
	5 B	25
	22.5 A	506.25
	3 B	9
	12 A	144
	16 B	256
	7 A	49
	10 B	100
	12 A	144
	17 B	289
	10 A	100
	9 B	81
	10 A	100
	13 B	169
	21 A	441
	16 B	256
	5.5 A	30.25
	12 B	144
	15 A	225
	3 B	9
	16 A	256

	sk. A
soucet	681.5
pocet	65
soucet2	8584.75
vyb. prumer	10.48
vyb. rozptyl	22.49
vyb. sm. odchylka	4.74
	S1^2/S2^2
F-test	0.76
int. spol.	0.46
dvouvyberovy t-test	
	M1-M2
	3.27
t-test	3.64
int.spol.	1.49

Závěr: skupiny nebyly stejně obtížr

5 B	25
17 A	289
5 B	25
14 A	196
7 B	49
2 A	4
5 B	25
5 A	25
12 B	144
5 A	25
0 B	0
7 A	49
6 B	36
8 A	64
4 B	16
7 A	49
11 B	121
18.5 A	342.25
12 B	144
11 A	121
24 B	576
12 A	144
0 B	0
3 A	9
4 B	16
9 A	81
10.5 B	110.25
5 A	25
5 B	25
6 A	36
12.5 B	156.25
14.5 A	210.25
3 B	9
17 A	289
13 B	169
11 A	121
0 B	0
9 A	81
0 B	0
15 A	225
21 B	441
10 A	100
14 B	196
15 A	225
7 B	49
14 A	196
3 B	9
10 A	100
7 B	49
11.5 A	132.25
2 B	4
8 A	64
5 B	25
14 A	196
0 B	0
9 A	81

11 B	121
14 A	196
5 B	25
9 A	81
4 B	16
11 A	121
0 B	0
11 A	121
1.5 B	2.25
13 A	169
9.5 B	90.25
8 A	64
14 B	196
15 A	225
5 B	25
1 A	1
2 B	4
2 A	4

sk. B

461.5

64

5202.25

7.21

29.75

5.45

F(0,025,m-1,n-1)

0.61

1.24

připouštíme stejné rozptyly

S*

t(0,975)

vel. int.

5.11

1.98

1.78

5.05

ré

10	10
10	10
18	18
12	12
10	10
0	0
12	12
11	11
8	8
14.5	14.5
6	6
7.5	7.5
6	6
18	18
8	8
12	12
4	4
12	12
22.5	22.5
12	12
7	10
12	17
10	9
10	13
21	16
5.5	12
15	3
16	5
17	5
14	7
2	5
5	12
5	0
7	6
8	4
7	11
18.5	12
11	24
12	0
3	4
9	10.5
5	5
6	12.5
14.5	3
17	13
11	0
9	0
15	21
10	14
15	7
14	3
10	7

Ftest

0.115255 >0,05, proo nezamitame hypotezu o podilu rozptylu

t-test

0.034232 <0,05, proto hypotezu o rovnosti strednich hodnot zamit

11.5	2
8	5
14	0
9	11
14	5
9	4
11	0
11	1.5
13	9.5
8	14
15	5
1	2
2	

am