

X	skupina	X2		sk. A
	10 A	100		
	3 B	9	soucet	681.5
	10 A	100	pocet	65
	3 B	9	soucet2	8584.75
	18 A	324		
	6 B	36	vyb. prumer	10.48
	12 A	144	vyb. rozptyl	22.49
	3 B	9	vyb. sm. odchylka	4.74
	10 A	100		S1^2/S2^2
	0 B	0	F-test	0.76
	0 A	0	int. spol.	0.46
	12 B	144		
	12 A	144	dvouvyberovy t-test	
	12 B	144		M1-M2
	11 A	121		3.27
	14 B	196	t-test	3.64
	8 A	64	int.spol.	1.49
	4.5 B	20.25		
	14.5 A	210.25	Závěr: skupiny nebyly stejně obtížn	
	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		

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

é

7.5	7.8	6.9	8.2	8	7.5	9	7.6	8.1
56.25	60.84	47.61	67.24	64	56.25	81	57.76	65.61

spotreba auta

autobus	0	2	4	-3	2	-4
tramvaj	4	6	3	0	-2	2

rakovina 25.79355

7.9	8.3	86.8	11
62.41	68.89	687.86	

vyb. Prumer	7.890909	
vyb. rozptyl	0.2929	0.292909
vyb. sm. Odchylka	0.541211	

T-kvantil	1.812461	testovana	7.7
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statistika	1.169921
interval pro mu	7.59515

Hypotezu, ze spotreba je 7,7 nezamitame

-3	0	0	5	vyb. Rozptyly
0	1	1	0	9.12
				5.39 1.692784

F kvantil	3.178893
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Ftest	0.222512
2-tailed!	

Tab.

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