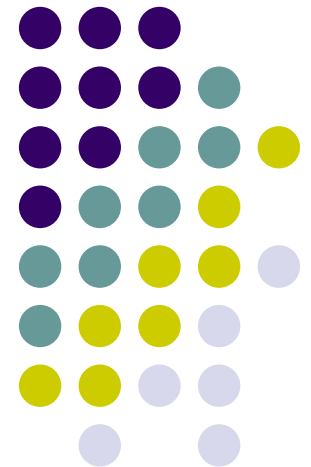
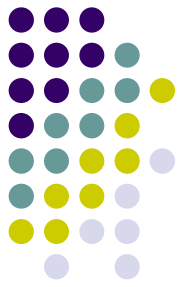


Osnove statistike

5. vježbe





- Pronalaženje podataka
- Korelacija
- Regresijska analiza
- ANOVA

- New Ctrl+N
- Open... Ctrl+O
- Open URL...
- Open Examples...
- Get External Data
- Print Setup...
- 1 prasad.vj.3_5_leuk
- 2 prasad.5.vj.korelac_regres
- 3 KOLOKVIJ
- 4 NK_1_4_sve_obrada
- 5 hi_kvadrat
- 6 REPEATED_eritroc_odred_uredjeni graf
- 7 REPEATED_MAGI_uredjeni graf14
- 8 nenormalno
- 9 eritroblasti svi
- 10 NK_1_4_sve_upisano
- 11 Workbook1
- 12 N_1_4
- 13 WorkbookNK_1
- 14 NK_1_4_sve_upisano
- 15 NK_1_4_SVE_OKOMITO
- 16 prasad.vj.3_leuk
- Exit

Statistica main workspace area with a toolbar at the top containing icons for 'Add to Workbook', 'Add to Report', and help.

Data: prasad.vj.3_5_leuk (5v by 90c)

	1 kod	2 porod.tež(g)	3 tež.21d	4 leukoc.(10 ⁹ /l)	5 ALT															
1	M	800	4200	7,3	70															
2	M	970	5010	12,7	30															
3	M	825	2560	7,8	60															
4	M	985	6500	7,1	40															
5	M	990	6200	11,4	74															
6	M	825	4800	6,2	58															
7	M	995	5000	8,6	39															
8	M	860	5200	4,1	45															
9	M	705	3930	7,8	60															
10	M	805	6000	7,6	41															
11	M	965	5600	9,6	46															
12	M	820	3900	9,2	48															
13	M	960	2690	19,3	38															
14	M	780	3950	20,8	52															
15	M	857	2110	11,8	67															
16	M	798	4800	10,2	50															
17	M	806	4420	7,8	57															
18	M	930	4560	11,9	52															
19	M	906	4740	16,8	51															
20	M	750	4960	31,9	44															
21	M	770	4880	11,5	38															
22	M	840	4320	31,3	61															
23	M	808	3200	11,1	57															
24	M	801	3870	12,1	61															
25	M	925	4100	6,1	44															
26	M	835	4000	15,1	41															
27	M	750	1700	8,9	66															
28	M	825	5400	7,8	39															
29	M	822	3500	11,1	51															

Resume... Ctrl+R Add to Report

ByGroup Analysis

Arial 10

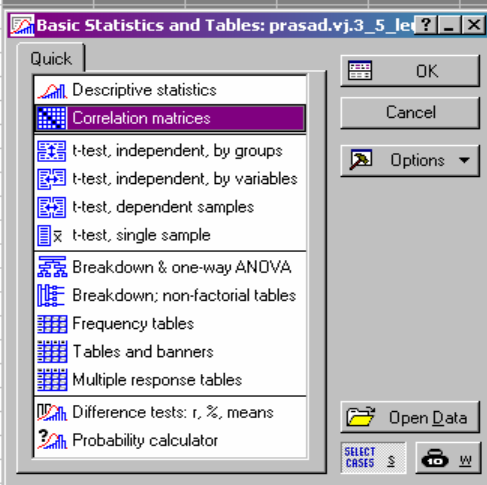
Ctrl+R

Vars Cases

	1	2				
	kod	porod.te				LT
1	M					70
2	M					30
3	M					60
4	M					40
5	M					74
6	M					58
7	M					39
8	M					45
9	M					60
10	M					41
11	M					46
12	M					48
13	M					38
14	M					52
15	M					67
16	M					50
17	M					57
18	M		930	4560	11,9	52
19	M		906	4740	16,8	51
20	M		750	4960	31,9	44
21	M		770	4880	11,5	38
22	M		840	4320	31,3	61
23	M		808	3200	11,1	57
24	M		801	3870	12,1	61
25	M		925	4100	6,1	44
26	M		835	4000	15,1	41
27	M		750	1700	8,9	66
28	M		825	5400	7,8	39
29	M		822	3500	11,1	51
30	M		970	4600	10,2	34
31	S		1225	5900	12,2	40
32	S		1250	5100	7,1	43
33	S		1670	8600	15	51
34	S		1810	7400	32,8	41
35	S		1500	6800	11,9	39
36	S		1645	7030	9,6	40
37	S		1565	7700	6,2	39
38	S		1845	5950	7,2	37
39	S		1375	5000	10,9	54
40	S		1555	6450	5,8	46
41	S		1610	6500	8,2	46
42	S		1325	7100	27,6	41
43	S		1560	6800	8,2	66
44	S		1650	6840	9,7	35
45	S		1655	6060	12,1	30
46	S		1635	5780	13,2	34

- Basic Statistics/Tables
- Multiple Regression
- ANOVA
- Nonparametrics
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- Advanced Linear/Nonlinear Models
- Multivariate Exploratory Techniques
- Industrial Statistics & Six Sigma
- Power Analysis
- Neural Networks
- Data-Mining
- QC Data Mining & Root Cause Analysis
- Text & Document Mining, Web Crawling
- Statistics of Block Data
- STATISTICA Visual Basic
- Probability Calculator

	1	2	3	4	5
	kod	porod.tež(g)	tež.21d	leukoc.(10 ⁹ /l)	ALT
1	M	800	4200	7,3	70
2	M	970	5010	12,7	30
3	M	825	2560	7,8	60
4	M	985	6500	7,1	40
5	M	990	6200	11,4	74
6	M	825	4800	6,2	58
7	M	995	5000	8,6	39
8	M	860	5200	4,1	45
9	M	705	3930	7,8	60
10	M	805	6000	7,6	41
11	M	965	5600	9,6	46
12	M	820	3900	9,2	48
13	M	960	2690	19,3	38
14	M	780	3950	20,8	52
15	M	857	2110	11,8	67
16	M	798	4800	10,2	50
17	M	806	4420	7,8	57
18	M	930	4560	11,9	52
19	M	906	4740	16,8	51
20	M	750	4960	31,9	44
21	M	770	4880	11,5	38
22	M	840	4320	31,3	61
23	M	808	3200	11,1	57
24	M	801	3870	12,1	61
25	M	925	4100	6,1	44
26	M	835	4000	15,1	41
27	M	750	1700	8,9	66
28	M	825	5400	7,8	39
29	M	822	3500	11,1	51
30	M	970	4600	10,2	34
31	S	1225	5900	12,2	40
32	S	1250	5100	7,1	43
33	S	1670	8600	15	51
34	S	1810	7400	32,8	41
35	S	1500	6800	11,9	39
36	S	1645	7030	9,6	40
37	S	1565	7700	6,2	39
38	S	1845	5950	7,2	37
39	S	1375	5000	10,9	54
40	S	1555	6450	5,8	46
41	S	1610	6500	8,2	46
42	S	1325	7100	27,6	41
43	S	1560	6800	8,2	66
44	S	1650	6840	9,7	35
45	S	1655	6060	12,1	30
46	S	1635	5780	13,2	34



	1	2	3	4	5														
	kod	porod.tez(g)	tez.21d	leukoc.(10 ⁹ /l)	ALT														
1	M	800	4200	7,3	70														
2	M	970	5010	12,7	30														
3	M	825	2560	7,8	60														
4	M	985	6500	7,1	40														
5	M	990	6200	11,4	74														
6	M	825	4800	6,2	58														
7	M	995	5000	8,6	39														
8	M	860	5200	4,1	45														
9	M	705	3930	7,8	60														
10	M	805	6000	7,6	41														
11	M	965	5600	9,6															
12	M	820	3900	9,2															
13	M	960	2690	19,3															
14	M	780	3950	20,8															
15	M	857	2110	11,8															
16	M	798	4800	10,2															
17	M	806	4420	7,8															
18	M	930	4560	11,9															
19	M	906	4740	16,8															
20	M	750	4960	31,9															
21	M	770	4880	11,5															
22	M	840	4320	31,3															
23	M	808	3200	11,1															
24	M	801	3870	12,1															
25	M	925	4100	6,1															
26	M	835	4000	15,1															
27	M	750	1700	8,9															
28	M	825	5400	7,8															
29	M	822	3500	11,1															
30	M	970	4600	10,2															
31	S	1225	5900	12,2															
32	S	1250	5100	7,1	43														
33	S	1670	8600	15	51														
34	S	1810	7400	32,8	41														
35	S	1500	6800	11,9	39														
36	S	1645	7030	9,6	40														
37	S	1565	7700	6,2	39														
38	S	1845	5950	7,2	37														
39	S	1375	5000	10,9	54														
40	S	1555	6450	5,8	46														
41	S	1610	6500	8,2	46														
42	S	1325	7100	27,6	41														
43	S	1560	6800	8,2	66														
44	S	1650	6840	9,7	35														
45	S	1655	6060	12,1	30														
46	S	1635	5780	13,2	34														

Product-Moment and Partial Correlations: prasad.vj.3

One variable list | Two lists (rect. matrix) | Summary

First list: none
Second list: none

Quick | Advanced/plot | Options

Summary: Correlation matrix

Scatterplot matrix for selected variables

SELECT CASES: \$ W

Weighted moments
DF =

W1 N1

MD deletion:
 Casewise
 Pairwise

	1 kod	2 porod.tež(g)	3 tež.21d	4 leukoc.(10 ⁹ /l)	5 ALT
1	M	800	4200	7,3	70
2	M	970	5010	12,7	30
3	M	825	2560	7,8	60
4	M	985	6500	7,1	40
5	M	990	6200	11,4	74
6	M	825	4800	6,2	58
7	M	995	5000	8,6	39
8	M	860	5200	4,1	45
9	M	705	3930	7,8	60
10	M	805	6000	7,6	41
11	M	965	5600	9,6	
12	M	820	3900	9,2	
13	M	960	2690	19,3	
14	M	780	3950	20,8	
15	M	857	2110	11,8	
16	M	798	4800	10,2	
17	M	806	4420	7,8	
18	M	930	4560	11,9	
19	M	906	4740	16,8	
20	M	750	4960	31,9	
21	M	770	4880	11,5	
22	M	840	4320	31,3	
23	M	808	3200	11,1	
24	M	801	3870	12,1	
25	M	925	4100	6,1	
26	M	835	4000	15,1	
27	M	750	1700	8,9	
28	M	825	5400	7,8	
29	M	822	3500	11,1	
30	M	970	4600	10,2	
31	S	1225	5900	12,2	
32	S	1250	5100	7,1	
33	S	1670	8600	15	51
34	S	1810	7400	32,8	41
35	S	1500	6800	11,9	39
36	S	1645	7030	9,6	40
37	S	1565	7700	6,2	39
38	S	1845	5950	7,2	37
39	S	1375	5000	10,9	54
40	S	1555	6450	5,8	46
41	S	1610	6500	8,2	46
42	S	1325	7100	27,6	41
43	S	1560	6800	8,2	66
44	S	1650	6840	9,7	35
45	S	1655	6060	12,1	30
46	S	1635	5780	13,2	34

Product-Moment and Partial Correlations: prasad.vj.3

One variable list Two lists (rect. matrix) Summary

Select one or two variable lists

1-kod
2-porod.tež(g)
3-tež.21d
4-leukoc.(109/l)
5-ALT

1-kod
2-porod.tež(g)
3-tež.21d
4-leukoc.(109/l)
5-ALT

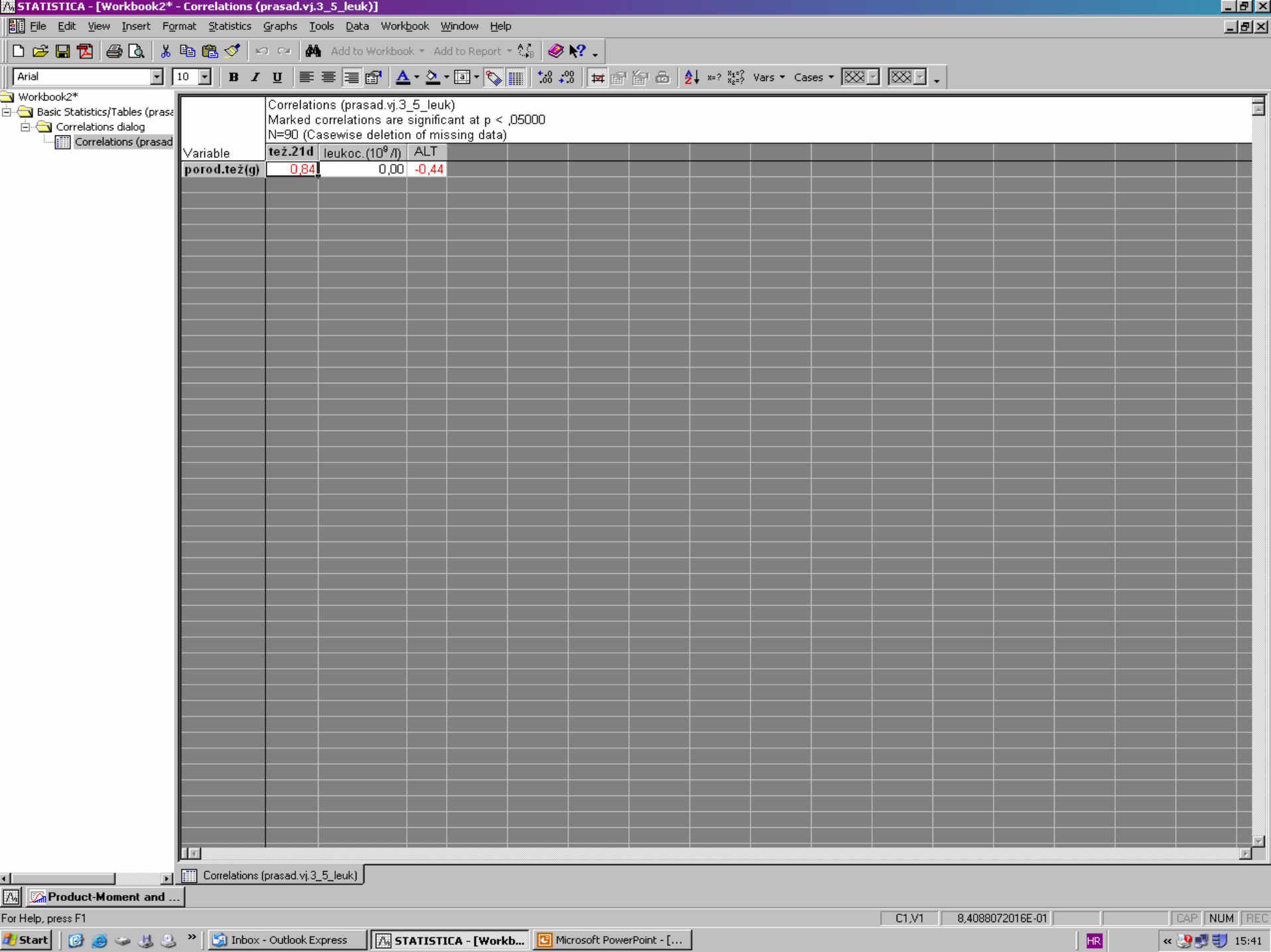
OK Cancel

Select All Spread Zoom Select All Spread Zoom

First variable list: 2

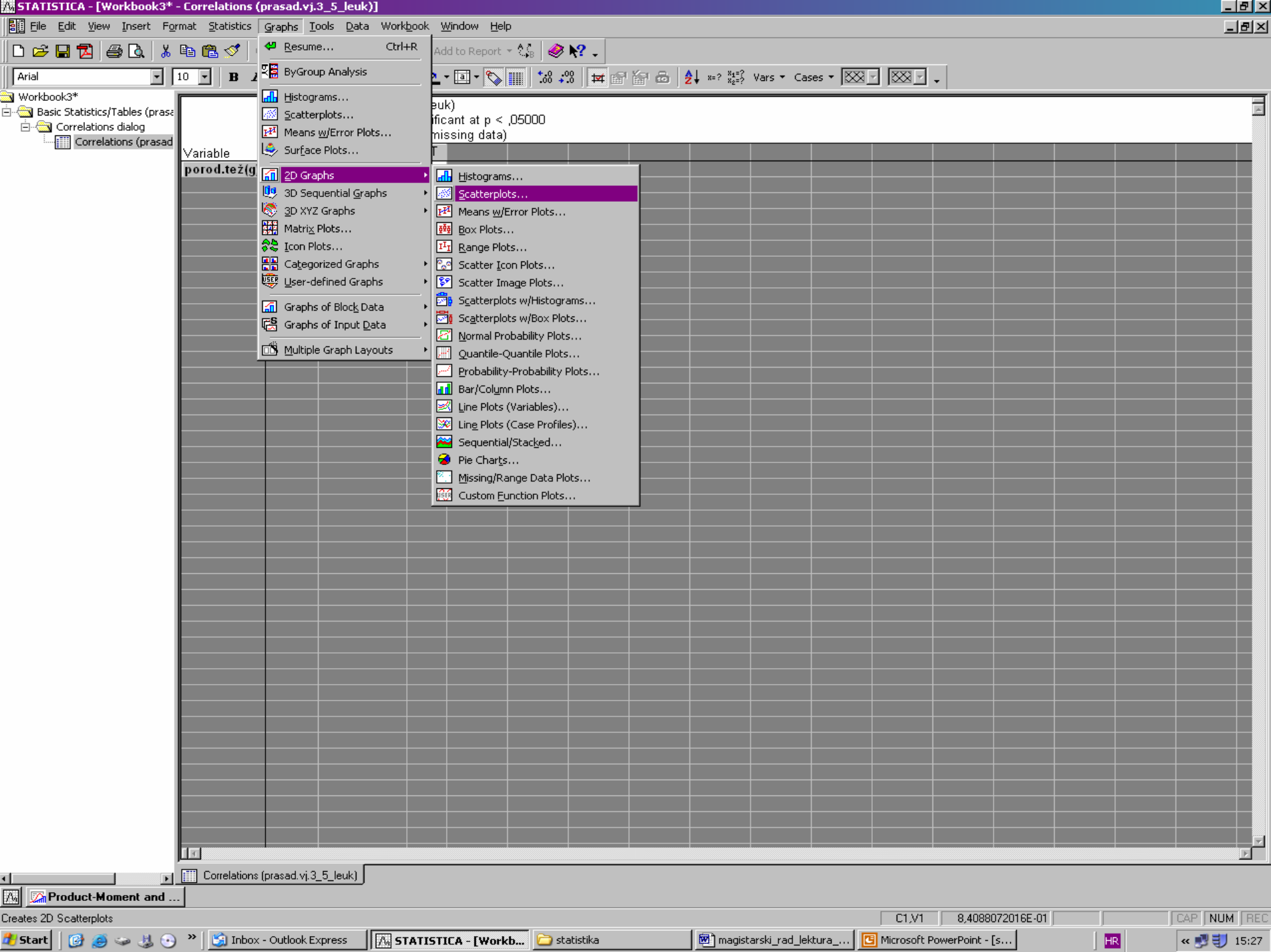
Second variable list (optional): 3-5

Show appropriate variables only



Correlations (prasad.vj.3_5_leuk)
 Marked correlations are significant at $p < .05000$
 N=90 (Casewise deletion of missing data)

Variable	teř.21d	leukoc. (10 ⁹ /l)	ALT
porod.teř(g)	0,84	0,00	-0,44



	1	2	3	4	5															
	kod	porod.tež(g)	tež.21d	leukoc.(10 ⁹ /l)	ALT															
1	M	800	4200	7,3	70															
2	M	970	5010	12,7	30															
3	M	825	2560	7,8	60															
4	M	985	6500	7,1	40															
5	M	990	6200	11,4	74															
6	M	825	4800	6,2	58															
7	M	995	5000	8,6	39															
8	M	860	5200																	
9	M	705	3930																	
10	M	805	6000																	
11	M	965	5600																	
12	M	820	3900																	
13	M	960	2690	1																
14	M	780	3950	2																
15	M	857	2110	1																
16	M	798	4800	1																
17	M	806	4420																	
18	M	930	4560	1																
19	M	906	4740	1																
20	M	750	4960	3																
21	M	770	4880	1																
22	M	840	4320	3																
23	M	808	3200	1																
24	M	801	3870	1																
25	M	925	4100																	
26	M	835	4000	1																
27	M	750	1700																	
28	M	825	5400																	
29	M	822	3500	1																
30	M	970	4600	1																
31	S	1225	5900	1																
32	S	1250	5100																	
33	S	1670	8600																	
34	S	1810	7400	3																
35	S	1500	6800	1																
36	S	1645	7030	5,8	48															
37	S	1565	7700	6,2	39															
38	S	1845	5950	7,2	37															
39	S	1375	5000	10,9	54															
40	S	1555	6450	5,8	46															
41	S	1610	6500	8,2	46															
42	S	1325	7100	27,6	41															
43	S	1560	6800	8,2	66															
44	S	1650	6840	9,7	35															
45	S	1655	6060	12,1	30															
46	S	1635	5780	13,2	34															

2D Scatterplots

Quick | **Advanced** | Appearance | Categorized | Options 1 | Options 2

Variables:

X: none
Y: none

Graph type:

Regular
Multiple

Regression bands:

Off
 Confidence level: .95
 Prediction

Fit type:

Linear

SELECT CASES
 Options
 Updating Auto
 OK Cancel

	1	2	3	4	5																
	kod	porod.tež(g)	tež.21d	leukoc.(10 ⁹ /l)	ALT																
1	M	800	4200	7,3	70																
2	M	970	5010	12,7	30																
3	M	825	2560	7,8	60																
4	M	985	6500	7,1	40																
5	M	990	6200	11,4	74																
6	M	825	4800	6,2	58																
7	M	995	5000	8,6	39																
8	M	860	5200																		
9	M	705	3930																		
10	M	805	6000																		
11	M	965	5600																		
12	M	820	3900																		
13	M	960	2690	1																	
14	M	780	3950	2																	
15	M	857	2110	1																	
16	M	798	4800	1																	
17	M	806	4420																		
18	M	930	4560	1																	
19	M	906	4740	1																	
20	M	750	4960	3																	
21	M	770	4880	1																	
22	M	840	4320	3																	
23	M	808	3200	1																	
24	M	801	3870	1																	
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31	S	1225	5900	1																	
32	S	1250	5100																		
33	S	1670	8600																		
34	S	1810	7400	3																	
35	S	1500	6800	1																	
36	S	1645	7030	5,8	40																
37	S	1565	7700	6,2	39																
38	S	1845	5950	7,2	37																
39	S	1375	5000	10,9	54																
40	S	1555	6450	5,8	46																
41	S	1610	6500	8,2	46																
42	S	1325	7100	27,6	41																
43	S	1560	6800	8,2	66																
44	S	1650	6840	9,7	35																
45	S	1655	6060	12,1	30																
46	S	1635	5780	13,2	34																

2D Scatterplots

Quick | **Advanced** | Appearance | Categorized | Options 1 | Options 2

Variables:

X: none

Select Variables for Scatterplot

X:

- 1-kod
- 2-porod.tež(g)
- 3-tež.21d
- 4-leukoc.(109/l)
- 5-ALT

Select All | Spread | Zoom

X:

Y:

- 1-kod
- 2-porod.tež(g)
- 3-tež.21d
- 4-leukoc.(109/l)
- 5-ALT

Select All | Spread | Zoom

Y:

Show appropriate variables only

SELECT CASES Options

	1	2	3	4	5															
	kod	porod.tež(g)	tež.21d	leukoc.(10 ⁹ /l)	ALT															
1	M	800	4200	7,3	70															
2	M	970	5010	12,7	30															
3	M	825	2560	7,8	60															
4	M	985	6500	7,1	40															
5	M	990	6200	11,4	74															
6	M	825	4800	6,2	58															
7	M	995	5000	8,6	39															
8	M	860	5200																	
9	M	705	3930																	
10	M	805	6000																	
11	M	965	5600																	
12	M	820	3900																	
13	M	960	2690	1																
14	M	780	3950	2																
15	M	857	2110	1																
16	M	798	4800	1																
17	M	806	4420																	
18	M	930	4560	1																
19	M	906	4740	1																
20	M	750	4960	3																
21	M	770	4880	1																
22	M	840	4320	3																
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29	M	822	3500	1																
30	M	970	4600	1																
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42	S	1325	7100	27,6	41															
43	S	1560	6800	8,2	66															
44	S	1650	6840	9,7	35															
45	S	1655	6060	12,1	30															
46	S	1635	5780	13,2	34															

2D Scatterplots ? _ X

Quick | Advanced | Appearance | Categorized | Options 1 | Options 2

Variables:

X: porod.tež(g)

Y: tež.21d

Graph type:

Regular

Multiple

Regression bands:

Off level: []

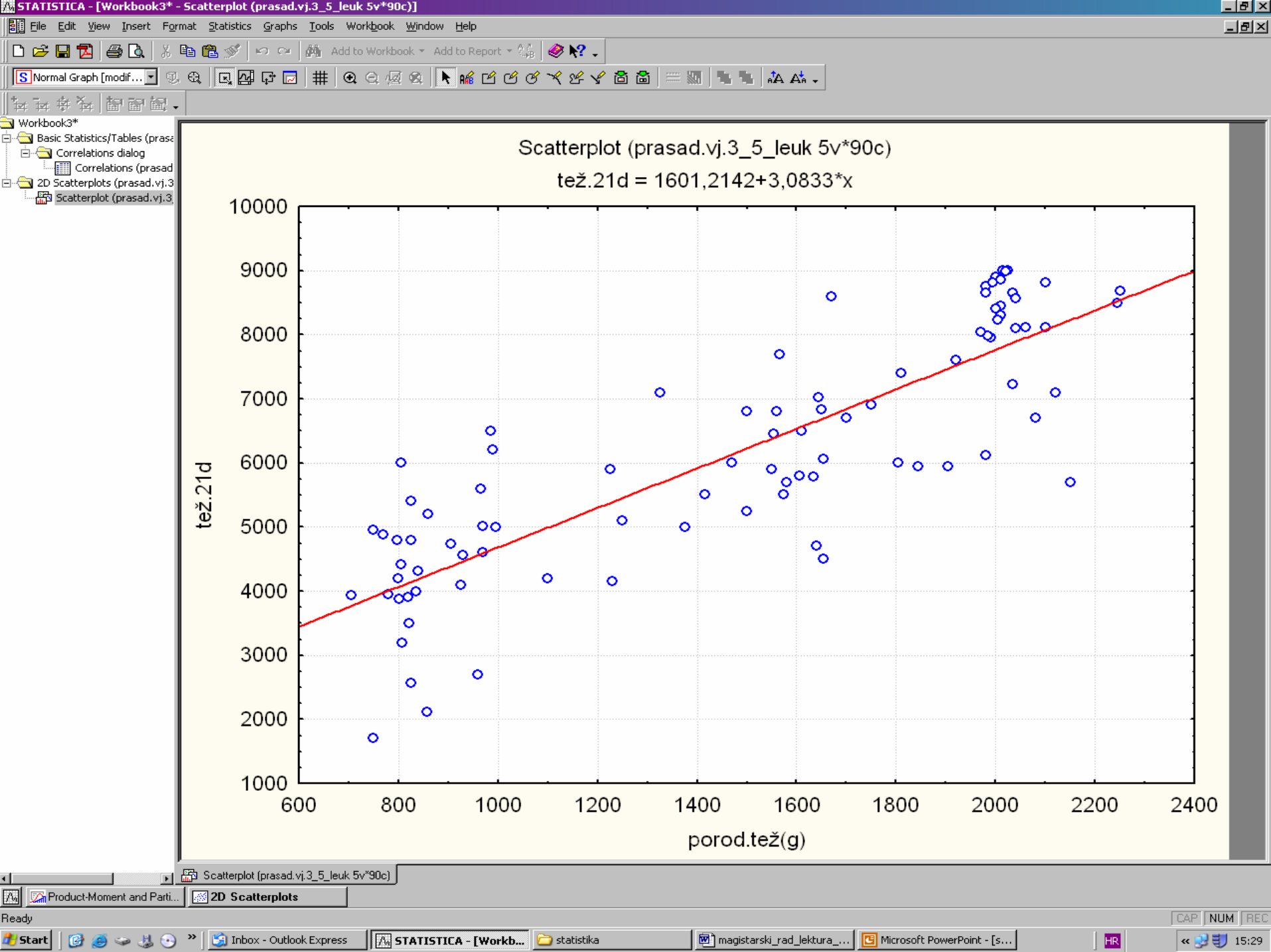
Confidence .95 []

Prediction

Fit type:

Linear

SELECT CASES Options Updating Auto OK Cancel



ANOVA



STATISTICA - [Data: prasad.vj.3_5_leuk (5v by 90c)]

File Edit View Insert Format Statistics Graphs Tools Data Window Help

Resume... Ctrl+R

Add to Report

ByGroup Analysis

- Basic Statistics/Tables
- Multiple Regression
- ANOVA
- Nonparametrics
- Distribution Fitting
- Advanced Linear/Nonlinear Models
- Multivariate Exploratory Techniques
- Industrial Statistics & Six Sigma
- Power Analysis
- Neural Networks
- Data-Mining
- QC Data Mining & Root Cause Analysis
- Text & Document Mining, Web Crawling
- Statistics of Block Data
- STATISTICA Visual Basic
- Probability Calculator

	1	2				
	kod	porod.te:				
1	M					
2	M					
3	M					
4	M					
5	M					
6	M					
7	M					
8	M					
9	M					
10	M					
11	M					
12	M					
13	M					
14	M					
15	M					
16	M					
17	M					
18	M	930	4560	11,9		52
19	M	906	4740	16,8		51
20	M	750	4960	31,9		44
21	M	770	4880	11,5		38
22	M	840	4320	31,3		61
23	M	808	3200	11,1		57
24	M	801	3870	12,1		61
25	M	925	4100	6,1		44
26	M	835	4000	15,1		41
27	M	750	1700	8,9		66
28	M	825	5400	7,8		39
29	M	822	3500	11,1		51
30	M	970	4600	10,2		34
31	S	1225	5900	12,2		40
32	S	1250	5100	7,1		43
33	S	1670	8600	15		51
34	S	1810	7400	32,8		41
35	S	1500	6800	11,9		39
36	S	1645	7030	9,6		40
37	S	1565	7700	6,2		39
38	S	1845	5950	7,2		37
39	S	1375	5000	10,9		54
40	S	1555	6450	5,8		46
41	S	1610	6500	8,2		46
42	S	1325	7100	27,6		41
43	S	1560	6800	8,2		66
44	S	1650	6840	9,7		35
45	S	1655	6060	12,1		30
46	S	1635	5780	13,2		34

Product-Moment and Parti... 2D Scatterplots

Start up Basic Statistics/Tables

C76.V4 12.7 Set:OFF Weight:OFF CAP NUM REC

Start Inbox - Outlook Express STATISTICA - [Data: ... statistika magistarski_rad_lektura_... Microsoft PowerPoint - [s... HR 15:29

	1	2	3	4	5
	kod	porod.tež(g)	tež.21d	leukoc.(10 ⁹ /l)	ALT
1	M	800	4200	7,3	70
2	M	970	5010	12,7	30
3	M	825	2560	7,8	60
4	M	985	6500	7,1	40
5	M	990	6200	11,4	74
6	M	825	4800	6,2	58
7	M	995	5000	8,6	39
8	M	860	5200	4,1	45
9	M	705	3930	7,8	60
10	M	805	6000	7,6	41
11	M	965	5600	9,6	46
12	M	820	3900	9,2	48
13	M	960	2690	19,3	38
14	M	780	3950	20,8	52
15	M	857	2110	11,8	67
16	M	798	4800	10,2	50
17	M	806	4420	7,8	57
18	M	930	4560	11,9	52
19	M	906	4740	16,8	51
20	M	750	4960	31,9	44
21	M	770	4880	11,5	38
22	M	840	4320	31,3	61
23	M	808	3200	11,1	57
24	M	801	3870	12,1	61
25	M	925	4100	6,1	44
26	M	835	4000	15,1	41
27	M	750	1700	8,9	66
28	M	825	5400	7,8	39
29	M	822	3500	11,1	51
30	M	970	4600	10,2	34
31	S	1225	5900	12,2	40
32	S	1250	5100	7,1	43
33	S	1670	8600	15	51
34	S	1810	7400	32,8	41
35	S	1500	6800	11,9	39
36	S	1645	7030	9,6	40
37	S	1565	7700	6,2	39
38	S	1845	5950	7,2	37
39	S	1375	5000	10,9	54
40	S	1555	6450	5,8	46
41	S	1610	6500	8,2	46
42	S	1325	7100	27,6	41
43	S	1560	6800	8,2	66
44	S	1650	6840	9,7	35
45	S	1655	6060	12,1	30
46	S	1635	5780	13,2	34

Basic Statistics and Tables: prasad.vj.3_5_leuk

Quick

- Descriptive statistics
- Correlation matrices
- t-test, independent, by groups
- t-test, independent, by variables
- t-test, dependent samples
- t-test, single sample
- Breakdown & one-way ANOVA**
- Breakdown; non-factorial tables
- Frequency tables
- Tables and banners
- Multiple response tables
- Difference tests: t, %, means
- Probability calculator

OK

Cancel

Options

Open Data

SELECT CASES



	1	2	3	4	5																	
	kod	porod.tež(g)	tež.21d	leukoc.(10 ⁹ /l)	ALT																	
1	M	800	4200	7,3	70																	
2	M	970	5010	12,7	30																	
3	M	825	2560	7,8	60																	
4	M	985	6500	7,1	40																	
5	M	990	6200	11,4	74																	
6	M	825	4800	6,2	58																	
7	M	995	5000	8,6	39																	
8	M	860	5200	4,1	45																	
9	M	705	3930	7,8	60																	
10	M	805	6000	7,6	41																	
11	M	965	5600	9,6	46																	
12	M	820	3900	9,9	19																	
13	M	960	2690	15,0	20																	
14	M	780	3950	20,0	10																	
15	M	857	2110	11,0	7																	
16	M	798	4800	10,0	7																	
17	M	806	4420	7,0	11																	
18	M	930	4560	11,0	16																	
19	M	906	4740	16,0	31																	
20	M	750	4960	31,0	11																	
21	M	770	4880	11,0	31																	
22	M	840	4320	31,0	11																	
23	M	808	3200	11,0	12																	
24	M	801	3870	12,0	6																	
25	M	925	4100	6,0	15																	
26	M	835	4000	15,0	6																	
27	M	750	1700	6,0	7																	
28	M	825	5400	7,0	11																	
29	M	822	3500	10,0	10,2																	
30	M	970	4600	10,2	34																	
31	S	1225	5900	12,2	40																	
32	S	1250	5100	7,1	43																	
33	S	1670	8600	15	51																	
34	S	1810	7400	32,8	41																	
35	S	1500	6800	11,9	39																	
36	S	1645	7030	9,6	40																	
37	S	1565	7700	6,2	39																	
38	S	1845	5950	7,2	37																	
39	S	1375	5000	10,9	54																	
40	S	1555	6450	5,8	46																	
41	S	1610	6500	8,2	46																	
42	S	1325	7100	27,6	41																	
43	S	1560	6800	8,2	66																	
44	S	1650	6840	9,7	35																	
45	S	1655	6060	12,1	30																	
46	S	1635	5780	13,2	34																	

Statistics by Groups (Breakdown): prasad.vj.3_5_leuk

Individual tables | Lists of tables

Variables

Dependent: none

Grouping: none

Codes for grouping variables: none

OK Cancel

Options

SELECT CRSES [Icons]

Weighted moments

DF =

W1 N1

MD deletion

Casewise

Pairwise

	1 kod	2 porod.tež(g)	3 tež.21d	4 leukoc.(10 ⁹ /l)	5 ALT
1	M	800	4200	7,3	70
2	M	970	5010	12,7	30
3	M	825	2560	7,8	60
4	M	985	6500	7,1	40
5	M	990	6200	11,4	74
6	M	825	4800	6,2	58
7	M	995	5000	8,6	39
8	M	860	5200	4,1	45
9	M	705	3930	7,8	60
10	M	805	6000	7,6	41
11	M	965	5600	9,6	46
12	M	820	3900	9,6	46
13	M	960	2690	15,2	51
14	M	780	3950	20,2	66
15	M	857	2110	11,1	39
16	M	798	4800	10,2	37
17	M	806	4420	7,7	39
18	M	930	4560	11,1	37
19	M	906	4740	16,2	46
20	M	750	4960	31,2	46
21	M	770	4880	11,1	46
22	M	840	4320	31,1	46
23	M	808	3200	11,1	46
24	M	801	3870	12,2	46
25	M	925	4100	6,2	46
26	M	835	4000	15,2	46
27	M	750	1700	6,2	46
28	M	825	5400	7,2	46
29	M	822	3500	11,1	46
30	M	970	4600	10,2	46
31	S	1225	5900	12,2	46
32	S	1250	5100	7,1	46
33	S	1670	8600	15,2	46
34	S	1810	7400	32,8	46
35	S	1500	6800	11,9	46
36	S	1645	7030	9,6	46
37	S	1565	7700	6,2	46
38	S	1845	5950	7,2	46
39	S	1375	5000	10,9	46
40	S	1555	6450	5,8	46
41	S	1610	6500	8,2	46
42	S	1325	7100	27,6	46
43	S	1560	6800	8,2	46
44	S	1650	6840	9,7	46
45	S	1655	6060	12,1	46
46	S	1635	5780	13,2	46

Statistics by Groups (Breakdown): prasad.vj.3_5_leuk

Individual tables | Lists of tables

Select the dependent variables and grouping variables

1-kod 2-porod.tež(g) 3-tež.21d 4-leukoc.(109/l) 5-ALT	1-kod 2-porod.tež(g) 3-tež.21d 4-leukoc.(109/l) 5-ALT
---	---

Dependent variables:
 Grouping variables:

Show appropriate variables only

Use the "Show appropriate variables only" option to pre-screen variable lists and show categorical and continuous variables. Press F1 for more information.

	1	2	3	4	5													
	kod	porod.tez(g)	tez.21d	leukoc.(10 ⁹ /l)	ALT													
1	M	800	4200	7,3	70													
2	M	970	5010	12,7	30													
3	M	825	2560	7,8	60													
4	M	985	6500	7,1	40													
5	M	990	6200	11,4	74													
6	M	825	4800	6,2	58													
7	M	995	5000	8,6	39													
8	M	860	5200	4,1	45													
9	M	705	3930	7,8	60													
10	M	805	6000	7,6	41													
11	M	965	5600	9,6	46													
12	M	820	3900	9,2	37													
13	M	960	2690	15,1	36													
14	M	780	3950	20,1	34													
15	M	857	2110	11,7	52													
16	M	798	4800	10,4	39													
17	M	806	4420	7,7	32													
18	M	930	4560	11,9	32													
19	M	906	4740	16,7	35													
20	M	750	4960	31,4	34													
21	M	770	4880	11,4	51													
22	M	840	4320	31,4	51													
23	M	808	3200	11,4	51													
24	M	801	3870	12,2	46													
25	M	925	4100	6,7	34													
26	M	835	4000	15,2	37													
27	M	750	1700	6,2	39													
28	M	825	5400	7,2	37													
29	M	822	3500	10,9	54													
30	M	970	4600	10,2	47													
31	S	1225	5900	12,2	40													
32	S	1250	5100	7,1	43													
33	S	1670	8600	15,1	51													
34	S	1810	7400	32,8	41													
35	S	1500	6800	11,9	39													
36	S	1645	7030	9,6	40													
37	S	1565	7700	6,2	39													
38	S	1845	5950	7,2	37													
39	S	1375	5000	10,9	54													
40	S	1555	6450	5,8	46													
41	S	1610	6500	8,2	46													
42	S	1325	7100	27,6	41													
43	S	1560	6800	8,2	66													
44	S	1650	6840	9,7	35													
45	S	1655	6060	12,1	30													
46	S	1635	5780	13,2	34													

Statistics by Groups (Breakdown): prasad.vj.3_5_leuk

Individual tables Lists of tables

Variables OK

Dependent: tez.21d

Grouping: Select codes for indep. vars (factors):

Codes kod: All Zoom OK

M-T

Cancel

Options W W

Weighted moments

MD deletion Casewise Pairwise

	1	2	3	4	5															
	kod	porod.tež(g)	tež.21d	leukoc.(10 ⁹ /l)	ALT															
1	M	800	4200	7,3	70															
2	M	970	5010	12,7	30															
3	M	825	2560	7,8	60															
4	M	985	6500	7,1	40															
5	M	990	6200	11,4	74															
6	M	825	4800	6,2	58															
7	M	995	5000	8,6	39															
8	M	860	5200	4,1	45															
9	M	705	3930	7,8	60															
10	M	805	6000	7,6	41															
11	M	965	5600	9,6	46															
12	M	820	3900	9,6	46															
13	M	960	2690	19,2	46															
14	M	780	3950	20,2	46															
15	M	857	2110	11,1	46															
16	M	798	4800	10,2	46															
17	M	806	4420	7,7	46															
18	M	930	4560	11,1	46															
19	M	906	4740	16,1	46															
20	M	750	4960	31,1	46															
21	M	770	4880	11,1	46															
22	M	840	4320	31,1	46															
23	M	808	3200	11,1	46															
24	M	801	3870	12,1	46															
25	M	925	4100	6,1	46															
26	M	835	4000	15,1	46															
27	M	750	1700	6,1	46															
28	M	825	5400	7,1	46															
29	M	822	3500	11,1	46															
30	M	970	4600	10,2	46															
31	S	1225	5900	12,2	40															
32	S	1250	5100	7,1	43															
33	S	1670	8600	15,1	51															
34	S	1810	7400	32,8	41															
35	S	1500	6800	11,9	39															
36	S	1645	7030	9,6	40															
37	S	1565	7700	6,2	39															
38	S	1845	5950	7,2	37															
39	S	1375	5000	10,9	54															
40	S	1555	6450	5,8	46															
41	S	1610	6500	8,2	46															
42	S	1325	7100	27,6	41															
43	S	1560	6800	8,2	66															
44	S	1650	6840	9,7	35															
45	S	1655	6060	12,1	30															
46	S	1635	5780	13,2	34															

Statistics by Groups (Breakdown): prasad.vj.3_5_leuk

Individual tables | Lists of tables

Variables

Dependent: tež.21d
Grouping: kod

Codes for grouping variables Selected

OK

Cancel

Options

SELECT CRASES

Weighted moments
DF =

W1 N1

MD deletion

Casewise
 Pairwise

STATISTICA - [Data: prasad.vj.3_5_leuk (5v by 90c)]

File Edit View Insert Format Statistics Graphs Tools Data Window Help

Add to Workbook Add to Report

Arial 10 B I U

	1	2	3	4	5
	kod	porod.tež(g)	tež.21d	leukoc.(10 ⁹ /l)	ALT
1	M	800	4200	7,3	70
2	M	970	5010	12,7	30
3	M	825	2560	7,8	60
4	M	985	6500	7,1	40
5	M	990	6200	11,4	74
6	M	825	4800	6,2	58
7	M	995	5000	8,6	39
8	M	860	5200		
9	M	705	3930		
10	M	805	6000		
11	M	965	5600		
12	M	820	3900		
13	M	960	2690		
14	M	780	3950		
15	M	857	2110		
16	M	798	4800		
17	M	806	4420		
18	M	930	4560		
19	M	906	4740		
20	M	750	4960		
21	M	770	4880		
22	M	840	4320		
23	M	808	3200		
24	M	801	3870		
25	M	925	4100		
26	M	835	4000		
27	M	750	1700		
28	M	825	5400		
29	M	822	3500		
30	M	970	4600		
31	S	1225	5900		
32	S	1250	5100		
33	S	1670	8600		
34	S	1810	7400	32,8	41
35	S	1500	6800	11,9	39
36	S	1645	7030	9,6	40
37	S	1565	7700	6,2	39
38	S	1845	5950	7,2	37
39	S	1375	5000	10,9	54
40	S	1555	6450	5,8	46
41	S	1610	6500	8,2	46
42	S	1325	7100	27,6	41
43	S	1560	6800	8,2	66
44	S	1650	6840	9,7	35
45	S	1655	6060	12,1	30
46	S	1635	5780	13,2	34

Statistics by Groups - Results: prasad.vj.3_5_leuk

DEPENDENT: 1 variable: tež.21d

GROUPING: 1-kod (3): M S T

Quick Descriptives ANOVA & tests Post-hoc

Summary: Table of statistics Interaction plots

Detailed two-way tables Categorized box & whisker plot

Analysis of Variance

Options

Product-Moment and Parti... 2D Scatterplots Statistics by Groups ...

Insert Clipboard contents

C76,V4 12,7 Set:OFF Weight:OFF CAP NUM REC

Start Inbex - Outlook Express STATISTICA - [Data: ... statistika magistrski_rad_lektura_... Microsoft PowerPoint - [s... 15:31

	1	2	3	4	5																
	kod	porod.tež(g)	tež.21d	leukoc.(10 ⁹ /l)	ALT																
1	M	800	4200	7,3	70																
2	M	970	5010	12,7	30																
3	M	825	2560	7,8	60																
4	M	985	6500	7,1	40																
5	M	990	6200	11,4	74																
6	M	825	4800	6,2	58																
7	M	995	5000	8,6	39																
8	M	860	5200																		
9	M	705	3930																		
10	M	805	6000																		
11	M	965	5600																		
12	M	820	3900																		
13	M	960	2690																		
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15	M	857	2110																		
16	M	798	4800																		
17	M	806	4420																		
18	M	930	4560																		
19	M	906	4740																		
20	M	750	4960																		
21	M	770	4880																		
22	M	840	4320																		
23	M	808	3200																		
24	M	801	3870																		
25	M	925	4100																		
26	M	835	4000																		
27	M	750	1700																		
28	M	825	5400																		
29	M	822	3500																		
30	M	970	4600																		
31	S	1225	5900																		
32	S	1250	5100																		
33	S	1670	8600																		
34	S	1810	7400	32,8	41																
35	S	1500	6800	11,9	39																
36	S	1645	7030	9,6	40																
37	S	1565	7700	6,2	39																
38	S	1845	5950	7,2	37																
39	S	1375	5000	10,9	54																
40	S	1555	6450	5,8	46																
41	S	1610	6500	8,2	46																
42	S	1325	7100	27,6	41																
43	S	1560	6800	8,2	66																
44	S	1650	6840	9,7	35																
45	S	1655	6060	12,1	30																
46	S	1635	5780	13,2	34																

Statistics by Groups - Results: prasad.vj.3_5_leuk

DEPENDENT: 1 variable: tež.21d

GROUPING: 1-kod (3): M S T

Quick | Descriptives | ANOVA & tests | Post-hoc

Analysis of Variance

Tests of homog. of variances

Levene tests

Brown-Forsythe tests

Categorized normal prob. plots

Categorized half-normal p-plots

Categorized detrended p-plots

Plot of means vs. std. devs

Interaction plots

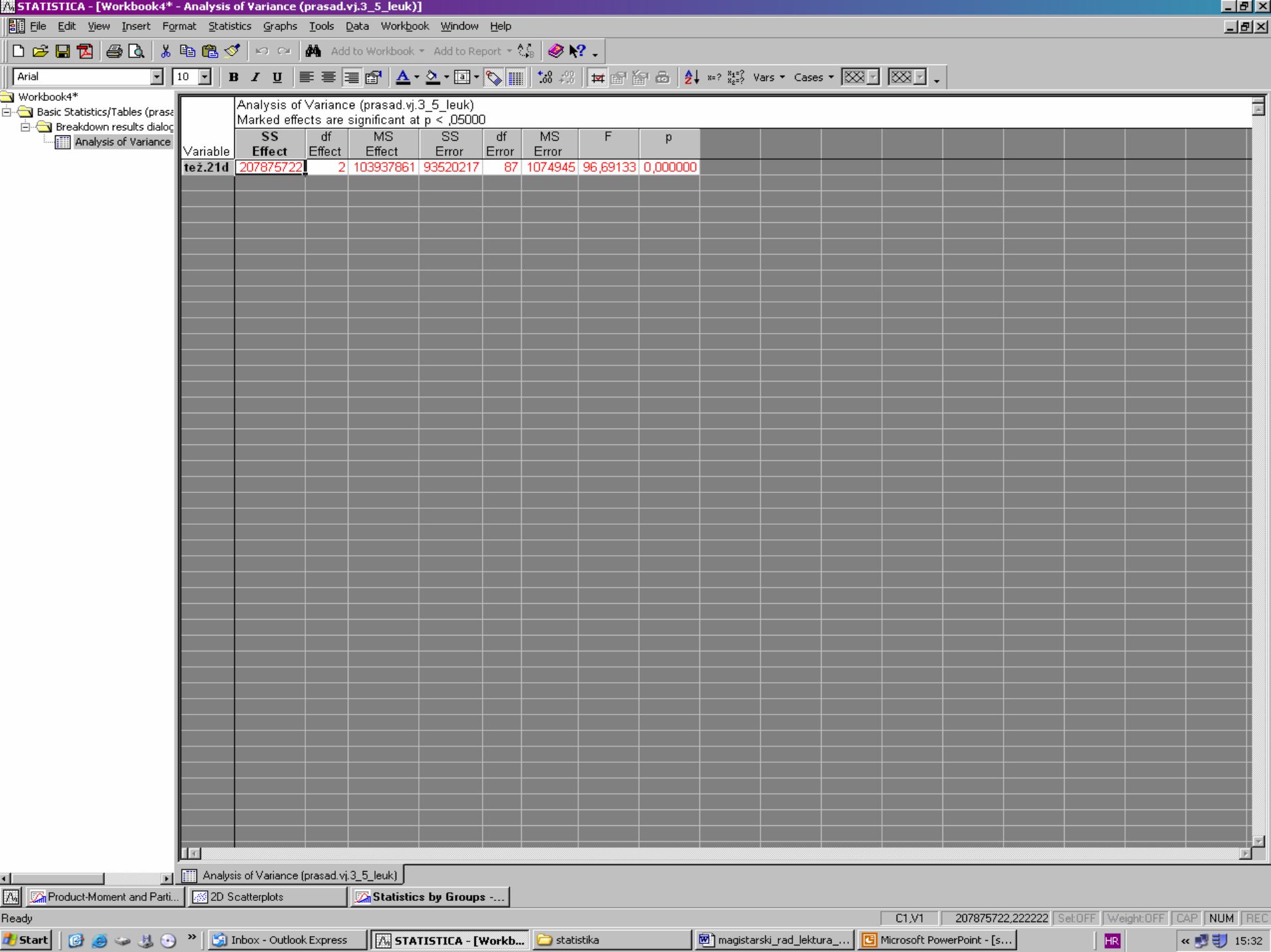
Plot confidence intervals for means: 95.00 %

p-level for highlighting: .05

Summary

Options

Cancel



Analysis of Variance (prasad.vj.3_5_leuk)
Marked effects are significant at $p < ,05000$

Variable	SS Effect	df Effect	MS Effect	SS Error	df Error	MS Error	F	p
też.21d	207875722	2	103937861	93520217	87	1074945	96,69133	0,000000

Analysis of Variance (prasad.vj.3_5_leuk)

Workbook4*

- Basic Statistics/Tables (prasad.vj.3_5_leuk)
 - Breakdown results dialog
 - Analysis of Variance
 - Breakdown Table of Descriptive Statistics
 - Analysis of Variance

Analysis of Variance (prasad.vj.3_5_leuk)
Marked effects are significant at $p < .05000$

Variable	SS Effect	df Effect	MS Effect	SS Error	df Error	MS Error	F	p
tež.21d	207875722	2	103937861	93520217	87	1074945	96,69133	0,000000

Statistics by Groups - Results: prasad.vj.3_5_leuk

DEPENDENT: 1 variable: tež.21d

GROUPING: 1-kod (3): M S T

Quick Descriptives ANOVA & tests Post-hoc Summary

Variables tež.21d

LSD test or planned comparison

Scheffé test

Newman-Keuls test & critical ranges Alpha level for critical ranges: .050

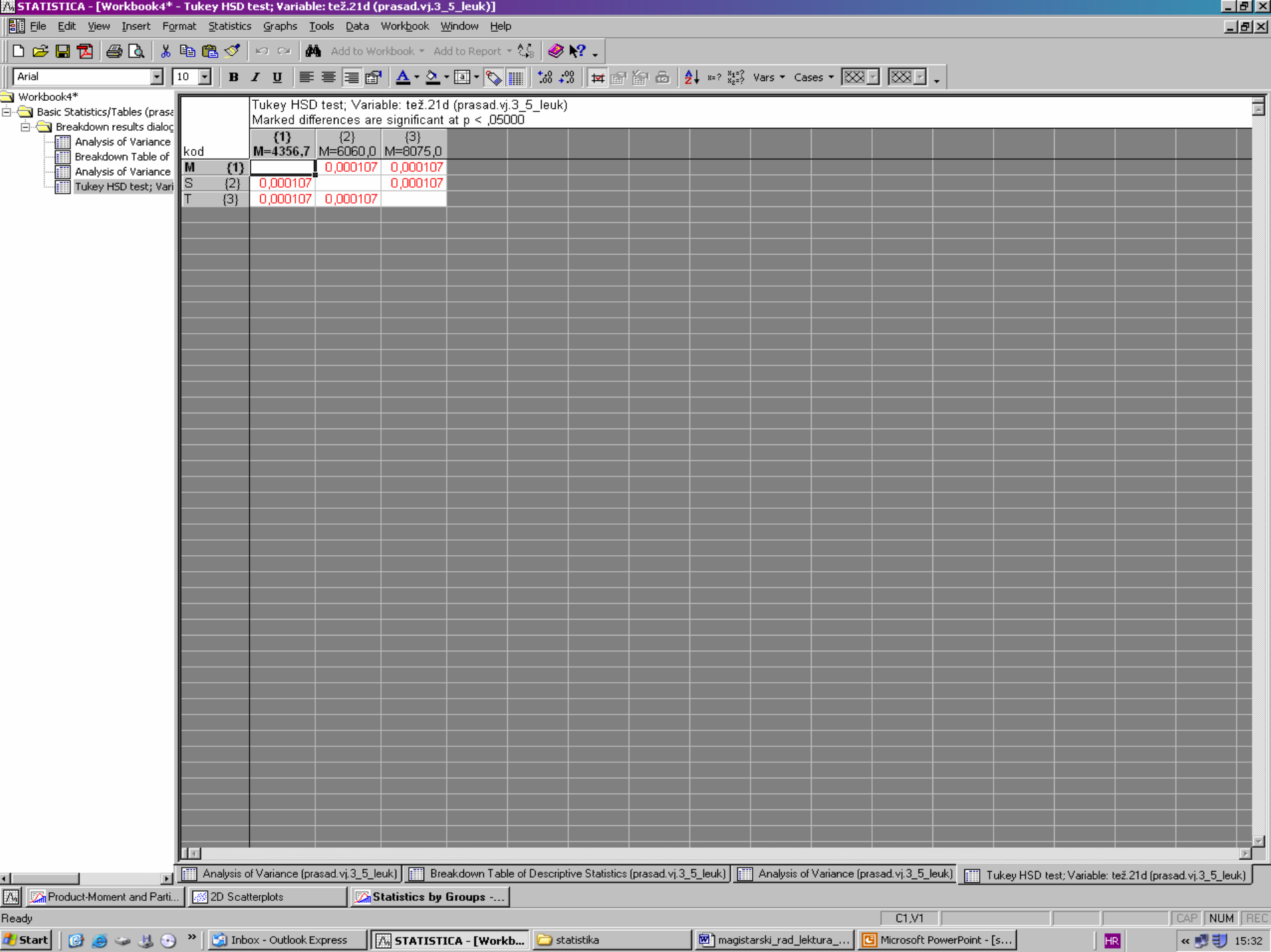
Duncan's multiple range test & critical ranges

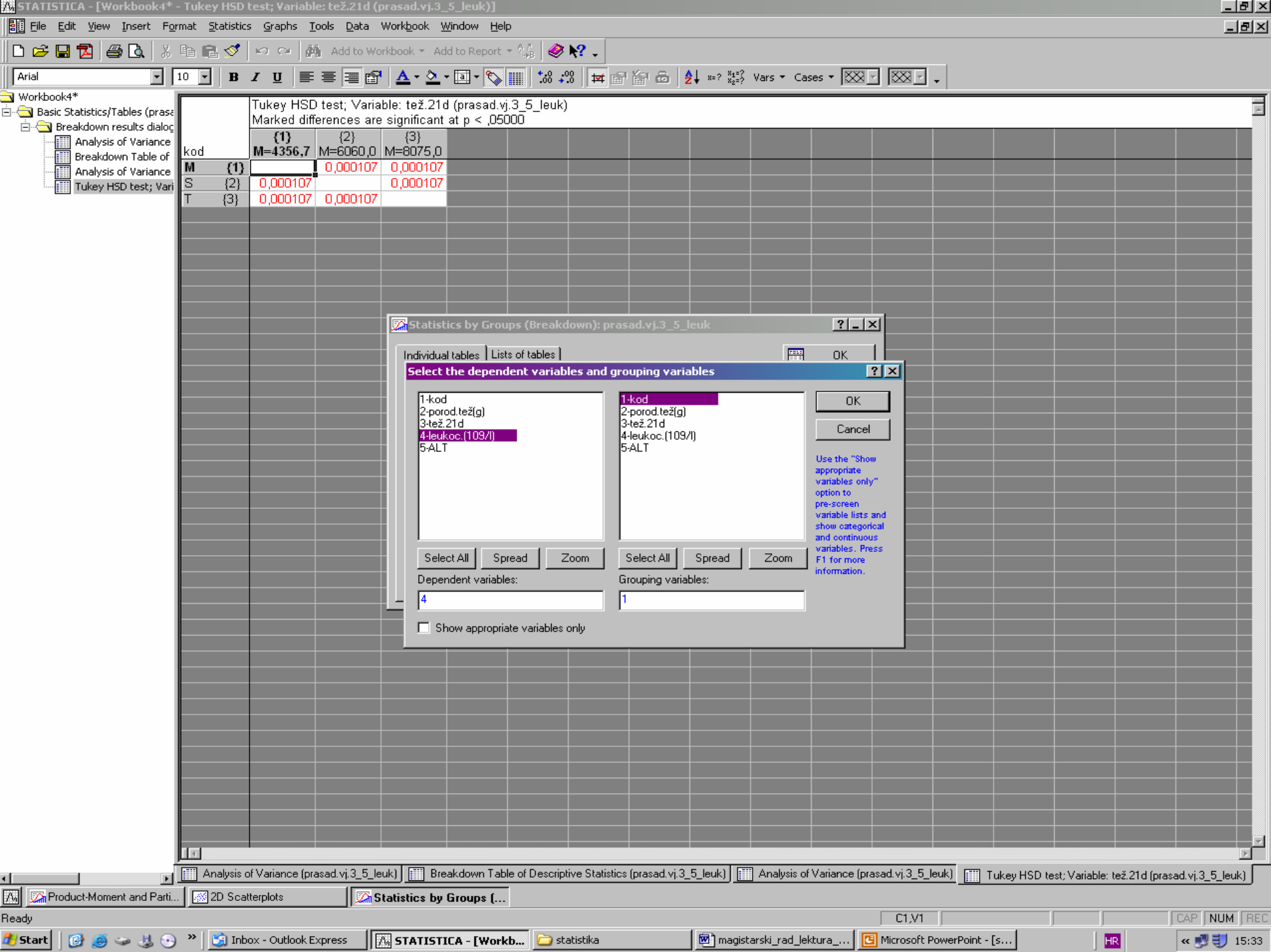
Tukey honest significant difference (HSD) For additional post-hoc tests (Dunnnett, Bonferroni, complex designs) see also the Visual General Linear Models option.

Tukey HSD for unequal N (Sjotvoll/Stoline)

p-level for highlighting: .05

Cancel Options





Tukey HSD test; Variable: tež.21d (prasad.vj.3_5_leuk)
Marked differences are significant at $p < .05000$

	{1}	{2}	{3}
kod	M=4356.7	M=6060.0	M=8075.0
M {1}		0,000107	0,000107
S {2}	0,000107		0,000107
T {3}	0,000107	0,000107	

Statistics by Groups (Breakdown): prasad.vj.3_5_leuk

Individual tables | Lists of tables

Select the dependent variables and grouping variables

1-kod
2-porod.tež(g)
3-tež.21d
4-leukoc.(109/l)
5-ALT

1-kod
2-porod.tež(g)
3-tež.21d
4-leukoc.(109/l)
5-ALT

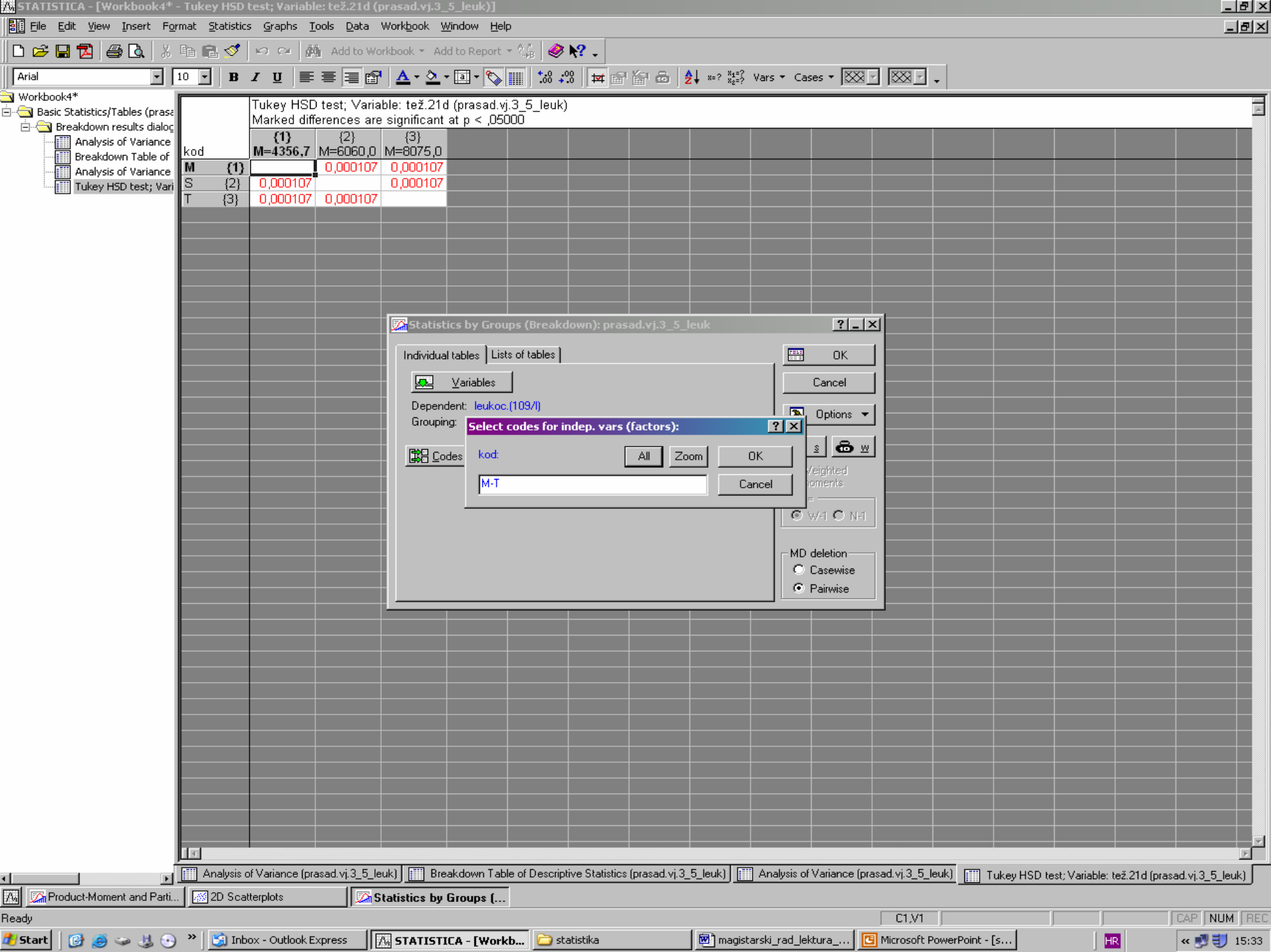
Use the "Show appropriate variables only" option to pre-screen variable lists and show categorical and continuous variables. Press F1 for more information.

Select All Spread Zoom Select All Spread Zoom

Dependent variables: 4

Grouping variables: 1

Show appropriate variables only



Workbook4*

- Basic Statistics/Tables (prasad.vj.3_5_leuk)
 - Breakdown results dialog
 - Analysis of Variance
 - Breakdown Table of Descriptive Statistics
 - Analysis of Variance
 - Tukey HSD test; Variable: tež.21d (prasad.vj.3_5_leuk)

Tukey HSD test; Variable: tež.21d (prasad.vj.3_5_leuk)
Marked differences are significant at $p < .05000$

	(1)	(2)	(3)
kod	M=4356,7	M=6060,0	M=8075,0
M (1)		0,000107	0,000107
S (2)	0,000107		0,000107
T (3)	0,000107	0,000107	

Statistics by Groups - Results: prasad.vj.3_5_leuk

DEPENDENT: 1 variable: leukoc. (109/1)

GROUPING: 1-kod (3): M S T

Quick | Descriptives | ANOVA & tests | Post-hoc

Analysis of Variance

Tests of homog. of variances

- Levene tests
- Brown-Forsythe tests

Categorized normal prob. plots

Categorized half-normal p-plots

Categorized detrended p-plots

Plot of means vs. std. devs

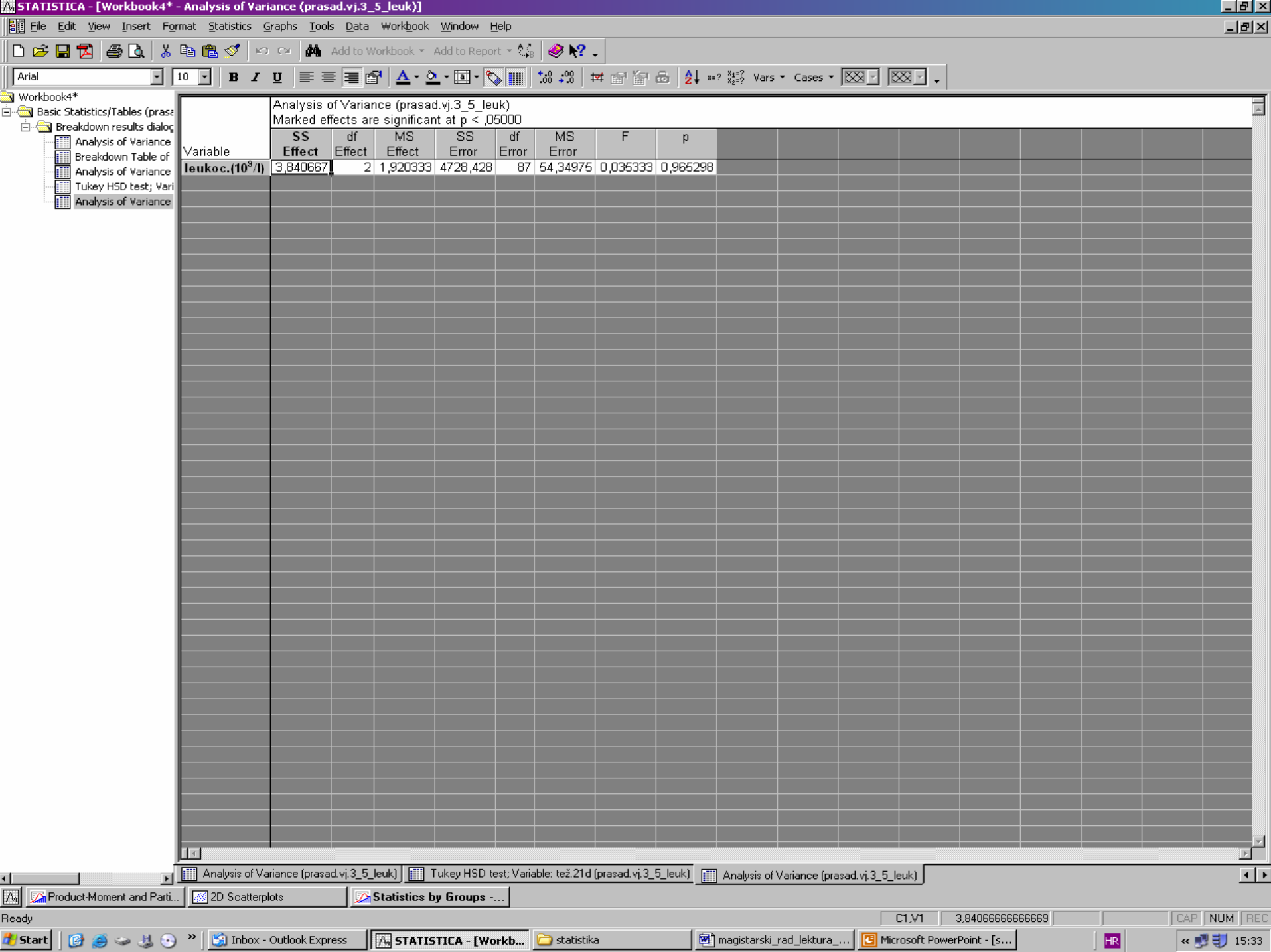
Interaction plots

Plot confidence intervals for means: 95.00 %

p-level for highlighting: .05

Cancel

Options



Analysis of Variance (prasad.vj.3_5_leuk)
Marked effects are significant at p < ,05000

Variable	SS Effect	df Effect	MS Effect	SS Error	df Error	MS Error	F	p
leukoc.(10 ⁹ /l)	3,840667	2	1,920333	4728,428	87	54,34975	0,035333	0,965298

Workbook4*

- Basic Statistics/Tables (prasad.vj.3_5_leuk)
 - Breakdown results dialog
 - Analysis of Variance
 - Breakdown Table of
 - Analysis of Variance
 - Tukey HSD test; Vari
 - Analysis of Variance

Analysis of Variance (prasad.vj.3_5_leuk)
Marked effects are significant at $p < ,05000$

Variable	SS Effect	df Effect	MS Effect	SS Error	df Error	MS Error	F	p
leukoc.(10 ⁹ /l)	3,840667	2	1,920333	4728,428	87	54,34975	0,035333	0,965298

Statistics by Groups - Results: prasad.vj.3_5_leuk

DEPENDENT: 1 variable: leukoc. (109/1)

GROUPING: 1-kod (3): M S T

Quick | Descriptives | ANOVA & tests | Post-hoc | Summary

Variables: tež.21d

LSD test or planned comparison

Scheffé test

Newman-Keuls test & critical ranges

Duncan's multiple range test & critical ranges

Alpha level for critical ranges: .050

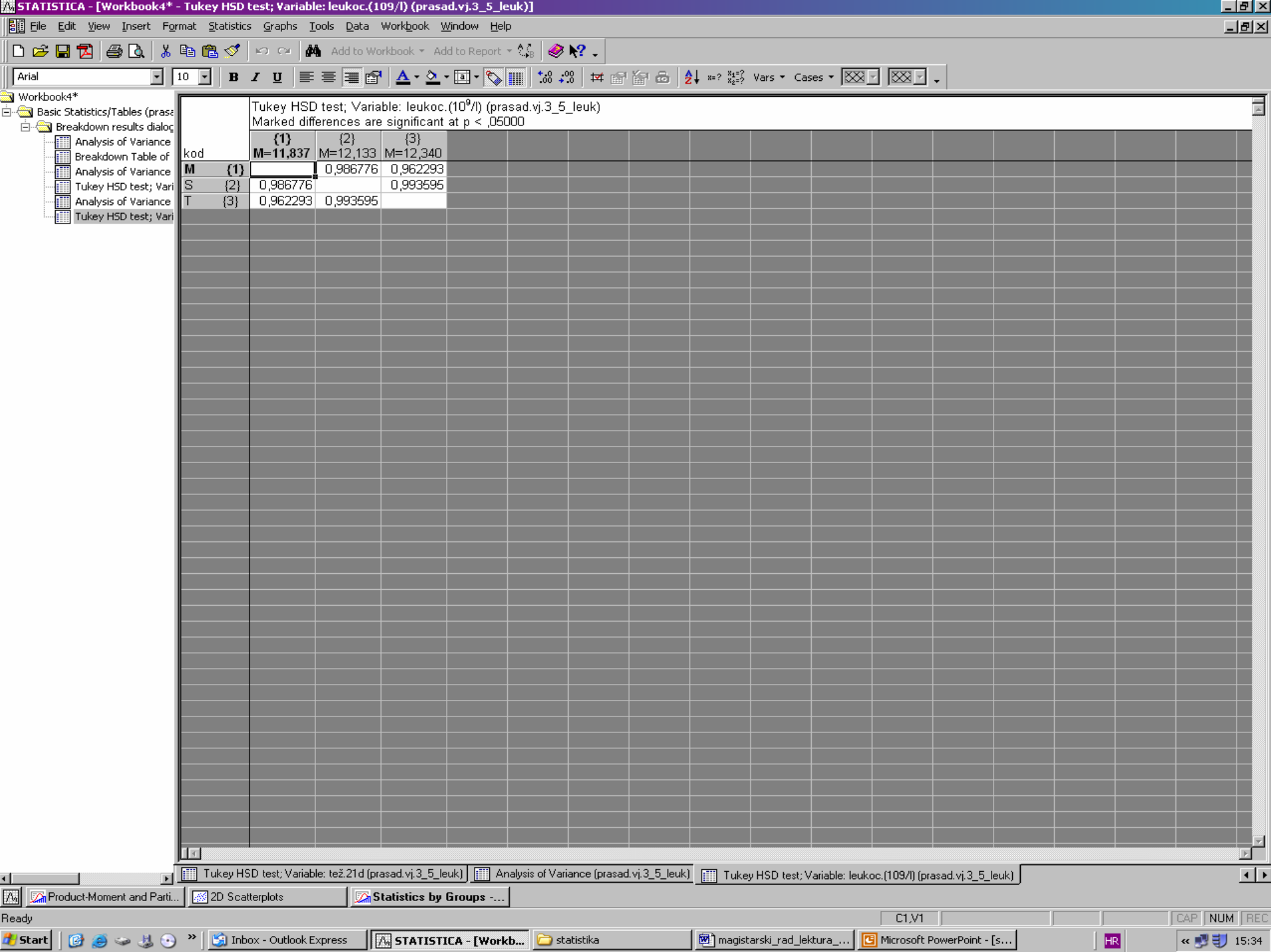
Tukey honest significant difference (HSD)

Tukey HSD for unequal N (Sjotkvoll/Stoline)

For additional post-hoc tests (Dunnnett, Bonferroni, complex designs) see also the Visual General Linear Models option.

p-level for highlighting: .05

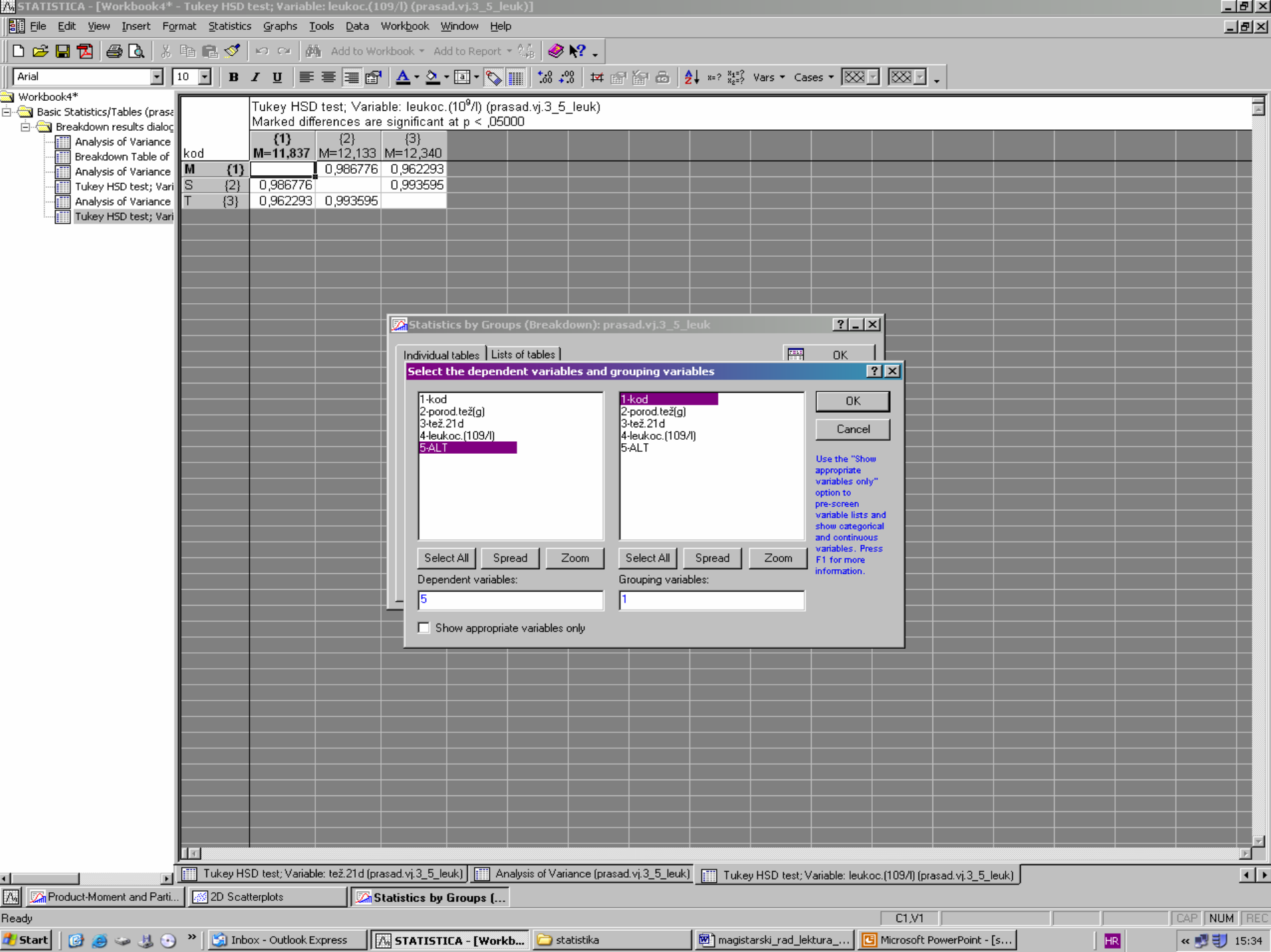
Cancel Options



Tukey HSD test; Variable: leukoc.(10⁹/l) (prasad.vj.3_5_leuk)
Marked differences are significant at p < ,05000

	{1}	{2}	{3}
kod	M=11,837	M=12,133	M=12,340
M {1}		0,986776	0,962293
S {2}	0,986776		0,993595
T {3}	0,962293	0,993595	

Tukey HSD test; Variable: te2.21d (prasad.vj.3_5_leuk) | Analysis of Variance (prasad.vj.3_5_leuk) | Tukey HSD test; Variable: leukoc.(109/l) (prasad.vj.3_5_leuk)



Tukey HSD test; Variable: leukoc.(10⁹/l) (prasad.vj.3_5_leuk)
Marked differences are significant at p < ,05000

	{1}	{2}	{3}
kod	M=11,837	M=12,133	M=12,340
M {1}		0,986776	0,962293
S {2}	0,986776		0,993595
T {3}	0,962293	0,993595	

Statistics by Groups (Breakdown): prasad.vj.3_5_leuk

Individual tables | Lists of tables

Select the dependent variables and grouping variables

1-kod
2-porod.tež(g)
3-tež.21d
4-leukoc.(109/l)
5-ALT

1-kod
2-porod.tež(g)
3-tež.21d
4-leukoc.(109/l)
5-ALT

OK
Cancel

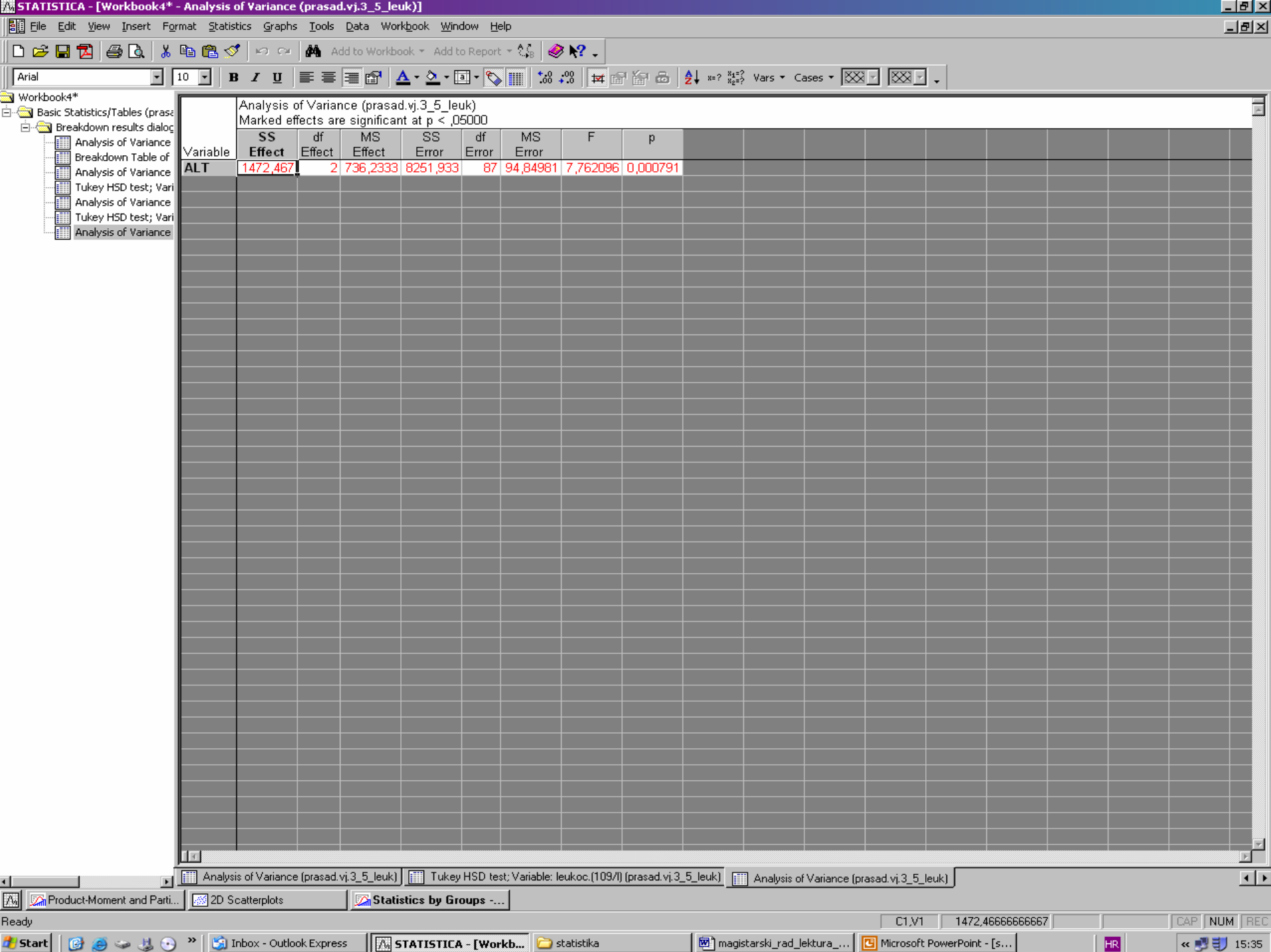
Use the "Show appropriate variables only" option to pre-screen variable lists and show categorical and continuous variables. Press F1 for more information.

Select All Spread Zoom Select All Spread Zoom

Dependent variables: 5

Grouping variables: 1

Show appropriate variables only



- Workbook4*
- Basic Statistics/Tables (prasad.vj.3_5_leuk)
 - Breakdown results dialog
 - Analysis of Variance
 - Breakdown Table of
 - Analysis of Variance
 - Tukey HSD test; Variable: ALT (prasad.vj.3_5_leuk)
 - Analysis of Variance
 - Tukey HSD test; Variable: leukoc.(109/l) (prasad.vj.3_5_leuk)
 - Analysis of Variance
 - Tukey HSD test; Variable: ALT (prasad.vj.3_5_leuk)
 - Analysis of Variance
 - Tukey HSD test; Variable: ALT (prasad.vj.3_5_leuk)

Tukey HSD test; Variable: ALT (prasad.vj.3_5_leuk)
Marked differences are significant at $p < .05000$

		(1)	(2)	(3)
kod		M=50,467	M=44,500	M=40,633
M	(1)		0,051497	0,000629
S	(2)	0,051497		0,278580
T	(3)	0,000629	0,278580	