

INSTALIRANJE PROGRAMA ZA STATISTIČKU ANALIZU

EXEL OPTIONS Analysis ToolPak

Excel Options

View and manage Microsoft Office add-ins.

Add-ins

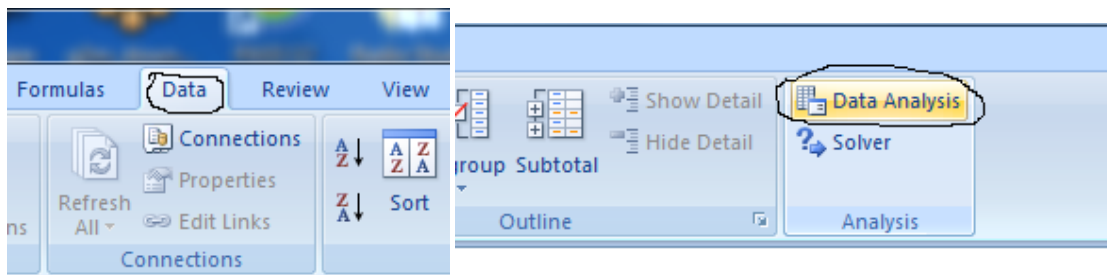
Name	Location	Type
Active Application Add-ins		
Acrobat PDFMaker Office COM Addin	C:\...0\PDFMaker\Office\PDFMOfficeAddin.dll	COM Add-in
Analysis ToolPak	C:\...ce\Office12\Library\Analysis\ANALYS32.XLL	Excel Add-in
Analysis ToolPak - VBA	C:\...Office12\Library\Analysis\ATPVBAEN.XLAM	Excel Add-in
EasyFitXL Add-In	C:\...Wave\EasyFit 5.5 Professional\EasyFitXL.xll	Excel Add-in
EViews Add In	C:\...ming\Microsoft\AddIns\EViews Add In.xla	Excel Add-in
RExcel2007	C:\Program Files\RExcel\xls\RExcel2007.xlam	Excel Add-in
Solver Add-in	C:\...ffice\Office12\Library\SOLVER\solver.xlam	Excel Add-in
Inactive Application Add-ins		
Conditional Sum Wizard	sumif.xlam	Excel Add-in
Custom XML Data	C:\...es\Microsoft Office\Office12\OFFRHD.DLL	Document Inspector
Date (Smart tag lists)	C:\...iles\microsoft shared\Smart Tag\MOFL.DLL	Smart Tag
Euro Currency Tools	eurotool.xlam	Excel Add-in
Financial Symbol (Smart tag lists)	C:\...iles\microsoft shared\Smart Tag\MOFL.DLL	Smart Tag
Headers and Footers	C:\...es\Microsoft Office\Office12\OFFRHD.DLL	Document Inspector
Hidden Rows and Columns	C:\...es\Microsoft Office\Office12\OFFRHD.DLL	Document Inspector
Hidden Worksheets	C:\...es\Microsoft Office\Office12\OFFRHD.DLL	Document Inspector
Internet Assistant VBA	C:\...rosoft Office\Office12\Library\HTML.XLAM	Excel Add-in
Invisible Content	C:\...es\Microsoft Office\Office12\OFFRHD.DLL	Document Inspector
Lookup Wizard	lookup.xlam	Excel Add-in
Person Name (Outlook e-mail recipients)	C:\...es\microsoft shared\Smart Tag\FNAME.DLL	Smart Tag
Telesnamasa	C:\...oaming\Microsoft\AddIns\telesnamasa.xla	Excel Add-in

Add-in: Analysis ToolPak
Publisher: Microsoft Corporation
Location: C:\Program Files\Microsoft Office\Office12\Library\Analysis\ANALYS32.XLL

Description: Provides data analysis tools for statistical and engineering analysis

REGRESIONA ANALIZA VIŠESTRUKA LINEARNE REGRESIJE

	A	B	C	D	E
1	Y	X1	X2		
2		5	6	13	
3		3	8	13	
4		9	8	11	
5		9	10	11	
6		13	10	9	
7		11	12	9	
8		17	12	7	
9		15	14	7	
10					
11					
12					



The screenshot shows the Microsoft Excel interface with the 'Data' tab selected. The 'Data Analysis' task pane is open, displaying a list of analysis tools. The 'Regression' tool is highlighted. The background spreadsheet contains data in columns A, B, and C, with row 10 highlighted in orange.

	A	B	C
1	Y	X1	X2
2	5	6	13
3	3	8	13
4	9	8	11
5	9	10	11
6	13	10	9
7	11	12	9
8	17	12	7
9	15	14	7
10			
11			

Microsoft Excel ribbon: Home, Insert, Page Layout, Formulas, **Data**, Review, View, Developer, Add-Ins

Get External Data: From Access, From Web, From Text, From Other Sources, Existing Connections

Connections: Refresh All, Properties, Edit Links

Sort & Filter: Sort, Filter, Clear, Reapply, Advanced

	A	B	C
1	Y	X1	X2
2	5	6	13
3	3	8	13
4	9	8	11
5	9	10	11
6	13	10	9
7	11	12	9
8	17	12	7
9	15	14	7
10			
11			
12			
13			
14			
15			
16			
17			

Regression

Input

Input Y Range:

Input X Range:

Labels Constant is Zero

Confidence Level: %

Output options

Output Range:

New Worksheet Ply:

New Workbook

Residuals

Residuals Residual Plots

Standardized Residuals Line Fit Plots

Normal Probability

Normal Probability Plots

OK, Cancel, Help

The screenshot shows the Microsoft Excel interface with the 'Data' tab selected. A 'Regression' dialog box is open, displaying the following settings:

- Input Y Range:** \$A\$2:\$A\$9
- Input X Range:** \$B\$2:\$C\$9
- Labels
- Constant is Zero
- Confidence Level: 95 %
- Output options:**
 - Output Range:
 - New Worksheet Ply:
 - New Workbook
- Residuals:**
 - Residuals
 - Standardized Residuals
 - Residual Plots
 - Line Fit Plots
- Normal Probability:**
 - Normal Probability Plots

The background data table is as follows:

	A	B	C
1	Y	X1	X2
2		5	6
3		3	8
4		9	8
5		9	10
6		13	10
7		11	12
8		17	12
9		15	14
10			
11			
12			
13			
14			
15			
16			
17			

	A	B	C	D	E	F	G
1	SUMMARY OUTPUT						
2							
3	<i>Regression Statistics</i>						
4	Multiple R	0.990867389					
5	R Square	0.981818182					
6	Adjusted R Squa	0.974545455					
7	Standard Error	0.761577311					
8	Observations	8					
9							
10	ANOVA						
11		<i>df</i>	<i>SS</i>	<i>MS</i>	<i>F</i>	<i>gnificance F</i>	
12	Regression	2	156.6	78.3	135	4.46E-05	
13	Residual	5	2.9	0.58			
14	Total	7	159.5				
15							
16		<i>Coefficients</i>	<i>Standard Error</i>	<i>t Stat</i>	<i>P-value</i>	<i>Lower 95%</i>	<i>Upper 95%</i>
17	Intercept	44.75	5.524717187	8.099962	0.000465	30.54826	58.95173764
18	X Variable 1	-0.75	0.26925824	-2.78543	0.038653	-1.44215	-0.057849658
19	X Variable 2	-2.7	0.294957624	-9.15386	0.000261	-3.45821	-1.94178729
20							
21							
22							
23	RESIDUAL OUTPUT						
24							
25	<i>Observation</i>	<i>Predicted Y</i>	<i>Residuals</i>				
26	1	5.15	-0.15				
27	2	3.65	-0.65				
28	3	9.05	-0.05				
29	4	7.55	1.45				
30	5	12.95	0.05				
31	6	11.45	-0.45				
32	7	16.85	0.15				
33	8	15.35	-0.35				

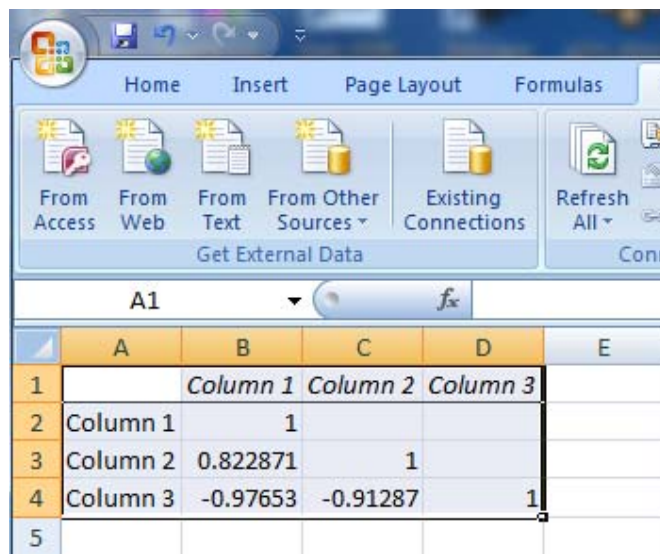
KORELACIONA ANALIZA

The screenshot shows the Microsoft Excel interface with the 'Data' tab selected. The 'Data Analysis' dialog box is open, and 'Correlation' is highlighted in the 'Analysis Tools' list. The background spreadsheet contains the following data:

	A	B	C
1	Y	X1	X2
2		5	6
3		3	8
4		9	8
5		9	10
6		13	10
7		11	12
8		17	12
9		15	14

The screenshot shows the Microsoft Excel interface with the 'Correlation' dialog box open. The 'Input Range' is set to '\$A\$2:\$C\$9'. The 'Grouped By' option is set to 'Columns'. The 'Labels in First Row' checkbox is unchecked. The 'Output options' section shows 'New Worksheet Ply' selected. The background spreadsheet is the same as in the first screenshot.

KORELACIONA MATRICA



The screenshot shows the Microsoft Excel interface with the 'Formulas' ribbon selected. The 'Get External Data' group is visible, including options like 'From Access', 'From Web', 'From Text', 'From Other Sources', 'Existing Connections', and 'Refresh All'. The active cell is A1, and the formula bar shows a function symbol (fx). The spreadsheet displays a correlation matrix for three columns: Column 1, Column 2, and Column 3. The diagonal elements are all 1, indicating perfect self-correlation. The correlation between Column 1 and Column 2 is 0.822871, and between Column 1 and Column 3 is -0.97653. The correlation between Column 2 and Column 3 is -0.91287.

	A	B	C	D	E
1		Column 1	Column 2	Column 3	
2	Column 1	1			
3	Column 2	0.822871	1		
4	Column 3	-0.97653	-0.91287	1	
5					