



Grafički prikaz podataka

Osnove statistike 2019/2020

dr Aleksandar Tomašević

25.02.2020

Filozofski fakultet u Novom Sadu

1. Tabulacija
2. Histogram
3. Boks-plot
4. Linijski diagram
5. Diagram raspršenosti
6. Literatura

Tabulacija

1. Analyze
2. Descriptive statistics
3. Frequencies

Variable(s):

Koliko ste zainteresovani za politiku? [polint]

Statistics...
Charts...
Format...
Bootstrap...


☒ Display frequency tables


OK Paste Reset Cancel Help


Koliko ste zainteresovani za politiku?


		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Veoma zainteresovan	109	5.3	5.4	5.4
	2 Prilicno zainteresovan	373	18.2	18.3	23.7
	3 Nisam zainteresovan	828	40.5	40.7	64.3
	4 Nisam uopste interesovan	726	35.5	35.7	100.0
	Total	2036	99.5	100.0	
Missing	7 Odbija	4	.2		
	8 Ne zna	6	.3		
	Total	10	.5		
Total		2046	100.0		


1. Analyze
2. Descriptive statistics
3. Crosstabs


 Koliko cesto se molite van religijskih ceremonija [reimo...]


 Da li planirate buducnost ili zivite od danas za sutra [plan]


 Broj clanova domacinstva [domclan]


 Starost [starost]


 Pravni bracni status [brak]


 Tip naselja u kojem zivite [naselje]


 Stepen obrazovanja [obrazstepen]


 Godine formalnog obrazovanja [obrazgodine]


 Koliko sati radite nedeljno ukljucujuci i prekovremeni ra...


 U kom tipu radne organizacije radite [radorg]


 Glavni izvor prihoda domacinstva [prihodizvor]


 Prihod domacinstva svi izvori [prihodi]


 Subjektivni osecaj o vasim prihodima [prihodisub]


 Politicki sistem u ovoj zemlji omogucava svima da uces...


 Vlada u ovoj zemlji uzima u obzir interese svih gradjana...


 Politicke odluke u ovoj zemlji su transparentne [poltran]


 U odnosu na druge imao sam postenu sansu da se ob...


 U odnosu na druge imao sam postenu sansu da dobij...


 Svako u ovoj zemlji ima priliku da se obrazuje onoliko k...


 Svako u ovoj zemlji ima priliku da dobije posao koji zeli ...

 Kolika su vasa prosečna bruto primanja [prosecnabruto]

 Sta bi za vas bila postena prosečna bruto primanja [po...

 Uticaj na zaposlenje: znanja i vistine [zapzna]

 Uticaj na zaposlenje: radno iskustvo [zaplsk]

 Uticaj na zaposlenje: osoba poznaje nekoga [zapveza]

Row(s):

Koliko ste zainteresovani za politiku? [polint]

Column(s):

Pol [pol]

Layer 1 of 1

Previous

Next

Display layer variables in table layers

☐ Display clustered bar charts

☐ Suppress tables

OK

Paste

Reset

Cancel

Help

Exact...

Statistics...

Cells...

Format...

Bootstrap...

Koliko ste zainteresovani za politiku? * Pol Crosstabulation

Count

		Pol		Total
		1 Muskarac	2 Zena	
Koliko ste zainteresovani za politiku?	1 Veoma zainteresovan	69	40	109
	2 Prilicno zainteresovan	217	156	373
	3 Nisam zainteresovan	412	416	828
	4 Nisam uopste interesovan	284	442	726
Total		982	1054	2036

Histogram

1. Graphs

2. Chart builder

Variables:

- Koliko minuta dn...
- Koliko cesto kori...
- Koliko minuta dn...
- Koliko ste zainter...
- Politicki sistem o...
- Poverenje u naci...
- Poverenje u prav...
- Poverenje u polic...
- Poverenje u polit...
- Poverenje u polit...
- Poverenje u Evro...

No categories (scale variable)

Chart preview uses example data



Koliko ste zainteresovani za politiku?

Gallery

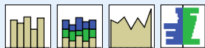
Basic Elements

Groups/Point ID

Titles/Footnotes

Choose from:

- Favorites
- Bar
- Line
- Area
- Pie/Polar
- Scatter/Dot
- Histogram**
- High-Low
- Boxplot
- Dual Axes



Element Properties...

Options...

Edit Properties of:

Bar1

X-Axis 1 (Bar1)

Y-Axis 1 (Bar1)

Statistics

Variable:

Statistic:

Count

Set Parameters...

☐ Display error bars

Error Bars Represent

☒ Confidence intervals

Level (%): 95

☐ Standard error

Multiplier: 2

☐ Standard deviation

Multiplier: 2

Bar Style:

Bar

Apply

Close

Help

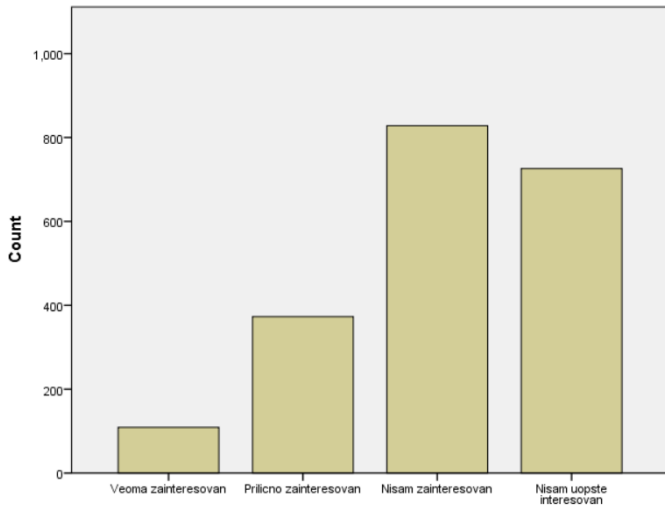
OK

Paste

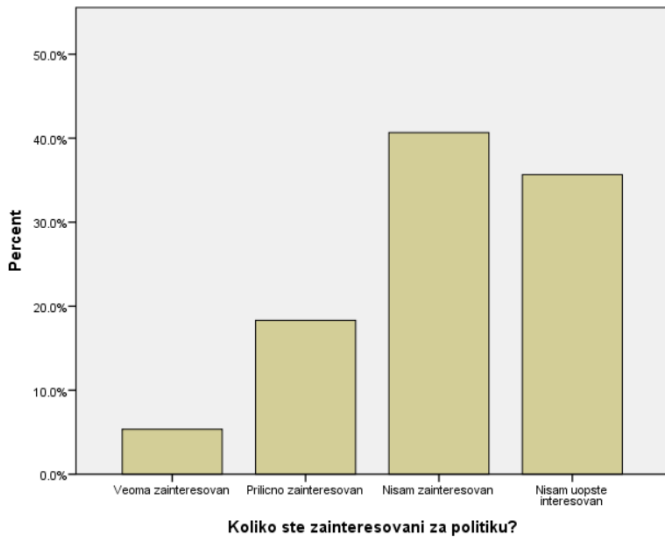
Reset

Cancel

Help



Koliko ste zainteresovani za politiku?



Boks-plot

Chart Builder

Variables:

Chart preview uses example data

Koliko minuta dn...
Koliko cesto kori...
Koliko minuta dn...
Koliko ste zainteres...
Politicki sistem o...
Poverenje u naci...
Poverenje u prav...
Poverenje u politic...
Poverenje u politi...
Poverenje u politi...
Poverenje u Evro...

No categories (scale variable)

Koliko minuta dnevno provodite na...
X-Axis?

Gallery Basic Elements Groups/Point ID Titles/Footnotes

Choose from:

Favorites
Bar
Line
Area
Pie/Polar
Scatter/Dot
Histogram
High-Low
Boxplot
Dual Axes

OK Paste Reset Cancel Help

Element Properties

Edit Properties of:

Box1
X-Axis1 (Box1)
Y-Axis1 (Box1)

Statistics

Variable: Koliko minuta dnevno provodite na...
Statistic: Boxplot
Set Parameters...

Display error bars

Error Bars Represent

☒ Confidence intervals
Level (%): 95

☐ Standard error
Multiplier: 2

☐ Standard deviation
Multiplier: 2

Element Properties...
Options...

Apply Close Help

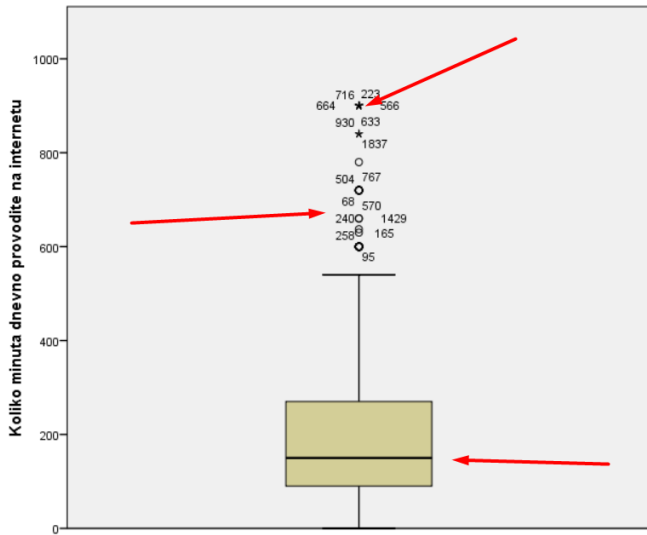
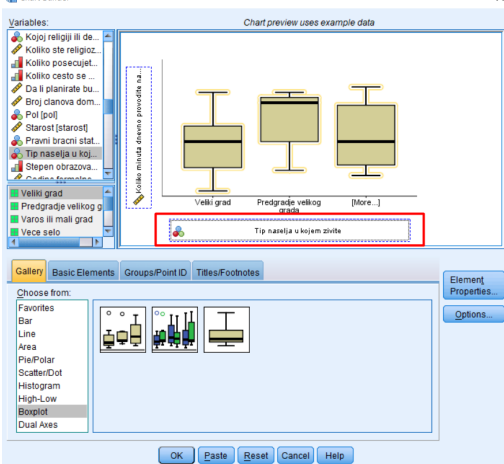


Chart Builder



Element Properties

Edit Properties of:

Box1

X-Axis 1 (Box1)

Y-Axis 1 (Box1)

Statistics

Variable: Koliko minuta dnevno provodite n...

Statistic:

Boxplot

Set Parameters...

Display error bars

Error Bars Represent

☒ Confidence intervals

Level (%): 95

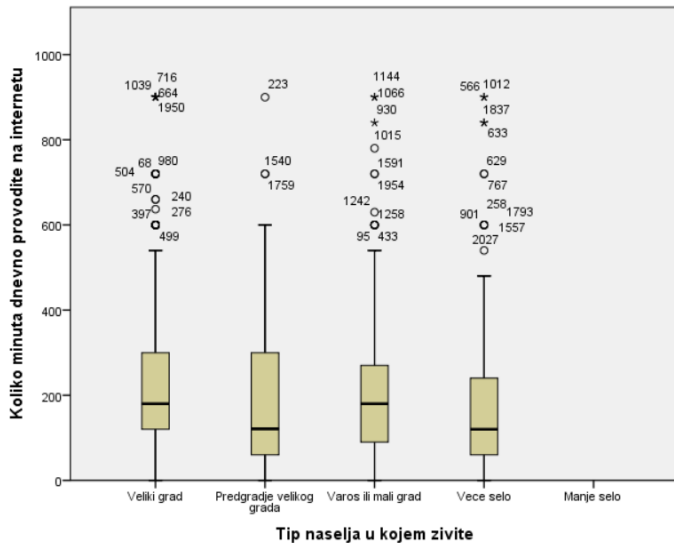
☐ Standard error

Multiplier: 2

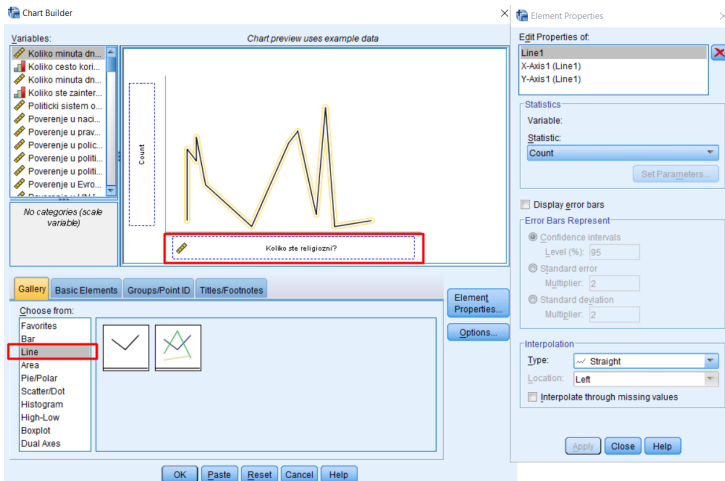
☐ Standard deviation

Multiplier: 2

Apply Close Help



Linijski dijagram



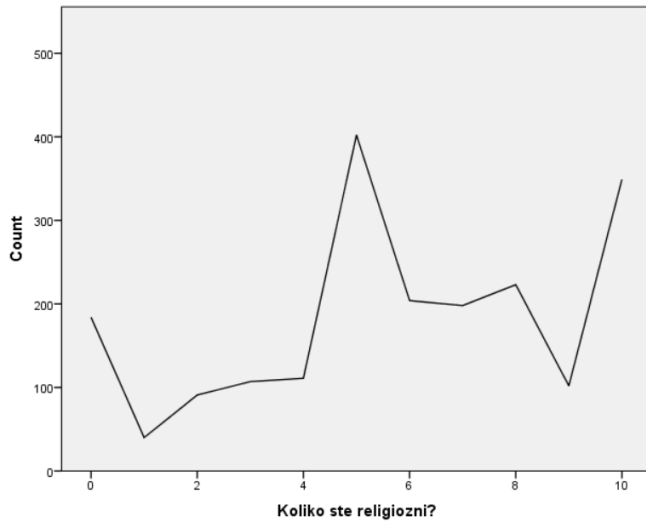


Chart Builder

Variables: Chart preview uses example data

Count

Koliko ste religiozni?

1

2

Set color

Pol

Gallery Basic Elements Groups/Point ID Titles/Footnotes

Choose from:

- Favorites
- Bar
- Line
- Area
- Pie/Polar
- Scatter/Dot
- Histogram
- High-Low
- Boxplot
- Dual Axes

OK Paste Reset Cancel Help

Element Properties

Edit Properties of:

Line1

X-Axis1 (Line1)

Y-Axis1 (Line1)

Group/Color (Line1)

Statistics

Variable:

Statistic:

Count

Set Parameters

Display error bars

Error Bars Represent

- ☒ Confidence intervals
- Level (%): 95
- ☒ Standard error
- Multiplier: 2
- ☒ Standard deviation
- Multiplier: 2

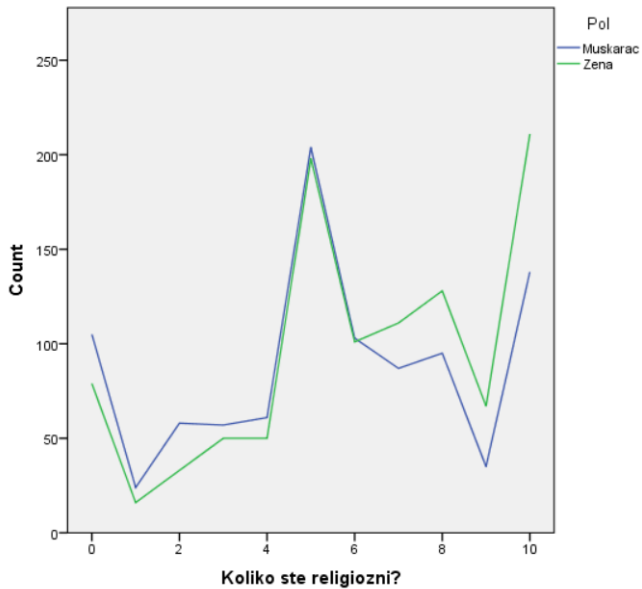
Interpolation

Type:

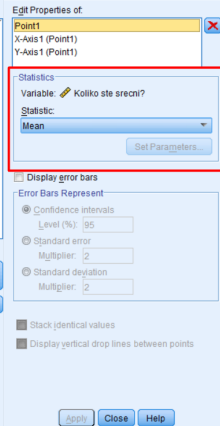
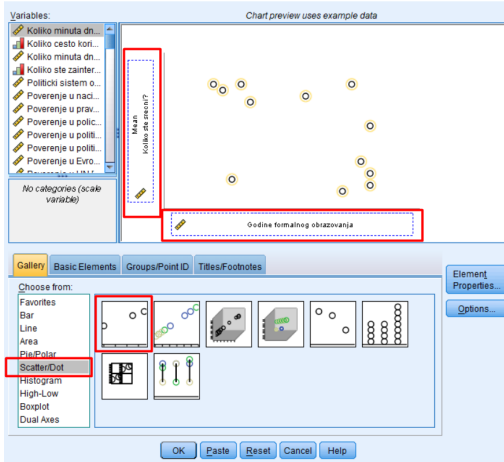
Location:

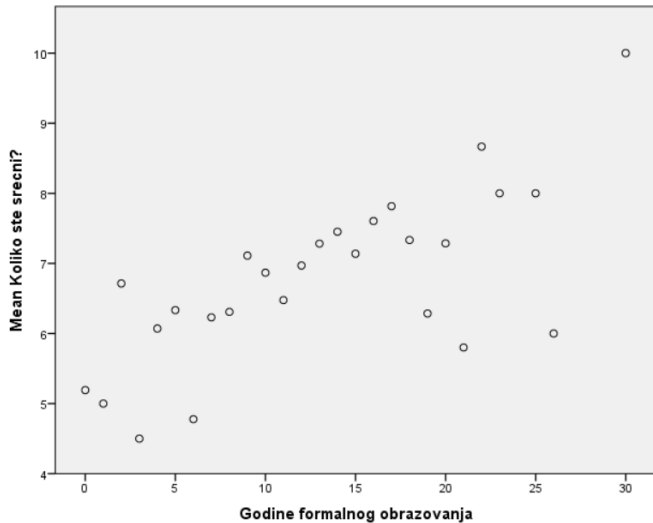
☐ Interpolate through missing values

Apply Close Help



Dijagram raspršenosti





Literatura

- Poglavlje 6

- Kategorijske promenljive

- Poglavlje 7

- Histogrami
 - Linijski dijagrami
 - Dijagrami rasturanja
 - Pravougaoni dijagram