

Biyostatistik

5

Histogram Grafiđi izmek

Histogram Grafiđi

- 20 kiřinin boy uzunluđu verilerini normal dađılım yönünden Histogram grafiđini SPSS'te çizerek arařtıralım.



	var	var	var	var	var	var	var	var	var	var	var	var
1												
2												
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20												
21												
22												
23												



	Name	Type	Width	Decimals	Label	Values	Missing	Columns	Align	Measure
1										
2										
3										
4										
5										
6										
7										
8										
9										
10										
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18										
19										
20										
21										
22										
23										
24										
25										



	Name	Type	Width	Decimals	Label	Values	Missing	Columns	Align	Measure
1	Boy	Numeric	8	2		None	None	8	Right	Scale
2										
3										
4										
5										
6										
7										
8										
9										
10										
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15										
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17										
18										
19										
20										
21										
22										
23										
24										
25										

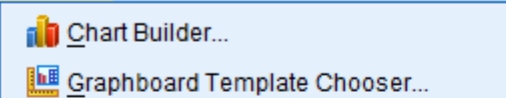


	Boy	var	var	var	var	var	var	var	var	var	var	var
1												
2												
3												
4												
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16												
17												
18												
19												
20												
21												
22												
23												





	Boy	var	var	var	var	var	var	var	var	var	var	var
1	185,00											
2	188,00											
3	170,00											
4	173,00											
5	169,00											
6	172,00											
7	168,00											
8	165,00											
9	190,00											
10	178,00											
11	177,00											
12	167,00											
13	170,00											
14	182,00											
15	180,00											
16	184,00											
17	170,00											
18	168,00											
19	167,00											
20	166,00											
21												
22												
23												



Legacy Dialogs

- Bar...
- 3-D Bar...
- Line...
- Area...
- Pie...
- High-Low...
- Boxplot...
- Error Bar...
- Population Pyramid...
- Scatter/Dot...
- Histogram...**

	Boy	var	var	var	var	var	var	var	var
1	185,00								
2	188,00								
3	170,00								
4	173,00								
5	169,00								
6	172,00								
7	168,00								
8	165,00								
9	190,00								
10	178,00								
11	177,00								
12	167,00								
13	170,00								
14	182,00								
15	180,00								
16	184,00								
17	170,00								
18	168,00								
19	167,00								
20	166,00								
21									
22									
23									



	Boy	var	var	var
1	185,00			
2	188,00			
3	170,00			
4	173,00			
5	169,00			
6	172,00			
7	168,00			
8	165,00			
9	190,00			
10	178,00			
11	177,00			
12	167,00			
13	170,00			
14	182,00			
15	180,00			
16	184,00			
17	170,00			
18	168,00			
19	167,00			
20	166,00			
21				
22				
23				

Histogram

Variable: Titles...

Display normal curve

Panel by

Rows: →

Nest variables (no empty rows)

Columns: →

Nest variables (no empty columns)

Template

Use chart specifications from: File...

OK Paste Reset Cancel Help



	Boy	var	var	var
1	185,00			
2	188,00			
3	170,00			
4	173,00			
5	169,00			
6	172,00			
7	168,00			
8	165,00			
9	190,00			
10	178,00			
11	177,00			
12	167,00			
13	170,00			
14	182,00			
15	180,00			
16	184,00			
17	170,00			
18	168,00			
19	167,00			
20	166,00			
21				
22				
23				

Histogram

Variable: Titles...

Display normal curve

Panel by

Rows:

Nest variables (no empty rows)

Columns:

Nest variables (no empty columns)

Template

Use chart specifications from:



	Boy	var	var	var
1	185,00			
2	188,00			
3	170,00			
4	173,00			
5	169,00			
6	172,00			
7	168,00			
8	165,00			
9	190,00			
10	178,00			
11	177,00			
12	167,00			
13	170,00			
14	182,00			
15	180,00			
16	184,00			
17	170,00			
18	168,00			
19	167,00			
20	166,00			
21				
22				
23				

Histogram

Variable: Titles...

Display normal curve

Panel by

Rows:

Nest variables (no empty rows)

Columns:

Nest variables (no empty columns)

Template

Use chart specifications from: File...

OK Paste Reset Cancel Help

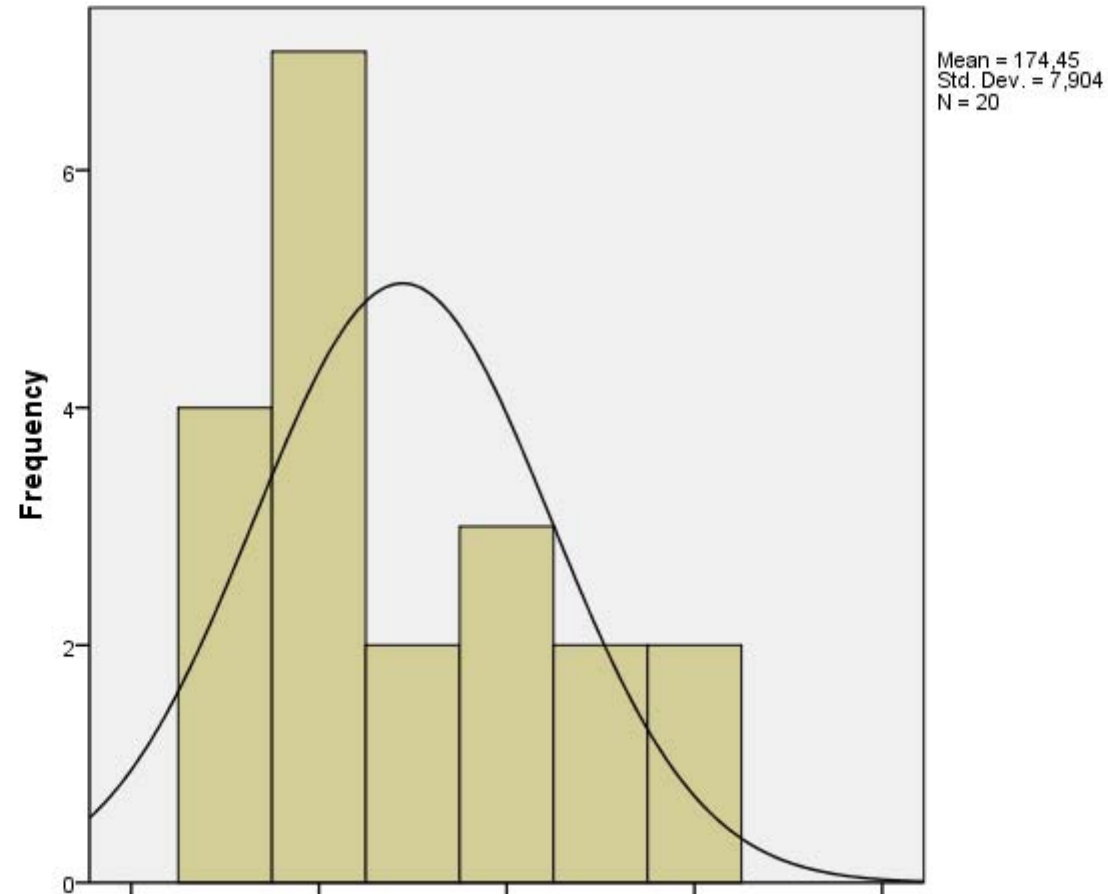


- Output
 - Log
 - Graph
 - Title
 - Notes
 - Active Dataset
 - Histogram of Boy

GRAPH
/HISTOGRAM(NORMAL)=Boy.

→ **Graph**

[DataSet0]



One-Sample Kolmogorov-Smirnov Testi (1-Sample K-S)

One-Sample Kolmogorov-Smirnov Testi (1-Sample K-S)

- 20 kişinin boy uzunluğu verilerini normal dağılım yönünden araştıralım.



	Boy	var	var	var	var	var	var	var	var	var	var	var
1	185,00											
2	188,00											
3	170,00											
4	173,00											
5	169,00											
6	172,00											
7	168,00											
8	165,00											
9	190,00											
10	178,00											
11	177,00											
12	167,00											
13	170,00											
14	182,00											
15	180,00											
16	184,00											
17	170,00											
18	168,00											
19	167,00											
20	166,00											
21												
22												
23												



	Boy	var
1	185,00	
2	188,00	
3	170,00	
4	173,00	
5	169,00	
6	172,00	
7	168,00	
8	165,00	
9	190,00	
10	178,00	
11	177,00	
12	167,00	
13	170,00	
14	182,00	
15	180,00	
16	184,00	
17	170,00	
18	168,00	
19	167,00	
20	166,00	
21		
22		
23		

- Reports
- Descriptive Statistics
- Tables
- Compare Means
- General Linear Model
- Generalized Linear Models
- Mixed Models
- Correlate
- Regression
- Loglinear
- Neural Networks
- Classify
- Dimension Reduction
- Scale
- Nonparametric Tests**
- Forecasting
- Survival
- Multiple Response
- Missing Value Analysis...
- Multiple Imputation
- Complex Samples
- Quality Control
- ROC Curve...

- One Sample...
- Independent Samples...
- Related Samples...
- Legacy Dialogs**

- Chi-square...
- Binomial...
- Runs...
- 1-Sample K-S...**
- 2 Independent Samples...
- K Independent Samples...
- 2 Related Samples...
- K Related Samples...



	Boy	var	var	var	var	var	var	var	var	var	var	var
1	185,00											
2	188,00											
3	170,00											
4	173,00											
5	169,00											
6	172,00											
7	168,00											
8	165,00											
9	190,00											
10	178,00											
11	177,00											
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15	180,00											
16	184,00											
17	170,00											
18	168,00											
19	167,00											
20	166,00											
21												
22												
23												

One-Sample Kolmogorov-Smirnov Test

Test Variable List:

Boy

Test Distribution

Normal Uniform
 Poisson Exponential

Exact...
Options...

OK Paste Reset Cancel Help



	Boy	var	var	var	var	var	var	var	var	var	var	var
1	185,00											
2	188,00											
3	170,00											
4	173,00											
5	169,00											
6	172,00											
7	168,00											
8	165,00											
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15	180,00											
16	184,00											
17	170,00											
18	168,00											
19	167,00											
20	166,00											
21												
22												
23												

One-Sample Kolmogorov-Smirnov Test

Test Variable List: Boy

Test Distribution: Normal Uniform Poisson Exponential

Buttons: OK, Paste, Reset, Cancel, Help, Exact..., Options...



- Output
 - Log
 - NPar Tests
 - Title
 - Notes
 - Active Dataset
 - One-Sample Kolm

NPAR TESTS

/K-S (NORMAL) =Boy
/MISSING ANALYSIS.

→ NPar Tests

[DataSet0]

One-Sample Kolmogorov-Smirnov Test

		Boy
N		20
Normal Parameters ^{a, b}	Mean	174,4500
	Std. Deviation	7,90386
Most Extreme Differences	Absolute	,213
	Positive	,213
	Negative	-,116
Kolmogorov-Smirnov Z		,954
Asymp. Sig. (2-tailed)		,323

a. Test distribution is Normal.

b. Calculated from data.

İlginiz İçin Teşekkürler