```
ONEWAY totkol BY kilogrup
 /STATISTICS DESCRIPTIVES
 /MISSING ANALYSIS
 /CRITERIA=CILEVEL(0.95).
```

Oneway

Notes

Output Created		28-OCT-2020 14:53:09
Comments		
Input	Data	C:\Users\lenovo\Desktop\IBM SPSS\Kaynak\one -way anova test.sav
	Active Dataset	DataSet1
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	295
Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	Statistics for each analysis are based on cases with no missing data for any variable in the analysis.
Syntax		ONEWAY totkol BY kilogrup /STATISTICS DESCRIPTIVES /MISSING ANALYSIS /CRITERIA=CILEVEL (0.95).
Resources	Processor Time	00:00:00,02
	Elapsed Time	00:00:00,05

Descriptives

total kolesterol düzeyi

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean	
					Lower Bound	Upper Bound
1,00	49	162,1020	56,30617	8,04374	145,9290	178,2751
2,00	114	152,7281	36,26166	3,39622	145,9996	159,4566
3,00	78	158,5385	36,61690	4,14605	150,2826	166,7943
4,00	54	162,7963	53,19752	7,23927	148,2762	177,3164
Total	295	157,6644	43,61309	2,53925	152,6670	162,6618

Descriptives

total kolesterol düzeyi

	Minimum	Maximum
1,00	86,00	450,00
2,00	68,00	255,00
3,00	61,00	266,00
4,00	64,00	422,00
Total	61,00	450,00

ANOVA

total kolesterol düzeyi

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	5224,572	3	1741,524	,915	,434
Within Groups	553993,204	291	1903,757		
Total	559217,776	294			

```
ONEWAY tasis BY kilogrup
 /STATISTICS DESCRIPTIVES
 /MISSING ANALYSIS
 /CRITERIA=CILEVEL(0.95).
```

Oneway

Notes

Output Created		28-OCT-2020 14:53:40
Comments		
Input	Data	C:\Users\lenovo\Desktop\IBM SPSS\Kaynak\one -way anova test.sav
	Active Dataset	DataSet1
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	295
Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	Statistics for each analysis are based on cases with no missing data for any variable in the analysis.
Syntax		ONEWAY tasis BY kilogrup /STATISTICS DESCRIPTIVES /MISSING ANALYSIS /CRITERIA=CILEVEL (0.95).
Resources	Processor Time	00:00:00,02
	Elapsed Time	00:00:00,03

Descriptives

sistolik kan basıncı

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean	
					Lower Bound	Upper Bound
1,00	49	126,7347	15,69737	2,24248	122,2259	131,2435
2,00	114	123,8596	22,48928	2,10631	119,6867	128,0326
3,00	78	139,2949	22,00538	2,49162	134,3334	144,2563
4,00	54	126,5741	18,57733	2,52805	121,5034	131,6447
Total	295	128,9153	21,53962	1,25409	126,4471	131,3834

Descriptives

sistolik kan basıncı

	Minimum	Maximum
1,00	100,00	160,00
2,00	80,00	200,00
3,00	100,00	220,00
4,00	90,00	165,00
Total	80,00	220,00

ANOVA

sistolik kan basıncı

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	11846,154	3	3948,718	9,225	,000
Within Groups	124556,727	291	428,030		
Total	136402,881	294			

```
ONEWAY tasis BY kilogrup
 /STATISTICS DESCRIPTIVES HOMOGENEITY
 /MISSING ANALYSIS
 /CRITERIA=CILEVEL(0.95).
```

Oneway

Notes

Output Created		28-OCT-2020 14:53:56
Comments		
Input	Data	C:\Users\lenovo\Desktop\IBM SPSS\Kaynak\one -way anova test.sav
	Active Dataset	DataSet1
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	295
Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	Statistics for each analysis are based on cases with no missing data for any variable in the analysis.
Syntax		ONEWAY tasis BY kilogrup /STATISTICS DESCRIPTIVES HOMOGENEITY /MISSING ANALYSIS /CRITERIA=CILEVEL (0.95).
Resources	Processor Time	00:00:00,02
	Elapsed Time	00:00:00,03

Descriptives

sistolik kan basıncı

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean	
					Lower Bound	Upper Bound
1,00	49	126,7347	15,69737	2,24248	122,2259	131,2435
2,00	114	123,8596	22,48928	2,10631	119,6867	128,0326
3,00	78	139,2949	22,00538	2,49162	134,3334	144,2563
4,00	54	126,5741	18,57733	2,52805	121,5034	131,6447
Total	295	128,9153	21,53962	1,25409	126,4471	131,3834

Descriptives

sistolik kan basıncı

	Minimum	Maximum
1,00	100,00	160,00
2,00	80,00	200,00
3,00	100,00	220,00
4,00	90,00	165,00
Total	80,00	220,00

Tests of Homogeneity of Variances

		Levene Statistic	df1	df2	Sig.
sistolik kan basıncı	Based on Mean	1,691	3	291	,169
	Based on Median	1,624	3	291	,184
	Based on Median and with adjusted df	1,624	3	272,927	,184
	Based on trimmed mean	1,562	3	291	,199

ANOVA

sistolik kan basıncı

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	11846,154	3	3948,718	9,225	,000
Within Groups	124556,727	291	428,030		
Total	136402,881	294			

```
ONEWAY tasis BY kilogrup
 /STATISTICS DESCRIPTIVES HOMOGENEITY
 /MISSING ANALYSIS
 /CRITERIA=CILEVEL(0.95)
 /POSTHOC=TUKEY ALPHA(0,05).
```

Oneway

Notes

Output Created		28-OCT-2020 14:54:15
Comments		
Input	Data	C:\Users\lenovo\Desktop\IBM SPSS\Kaynak\one -way anova test.sav
	Active Dataset	DataSet1
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	295
Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	Statistics for each analysis are based on cases with no missing data for any variable in the analysis.
Syntax		ONEWAY tasis BY kilogrup /STATISTICS DESCRIPTIVES HOMOGENEITY /MISSING ANALYSIS /CRITERIA=CILEVEL (0.95) /POSTHOC=TUKEY ALPHA(0,05).
Resources	Processor Time	00:00:00,00
	Elapsed Time	00:00:00,00

Warnings

The ALPHA value 0 in the POSTHOC subcommand is invalid. The value must be between 0 and 1 (excluding the ends).
Execution of this command stops.

```
ONEWAY tasis BY kilogrup
 /STATISTICS DESCRIPTIVES HOMOGENEITY
 /MISSING ANALYSIS
 /CRITERIA=CILEVEL(0.95)
 /POSTHOC=TUKEY ALPHA(0.05).
```

Oneway

Notes

Output Created		28-OCT-2020 14:58:04
Comments		
Input	Data	C:\Users\lenovo\Desktop\IBM SPSS\Kaynak\one -way anova test.sav
	Active Dataset	DataSet1
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	295
Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	Statistics for each analysis are based on cases with no missing data for any variable in the analysis.
Syntax		ONEWAY tasis BY kilogrup /STATISTICS DESCRIPTIVES HOMOGENEITY /MISSING ANALYSIS /CRITERIA=CILEVEL (0.95) /POSTHOC=TUKEY ALPHA(0.05).
Resources	Processor Time	00:00:00,02
	Elapsed Time	00:00:00,03

Descriptives

sistolik kan basıncı

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean	
					Lower Bound	Upper Bound
1,00	49	126,7347	15,69737	2,24248	122,2259	131,2435
2,00	114	123,8596	22,48928	2,10631	119,6867	128,0326
3,00	78	139,2949	22,00538	2,49162	134,3334	144,2563
4,00	54	126,5741	18,57733	2,52805	121,5034	131,6447
Total	295	128,9153	21,53962	1,25409	126,4471	131,3834

Descriptives

sistolik kan basıncı

	Minimum	Maximum
1,00	100,00	160,00
2,00	80,00	200,00
3,00	100,00	220,00
4,00	90,00	165,00
Total	80,00	220,00

Tests of Homogeneity of Variances

		Levene Statistic	df1	df2	Sig.
sistolik kan basıncı	Based on Mean	1,691	3	291	,169
	Based on Median	1,624	3	291	,184
	Based on Median and with adjusted df	1,624	3	272,927	,184
	Based on trimmed mean	1,562	3	291	,199

ANOVA

sistolik kan basıncı

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	11846,154	3	3948,718	9,225	,000
Within Groups	124556,727	291	428,030		
Total	136402,881	294			

Post Hoc Tests

Multiple Comparisons

Dependent Variable: sistolik kan basıncı

Tukey HSD

(I) kilo gruplama	(J) kilo gruplama	Mean Difference (I-J)	Std. Error	Sig.	95% ... Lower Bound
1,00	2,00	2,87504	3,53411	,848	-6,2569
	3,00	-12,56018*	3,77132	,005	-22,3050
	4,00	,16062	4,08189	1,000	-10,3867
2,00	1,00	-2,87504	3,53411	,848	-12,0070
	3,00	-15,43522*	3,04010	,000	-23,2907
	4,00	-2,71442	3,41777	,857	-11,5457
3,00	1,00	12,56018*	3,77132	,005	2,8153
	2,00	15,43522*	3,04010	,000	7,5798
	4,00	12,72080*	3,66252	,003	3,2571
4,00	1,00	-,16062	4,08189	1,000	-10,7080
	2,00	2,71442	3,41777	,857	-6,1169
	3,00	-12,72080*	3,66252	,003	-22,1845

Multiple Comparisons

Dependent Variable: sistolik kan basıncı

Tukey HSD

(I) kilo gruplama	(J) kilo gruplama	95% Confidence . Upper Bound
1,00	2,00	12,0070
	3,00	-2,8153
	4,00	10,7080
2,00	1,00	6,2569
	3,00	-7,5798
	4,00	6,1169
3,00	1,00	22,3050
	2,00	23,2907
	4,00	22,1845
4,00	1,00	10,3867
	2,00	11,5457
	3,00	-3,2571

*. The mean difference is significant at the 0.05 level.

Homogeneous Subsets

sistolik kan basıncı

Tukey HSD[a,b]

kilo gruplama	N	Subset for alpha = 0.05	
		1	2
2,00	114	123,8596	
4,00	54	126,5741	
1,00	49	126,7347	
3,00	78		139,2949
Sig.		,855	1,000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 66,095.

b. The group sizes are unequal. The harmonic mean of the group sizes is used. Type I error levels are not guaranteed.