

```

GET
  FILE='C:\Users\lenovo\Desktop\IBM SPSS\Kaynak\iki yönlü varyans analizi.sav'.
DATASET NAME DataSet1 WINDOW=FRONT.
UNIANOVA tasis BY cinsi dm
  /METHOD=SSTYPE(3)
  /INTERCEPT=INCLUDE
  /PRINT DESCRIPTIVE HOMOGENEITY
  /CRITERIA=ALPHA(.05)
  /DESIGN=cinsi dm cinsi*dm.

```

Univariate Analysis of Variance

Notes

Output Created		01-NOV-2020 15:39:22
Comments		
Input	Data	C:\Users\lenovo\Desktop\IBM SPSS\Kaynak\iki yönlü varyans analizi.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 are based on all cases with valid data for all variables in the model.
Syntax		UNIANOVA tasis BY cinsi dm /METHOD=SSTYPE(3) /INTERCEPT=INCLUDE /PRINT DESCRIPTIVE HOMOGENEITY /CRITERIA=ALPHA(.05) /DESIGN=cinsi dm cinsi*dm.
Resources	Processor Time	00:00:00,06
	Elapsed Time	00:00:00,08

[DataSet1] C:\Users\lenovo\Desktop\IBM SPSS\Kaynak\iki yönlü varyans analizi.sav

Between-Subjects Factors

		Value Label	N
cinsiyet	,00	Kadın	184
	1,00	Erkek	111
diabet oykusu	,00	hayir	264
	1,00	evet	31

Descriptive Statistics

Dependent Variable: sistolik kan basıncı

cinsiyet	diabet oykusu	Mean	Std. Deviation	N
Kadın	hayir	129,1916	22,13266	167
	evet	140,5882	20,75771	17
	Total	130,2446	22,20299	184
Erkek	hayir	124,2268	18,64331	97
	evet	143,9286	23,54852	14
	Total	126,7117	20,29885	111
Total	hayir	127,3674	21,01922	264
	evet	142,0968	21,74757	31
	Total	128,9153	21,53962	295

Levene's Test of Equality of Error Variances^{a,b}

		Levene Statistic	df1	df2	Sig.
sistolik kan basıncı	Based on Mean	,290	3	291	,832
	Based on Median	,293	3	291	,831
	Based on Median and with adjusted df	,293	3	278,226	,831
	Based on trimmed mean	,303	3	291	,823

Tests the null hypothesis that the error variance of the dependent variable is equal across groups.

- Dependent variable: sistolik kan basıncı
- Design: Intercept + cinsi + dm + cinsi * dm

Tests of Between-Subjects Effects

Dependent Variable: sistolik kan basıncı

Source	Type III Sum of Squares	df	Mean Square	F	Sig.
Corrected Model	7616,957 ^a	3	2538,986	5,737	,001
Intercept	1974585,381	1	1974585,381	4461,701	,000
cinsi	18,007	1	18,007	,041	,840
dm	6599,205	1	6599,205	14,911	,000
cinsi * dm	470,664	1	470,664	1,063	,303
Error	128785,925	291	442,563		
Total	5039050,000	295			
Corrected Total	136402,881	294			

a. R Squared = ,056 (Adjusted R Squared = ,046)