```
UNIANOVA Hasil BY Penerapan Gaya
  /METHOD=SSTYPE(3)
  /INTERCEPT=INCLUDE
  /SAVE=ZRESID
  /POSTHOC=Penerapan Gaya(TUKEY)
  /EMMEANS=TABLES(Penerapan)
  /EMMEANS=TABLES(Gaya)
  /EMMEANS=TABLES(Penerapan*Gaya)
  /PRINT=HOMOGENEITY DESCRIPTIVE
  /CRITERIA=ALPHA(.05)
  /DESIGN=Penerapan Gaya Penerapan*Gaya.
```

Univariate Analysis of Variance

Notes

Output Created		27-AUG-2021 21:16:54
Comments		
Input	Active Dataset	DataSet0
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	112
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 Hasil BY Penerapan Gaya /METHOD=SSTYPE(3) /INTERCEPT=INCLUDE /SAVE=ZRESID /POSTHOC=Penerapan Gaya (TUKEY) /EMMEANS=TABLES(Penerapan) /EMMEANS=TABLES(Gaya) /EMMEANS=TABLES (Penerapan*Gaya) /PRINT=HOMOGENEITY DESCRIPTIVE /CRITERIA=ALPHA(.05) /DESIGN=Penerapan Gaya Penerapan*Gaya.
Resources	Processor Time	00:00:00.06
	Elapsed Time	00:00:00.09
Variables Created or Modified	ZRE_1	Standardized Residual for Hasil

[DataSet0]

Warnings

Post hoc tests are not performed for Penerapan Aplikasi because there are fewer than three groups.

Between-Subjects Factors

		Value Label	N
Penerapan Aplikasi	1	Aplikasi Geogebra	57
	2	Non Aplikasi/Konvensional	55
Gaya Belajar	1	Visual	46
	2	Auditorial	41
	3	Kinestetik	25

Descriptive Statistics

Dependent Variable: Hasil Belajar Matematika

Penerapan Aplikasi	Gaya Belajar	Mean	Std. Deviation	N
Aplikasi Geogebra	Visual	88.20	8.241	25
	Auditorial	85.67	7.837	18
	Kinestetik	85.36	7.459	14
	Total	86.70	7.903	57
Non Aplikasi/Konvensional	Visual	56.67	11.133	21
	Auditorial	57.30	6.983	23
	Kinestetik	52.55	9.903	11
	Total	56.11	9.341	55
Total	Visual	73.80	18.534	46
	Auditorial	69.76	16.000	41
	Kinestetik	70.92	18.637	25
	Total	71.68	17.606	112

Levene's Test of Equality of Error Variances[a]

Dependent Variable: Hasil Belajar Matematika

F	df1	df2	Sig.
.472	5	106	.797

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

a. Design: Intercept + Penerapan + Gaya + Penerapan * Gaya

Tests of Between-Subjects Effects

Dependent Variable: Hasil Belajar Matematika

Source	Type III Sum of Squares	df	Mean Square	F	Sig.
Corrected Model	26476.951[a]	5	5295.390	70.788	.000
Intercept	519368.782	1	519368.782	6942.839	.000
Penerapan	24627.176	1	24627.176	329.212	.000
Gaya	195.935	2	97.967	1.310	.274
Penerapan * Gaya	90.533	2	45.266	.605	.548
Error	7929.478	106	74.806		
Total	609842.000	112			
Corrected Total	34406.429	111			

a. R Squared = .770 (Adjusted R Squared = .759)

Estimated Marginal Means

1. Penerapan Aplikasi

Dependent Variable: Hasil Belajar Matematika

Penerapan Aplikasi	Mean	Std. Error	95% Confidence Interval	
			Lower Bound	Upper Bound
Aplikasi Geogebra	86.408	1.178	84.072	88.744
Non Aplikasi/Konvensional	55.505	1.230	53.067	57.944

2. Gaya Belajar

Dependent Variable: Hasil Belajar Matematika

Gaya Belajar	Mean	Std. Error	95% Confidence Interval	
			Lower Bound	Upper Bound
Visual	72.433	1.280	69.895	74.971
Auditorial	71.486	1.361	68.787	74.184
Kinestetik	68.951	1.742	65.497	72.406

3. Penerapan Aplikasi * Gaya Belajar

Dependent Variable: Hasil Belajar Matematika

Penerapan Aplikasi	Gaya Belajar	Mean	Std. Error	95% Confidence Interval	
				Lower Bound	Upper Bound
Aplikasi Geogebra	Visual	88.200	1.730	84.770	91.630
	Auditorial	85.667	2.039	81.625	89.708
	Kinestetik	85.357	2.312	80.774	89.940
Non Aplikasi/Konvensional	Visual	56.667	1.887	52.925	60.409
	Auditorial	57.304	1.803	53.729	60.880
	Kinestetik	52.545	2.608	47.375	57.716

Post Hoc Tests

Gaya Belajar

Multiple Comparisons

Dependent Variable: Hasil Belajar Matematika

Tukey HSD

(I) Gaya Belajar	(J) Gaya Belajar	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
Visual	Auditorial	4.05	1.858	.079	-.37	8.46
	Kinestetik	2.88	2.149	.375	-2.22	7.99
Auditorial	Visual	-4.05	1.858	.079	-8.46	.37
	Kinestetik	-1.16	2.195	.857	-6.38	4.05
Kinestetik	Visual	-2.88	2.149	.375	-7.99	2.22
	Auditorial	1.16	2.195	.857	-4.05	6.38

Based on observed means.
The error term is Mean Square(Error) = 74.806.

Homogeneous Subsets

Hasil Belajar Matematika

Tukey HSD[a,b,c]

Gaya Belajar	N	Subset 1
Auditorial	41	69.76
Kinestetik	25	70.92
Visual	46	73.80
Sig.		.129

Means for groups in homogeneous subsets are displayed.
Based on observed means.
The error term is Mean Square(Error) = 74.806.

a. Uses Harmonic Mean Sample Size = 34.831.

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

c. Alpha = .05.

```
SAVE OUTFILE='D:\Data Kerja\Dokumen S2\Tesis\Data Analisis Uji Normalitas Homogenitas dan Two '
    'way anova.sav'
  /COMPRESSED.
```

```
CORRELATIONS
  /VARIABLES=X01 X02 X03 X04 X05 X06 X07 X08 X09 X10 X11 X12 X13 X14 X15 X16
  /PRINT=TWOTAIL NOSIG
  /MISSING=PAIRWISE.
```

Correlations

Notes

Output Created		27-AUG-2021 18:38:29
Comments		
Input	Active Dataset	DataSet0
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	20
Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	Statistics for each pair of variables are based on all the cases with valid data for that pair.
Syntax		CORRELATIONS /VARIABLES=X01 X02 X03 X04 X05 X06 X07 X08 X09 X10 X11 X12 X13 X14 X15 X16 /PRINT=TWOTAIL NOSIG /MISSING=PAIRWISE.
Resources	Processor Time	00:00:00.02
	Elapsed Time	00:00:00.03

[DataSet0]

Correlations

		X01	X02	X03	X04	X05	X06
X01	Pearson Correlation	1	.405	.851**	.389	.405	.000
	Sig. (2-tailed)		.076	.000	.090	.076	1.000
	N	20	20	20	20	20	20
X02	Pearson Correlation	.405	1	.216	.912**	1.000**	.649**
	Sig. (2-tailed)	.076		.361	.000	.000	.002
	N	20	20	20	20	20	20
X03	Pearson Correlation	.851**	.216	1	.224	.216	-.112
	Sig. (2-tailed)	.000	.361		.343	.361	.637
	N	20	20	20	20	20	20
X04	Pearson Correlation	.389	.912**	.224	1	.912**	.753**
	Sig. (2-tailed)	.090	.000	.343		.000	.000
	N	20	20	20	20	20	20
X05	Pearson Correlation	.405	1.000**	.216	.912**	1	.649**
	Sig. (2-tailed)	.076	.000	.361	.000		.002
	N	20	20	20	20	20	20
X06	Pearson Correlation	.000	.649**	-.112	.753**	.649**	1
	Sig. (2-tailed)	1.000	.002	.637	.000	.002	
	N	20	20	20	20	20	20
X07	Pearson Correlation	.254	.193	.151	.260	.193	.286
	Sig. (2-tailed)	.280	.415	.524	.269	.415	.221
	N	20	20	20	20	20	20
X08	Pearson Correlation	.506*	.538*	.388	.567**	.538*	.531*
	Sig. (2-tailed)	.023	.014	.091	.009	.014	.016
	N	20	20	20	20	20	20
X09	Pearson Correlation	.360	-.152	.317	-.274	-.152	-.200
	Sig. (2-tailed)	.119	.523	.174	.242	.523	.397
	N	20	20	20	20	20	20
X10	Pearson Correlation	.471*	.278	.361	.314	.278	.177
	Sig. (2-tailed)	.036	.234	.118	.178	.234	.455
	N	20	20	20	20	20	20
X11	Pearson Correlation	-.099	.050	.034	.010	.050	.223
	Sig. (2-tailed)	.678	.834	.888	.968	.834	.344
	N	20	20	20	20	20	20
X12	Pearson Correlation	.457*	.309	.363	.401	.309	.273
	Sig. (2-tailed)	.043	.185	.115	.080	.185	.245
	N	20	20	20	20	20	20
X13	Pearson Correlation	.319	.343	.237	.368	.343	.356
	Sig. (2-tailed)	.171	.139	.314	.110	.139	.123
	N	20	20	20	20	20	20

Correlations

		X07	X08	X09	X10	X11	X12
X01	Pearson Correlation	.254	.506*	.360	.471*	-.099	.457*
	Sig. (2-tailed)	.280	.023	.119	.036	.678	.043
	N	20	20	20	20	20	20
X02	Pearson Correlation	.193	.538*	-.152	.278	.050	.309
	Sig. (2-tailed)	.415	.014	.523	.234	.834	.185
	N	20	20	20	20	20	20
X03	Pearson Correlation	.151	.388	.317	.361	.034	.363
	Sig. (2-tailed)	.524	.091	.174	.118	.888	.115
	N	20	20	20	20	20	20
X04	Pearson Correlation	.260	.567**	-.274	.314	.010	.401
	Sig. (2-tailed)	.269	.009	.242	.178	.968	.080
	N	20	20	20	20	20	20
X05	Pearson Correlation	.193	.538*	-.152	.278	.050	.309
	Sig. (2-tailed)	.415	.014	.523	.234	.834	.185
	N	20	20	20	20	20	20
X06	Pearson Correlation	.286	.531*	-.200	.177	.223	.273
	Sig. (2-tailed)	.221	.016	.397	.455	.344	.245
	N	20	20	20	20	20	20
X07	Pearson Correlation	1	.322	.198	.319	.277	.368
	Sig. (2-tailed)		.167	.403	.170	.238	.110
	N	20	20	20	20	20	20
X08	Pearson Correlation	.322	1	.152	.199	-.050	.232
	Sig. (2-tailed)	.167		.523	.400	.834	.326
	N	20	20	20	20	20	20
X09	Pearson Correlation	.198	.152	1	.123	.273	.293
	Sig. (2-tailed)	.403	.523		.607	.244	.210
	N	20	20	20	20	20	20
X10	Pearson Correlation	.319	.199	.123	1	.405	.707**
	Sig. (2-tailed)	.170	.400	.607		.077	.000
	N	20	20	20	20	20	20
X11	Pearson Correlation	.277	-.050	.273	.405	1	.438
	Sig. (2-tailed)	.238	.834	.244	.077		.053
	N	20	20	20	20	20	20
X12	Pearson Correlation	.368	.232	.293	.707**	.438	1
	Sig. (2-tailed)	.110	.326	.210	.000	.053	
	N	20	20	20	20	20	20
X13	Pearson Correlation	.455*	.222	.311	.783**	.671**	.790**
	Sig. (2-tailed)	.044	.347	.183	.000	.001	.000
	N	20	20	20	20	20	20

Correlations

		X13	X14	X15	X16
X01	Pearson Correlation	.319	.254	.536*	.644**
	Sig. (2-tailed)	.171	.280	.015	.002
	N	20	20	20	20
X02	Pearson Correlation	.343	.193	.339	.667**
	Sig. (2-tailed)	.139	.415	.144	.001
	N	20	20	20	20
X03	Pearson Correlation	.237	.151	.433	.513*
	Sig. (2-tailed)	.314	.524	.056	.021
	N	20	20	20	20
X04	Pearson Correlation	.368	.260	.352	.691**
	Sig. (2-tailed)	.110	.269	.128	.001
	N	20	20	20	20
X05	Pearson Correlation	.343	.193	.339	.667**
	Sig. (2-tailed)	.139	.415	.144	.001
	N	20	20	20	20
X06	Pearson Correlation	.356	.286	.239	.549*
	Sig. (2-tailed)	.123	.221	.309	.012
	N	20	20	20	20
X07	Pearson Correlation	.455*	1.000**	.465*	.571**
	Sig. (2-tailed)	.044	.000	.039	.009
	N	20	20	20	20
X08	Pearson Correlation	.222	.322	.294	.597**
	Sig. (2-tailed)	.347	.167	.209	.005
	N	20	20	20	20
X09	Pearson Correlation	.311	.198	.337	.274
	Sig. (2-tailed)	.183	.403	.146	.242
	N	20	20	20	20
X10	Pearson Correlation	.783**	.319	.849**	.727**
	Sig. (2-tailed)	.000	.170	.000	.000
	N	20	20	20	20
X11	Pearson Correlation	.671**	.277	.539*	.445*
	Sig. (2-tailed)	.001	.238	.014	.049
	N	20	20	20	20
X12	Pearson Correlation	.790**	.368	.844**	.782**
	Sig. (2-tailed)	.000	.110	.000	.000
	N	20	20	20	20
X13	Pearson Correlation	1	.455*	.942**	.825**
	Sig. (2-tailed)		.044	.000	.000
	N	20	20	20	20

Correlations

		X01	X02	X03	X04	X05	X06
X14	Pearson Correlation	.254	.193	.151	.260	.193	.286
	Sig. (2-tailed)	.280	.415	.524	.269	.415	.221
	N	20	20	20	20	20	20
X15	Pearson Correlation	.536*	.339	.433	.352	.339	.239
	Sig. (2-tailed)	.015	.144	.056	.128	.144	.309
	N	20	20	20	20	20	20
X16	Pearson Correlation	.644**	.667**	.513*	.691**	.667**	.549*
	Sig. (2-tailed)	.002	.001	.021	.001	.001	.012
	N	20	20	20	20	20	20

Correlations

		X07	X08	X09	X10	X11	X12
X14	Pearson Correlation	1.000**	.322	.198	.319	.277	.368
	Sig. (2-tailed)	.000	.167	.403	.170	.238	.110
	N	20	20	20	20	20	20
X15	Pearson Correlation	.465*	.294	.337	.849**	.539*	.844**
	Sig. (2-tailed)	.039	.209	.146	.000	.014	.000
	N	20	20	20	20	20	20
X16	Pearson Correlation	.571**	.597**	.274	.727**	.445*	.782**
	Sig. (2-tailed)	.009	.005	.242	.000	.049	.000
	N	20	20	20	20	20	20

Correlations

		X13	X14	X15	X16
X14	Pearson Correlation	.455*	1	.465*	.571**
	Sig. (2-tailed)	.044		.039	.009
	N	20	20	20	20
X15	Pearson Correlation	.942**	.465*	1	.864**
	Sig. (2-tailed)	.000	.039		.000
	N	20	20	20	20
X16	Pearson Correlation	.825**	.571**	.864**	1
	Sig. (2-tailed)	.000	.009	.000	
	N	20	20	20	20

**. Correlation is significant at the 0.01 level (2-tailed).

*. Correlation is significant at the 0.05 level (2-tailed).

```
RELIABILITY
 /VARIABLES=X01 X02 X03 X04 X05 X06 X07 X08 X09 X10 X11 X12 X13 X14 X15
 /SCALE('ALL VARIABLES') ALL
```

```
  /MODEL=ALPHA
  /SUMMARY=TOTAL.
```

Reliability

Notes

Output Created		27-AUG-2021 18:38:42
Comments		
Input	Active Dataset	DataSet0
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	20
	Matrix Input	
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 procedure.
Syntax		RELIABILITY /VARIABLES=X01 X02 X03 X04 X05 X06 X07 X08 X09 X10 X11 X12 X13 X14 X15 /SCALE('ALL VARIABLES') ALL /MODEL=ALPHA /SUMMARY=TOTAL.
Resources	Processor Time	00:00:00.00
	Elapsed Time	00:00:00.01

```
[DataSet0]
```

Scale: ALL VARIABLES

Case Processing Summary

		N	%
Cases	Valid	20	100.0
	Excluded[a]	0	.0
	Total	20	100.0

a. Listwise deletion based on all variables in the procedure.

Reliability Statistics

Cronbach's Alpha	N of Items
.891	15

Item-Total Statistics

	Scale Mean if Item Deleted	Scale Variance if Item Deleted	Corrected Item-Total Correlation	Cronbach's Alpha if Item Deleted
X01	29.10	47.358	.580	.884
X02	29.35	47.187	.607	.883
X03	29.00	48.000	.419	.891
X04	29.45	46.682	.632	.882
X05	29.35	47.187	.607	.883
X06	29.25	47.039	.450	.890
X07	28.80	49.221	.515	.887
X08	28.85	47.924	.528	.886
X09	29.15	51.608	.196	.896
X10	28.80	44.695	.658	.880
X11	28.80	49.432	.360	.892
X12	28.90	43.674	.723	.877
X13	28.85	43.503	.778	.874
X14	28.80	49.221	.515	.887
X15	28.95	44.050	.831	.873

```
CORRELATIONS
  /VARIABLES=X01 X02 X03 X04 X05 X06 X07 X08 X09 X10 X11
  /PRINT=TWOTAIL NOSIG
  /MISSING=PAIRWISE.
```

Correlations

Notes

Output Created		27-AUG-2021 18:23:08
Comments		
Input	Active Dataset	DataSet0
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	20
Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	Statistics for each pair of variables are based on all the cases with valid data for that pair.
Syntax		CORRELATIONS /VARIABLES=X01 X02 X03 X04 X05 X06 X07 X08 X09 X10 X11 /PRINT=TWOTAIL NOSIG /MISSING=PAIRWISE.
Resources	Processor Time	00:00:00.03
	Elapsed Time	00:00:00.04

[DataSet0]

Correlations

		X01	X02	X03	X04	X05	X06
X01	Pearson Correlation	1	-.154	-.025	.191	.138	.524*
	Sig. (2-tailed)		.518	.915	.419	.563	.018
	N	20	20	20	20	20	20
X02	Pearson Correlation	-.154	1	.471*	.538*	.565**	-.119
	Sig. (2-tailed)	.518		.036	.014	.009	.617
	N	20	20	20	20	20	20
X03	Pearson Correlation	-.025	.471*	1	.487*	.286	.206
	Sig. (2-tailed)	.915	.036		.029	.221	.384
	N	20	20	20	20	20	20
X04	Pearson Correlation	.191	.538*	.487*	1	.833**	.278
	Sig. (2-tailed)	.419	.014	.029		.000	.236
	N	20	20	20	20	20	20
X05	Pearson Correlation	.138	.565**	.286	.833**	1	-.007
	Sig. (2-tailed)	.563	.009	.221	.000		.976
	N	20	20	20	20	20	20
X06	Pearson Correlation	.524*	-.119	.206	.278	-.007	1
	Sig. (2-tailed)	.018	.617	.384	.236	.976	
	N	20	20	20	20	20	20
X07	Pearson Correlation	.436	-.288	.184	.137	-.060	.892**
	Sig. (2-tailed)	.054	.218	.439	.564	.801	.000
	N	20	20	20	20	20	20
X08	Pearson Correlation	.025	.527*	.977**	.537*	.299	.265
	Sig. (2-tailed)	.918	.017	.000	.015	.200	.259
	N	20	20	20	20	20	20
X09	Pearson Correlation	.444	.333	.289	.587**	.667**	.379
	Sig. (2-tailed)	.050	.151	.216	.006	.001	.100
	N	20	20	20	20	20	20
X10	Pearson Correlation	.492*	.083	-.146	.319	.320	.424
	Sig. (2-tailed)	.028	.729	.540	.170	.169	.062
	N	20	20	20	20	20	20
X11	Pearson Correlation	.378	.590**	.706**	.842**	.705**	.501*
	Sig. (2-tailed)	.100	.006	.001	.000	.001	.024
	N	20	20	20	20	20	20

Correlations

		X07	X08	X09	X10	X11
X01	Pearson Correlation	.436	.025	.444	.492*	.378
	Sig. (2-tailed)	.054	.918	.050	.028	.100
	N	20	20	20	20	20
X02	Pearson Correlation	-.288	.527*	.333	.083	.590**
	Sig. (2-tailed)	.218	.017	.151	.729	.006
	N	20	20	20	20	20
X03	Pearson Correlation	.184	.977**	.289	-.146	.706**
	Sig. (2-tailed)	.439	.000	.216	.540	.001
	N	20	20	20	20	20
X04	Pearson Correlation	.137	.537*	.587**	.319	.842**
	Sig. (2-tailed)	.564	.015	.006	.170	.000
	N	20	20	20	20	20
X05	Pearson Correlation	-.060	.299	.667**	.320	.705**
	Sig. (2-tailed)	.801	.200	.001	.169	.001
	N	20	20	20	20	20
X06	Pearson Correlation	.892**	.265	.379	.424	.501*
	Sig. (2-tailed)	.000	.259	.100	.062	.024
	N	20	20	20	20	20
X07	Pearson Correlation	1	.145	.318	.355	.376
	Sig. (2-tailed)		.543	.172	.125	.103
	N	20	20	20	20	20
X08	Pearson Correlation	.145	1	.313	-.101	.746**
	Sig. (2-tailed)	.543		.179	.671	.000
	N	20	20	20	20	20
X09	Pearson Correlation	.318	.313	1	.477*	.756**
	Sig. (2-tailed)	.172	.179		.033	.000
	N	20	20	20	20	20
X10	Pearson Correlation	.355	-.101	.477*	1	.425
	Sig. (2-tailed)	.125	.671	.033		.062
	N	20	20	20	20	20
X11	Pearson Correlation	.376	.746**	.756**	.425	1
	Sig. (2-tailed)	.103	.000	.000	.062	
	N	20	20	20	20	20

*. Correlation is significant at the 0.05 level (2-tailed).

**. Correlation is significant at the 0.01 level (2-tailed).

```
RELIABILITY
 /VARIABLES=X01 X02 X03 X04 X05 X06 X07 X08 X09 X10
```

```
  /SCALE('ALL VARIABLES') ALL
  /MODEL=ALPHA
  /SUMMARY=TOTAL.
```

Reliability

Notes

Output Created		27-AUG-2021 18:23:23
Comments		
Input	Active Dataset	DataSet0
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	20
	Matrix Input	
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 procedure.
Syntax		RELIABILITY /VARIABLES=X01 X02 X03 X04 X05 X06 X07 X08 X09 X10 /SCALE('ALL VARIABLES') ALL /MODEL=ALPHA /SUMMARY=TOTAL.
Resources	Processor Time	00:00:00.02
	Elapsed Time	00:00:00.01

```
[DataSet0]
```

Scale: ALL VARIABLES

Case Processing Summary

		N	%
Cases	Valid	20	100.0
	Excluded[a]	0	.0
	Total	20	100.0

a. Listwise deletion based on all variables in the procedure.

Reliability Statistics

Cronbach's Alpha	N of Items
.820	10

Item-Total Statistics

	Scale Mean if Item Deleted	Scale Variance if Item Deleted	Corrected Item-Total Correlation	Cronbach's Alpha if Item Deleted
X01	72.45	86.261	.282	.822
X02	73.90	76.516	.458	.809
X03	74.00	69.368	.575	.797
X04	74.00	65.789	.767	.770
X05	74.15	74.661	.613	.792
X06	72.75	84.197	.419	.813
X07	72.85	86.766	.287	.821
X08	73.90	67.042	.622	.790
X09	72.55	71.734	.668	.785
X10	72.50	83.421	.300	.822

```
CORRELATIONS
  /VARIABLES=X01 X02 X03 X04 X05 X06 X07 X08 X09 X10 X11
  /PRINT=TWOTAIL NOSIG
  /MISSING=PAIRWISE.
```

Correlations

Notes

Output Created		27-AUG-2021 18:34:59
Comments		
Input	Active Dataset	DataSet0
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	20
Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	Statistics for each pair of variables are based on all the cases with valid data for that pair.
Syntax		CORRELATIONS /VARIABLES=X01 X02 X03 X04 X05 X06 X07 X08 X09 X10 X11 /PRINT=TWOTAIL NOSIG /MISSING=PAIRWISE.
Resources	Processor Time	00:00:00.00
	Elapsed Time	00:00:00.03

[DataSet0]

Correlations

		X01	X02	X03	X04	X05	X06
X01	Pearson Correlation	1	.160	.419	.250	.346	.250
	Sig. (2-tailed)		.501	.066	.287	.136	.287
	N	20	20	20	20	20	20
X02	Pearson Correlation	.160	1	.406	.171	.096	.171
	Sig. (2-tailed)	.501		.076	.471	.687	.471
	N	20	20	20	20	20	20
X03	Pearson Correlation	.419	.406	1	.169	.427	.169
	Sig. (2-tailed)	.066	.076		.476	.061	.476
	N	20	20	20	20	20	20
X04	Pearson Correlation	.250	.171	.169	1	.148	1.000**
	Sig. (2-tailed)	.287	.471	.476		.533	.000
	N	20	20	20	20	20	20
X05	Pearson Correlation	.346	.096	.427	.148	1	.148
	Sig. (2-tailed)	.136	.687	.061	.533		.533
	N	20	20	20	20	20	20
X06	Pearson Correlation	.250	.171	.169	1.000**	.148	1
	Sig. (2-tailed)	.287	.471	.476	.000	.533	
	N	20	20	20	20	20	20
X07	Pearson Correlation	.867**	.154	.466*	.198	.515*	.198
	Sig. (2-tailed)	.000	.518	.038	.402	.020	.402
	N	20	20	20	20	20	20
X08	Pearson Correlation	.931**	.177	.469*	.246	.469*	.246
	Sig. (2-tailed)	.000	.454	.037	.295	.037	.295
	N	20	20	20	20	20	20
X09	Pearson Correlation	.160	1.000**	.406	.171	.096	.171
	Sig. (2-tailed)	.501	.000	.076	.471	.687	.471
	N	20	20	20	20	20	20
X10	Pearson Correlation	.898**	.127	.466*	.266	.489*	.266
	Sig. (2-tailed)	.000	.595	.038	.258	.029	.258
	N	20	20	20	20	20	20
X11	Pearson Correlation	.805**	.503*	.699**	.494*	.581**	.494*
	Sig. (2-tailed)	.000	.024	.001	.027	.007	.027
	N	20	20	20	20	20	20

Correlations

		X07	X08	X09	X10	X11
X01	Pearson Correlation	.867**	.931**	.160	.898**	.805**
	Sig. (2-tailed)	.000	.000	.501	.000	.000
	N	20	20	20	20	20
X02	Pearson Correlation	.154	.177	1.000**	.127	.503*
	Sig. (2-tailed)	.518	.454	.000	.595	.024
	N	20	20	20	20	20
X03	Pearson Correlation	.466*	.469*	.406	.466*	.699**
	Sig. (2-tailed)	.038	.037	.076	.038	.001
	N	20	20	20	20	20
X04	Pearson Correlation	.198	.246	.171	.266	.494*
	Sig. (2-tailed)	.402	.295	.471	.258	.027
	N	20	20	20	20	20
X05	Pearson Correlation	.515*	.469*	.096	.489*	.581**
	Sig. (2-tailed)	.020	.037	.687	.029	.007
	N	20	20	20	20	20
X06	Pearson Correlation	.198	.246	.171	.266	.494*
	Sig. (2-tailed)	.402	.295	.471	.258	.027
	N	20	20	20	20	20
X07	Pearson Correlation	1	.942**	.154	.967**	.839**
	Sig. (2-tailed)		.000	.518	.000	.000
	N	20	20	20	20	20
X08	Pearson Correlation	.942**	1	.177	.970**	.861**
	Sig. (2-tailed)	.000		.454	.000	.000
	N	20	20	20	20	20
X09	Pearson Correlation	.154	.177	1	.127	.503*
	Sig. (2-tailed)	.518	.454		.595	.024
	N	20	20	20	20	20
X10	Pearson Correlation	.967**	.970**	.127	1	.854**
	Sig. (2-tailed)	.000	.000	.595		.000
	N	20	20	20	20	20
X11	Pearson Correlation	.839**	.861**	.503*	.854**	1
	Sig. (2-tailed)	.000	.000	.024	.000	
	N	20	20	20	20	20

**. Correlation is significant at the 0.01 level (2-tailed).

*. Correlation is significant at the 0.05 level (2-tailed).

```
RELIABILITY
 /VARIABLES=X01 X02 X03 X04 X05 X06 X07 X08 X09 X10
```

```
  /SCALE('ALL VARIABLES') ALL
  /MODEL=ALPHA
  /SUMMARY=TOTAL.
```

Reliability

Notes

Output Created		27-AUG-2021 18:35:20
Comments		
Input	Active Dataset	DataSet0
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	20
	Matrix Input	
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 procedure.
Syntax		RELIABILITY /VARIABLES=X01 X02 X03 X04 X05 X06 X07 X08 X09 X10 /SCALE('ALL VARIABLES') ALL /MODEL=ALPHA /SUMMARY=TOTAL.
Resources	Processor Time	00:00:00.03
	Elapsed Time	00:00:00.01

[DataSet0]

Scale: ALL VARIABLES

Case Processing Summary

		N	%
Cases	Valid	20	100.0
	Excluded[a]	0	.0
	Total	20	100.0

a. Listwise deletion based on all variables in the procedure.

Reliability Statistics

Cronbach's Alpha	N of Items
.862	10

Item-Total Statistics

	Scale Mean if Item Deleted	Scale Variance if Item Deleted	Corrected Item-Total Correlation	Cronbach's Alpha if Item Deleted
X01	71.45	102.787	.742	.834
X02	70.85	116.134	.392	.862
X03	72.25	99.250	.568	.853
X04	71.15	117.608	.393	.861
X05	71.35	110.976	.464	.858
X06	71.15	117.608	.393	.861
X07	71.80	102.168	.787	.830
X08	71.60	98.674	.810	.826
X09	70.85	116.134	.392	.862
X10	71.70	100.221	.802	.828