```
 >Warning # 853 in column 23.  Text: pt_PT
>The LOCALE subcommand of the SET command specifies a locale
>for which collation and translation are not available.
NEW FILE.
DATASET NAME DataSet1 WINDOW=FRONT.

GET DATA  /TYPE=TXT
  /FILE="/Users/PauloGarcia/Desktop/blendingbox/Analysis/First Study/Results/Q
uestion 1/q1_allDemoResults.csv"
  /ENCODING='UTF8'
  /DELCASE=LINE
  /DELIMITERS=","
  /ARRANGEMENT=DELIMITED
  /FIRSTCASE=2
  /IMPORTCASE=ALL
  /VARIABLES=
  id A13
  age F3.0
  gender A6
  num_answers F2.0
  in_person A3
  typeOfQuestion A12
  first_color A7
  second_color F3.0
  third_color F3.0
  clicks F4.0
  rating F1.0
  C1_name A9
  C2_name A9
  distance_expectedC1C2COMMA4.0
  distance_HSV COMMA4.0
  distance_LCh COMMA4.0
  distance_CMYK COMMA4.0
  distance_RGB COMMA4.0
  distance_Lab COMMA4.0.
CACHE.
EXECUTE.
DATASET NAME DataSet2 WINDOW=FRONT.
NONPAR CORR
  /VARIABLES=age distance_HSV distance_LCh distance_CMYK distance_RGB distance
_Lab
  /PRINT=SPEARMAN TWOTAIL NOSIG
  /MISSING=PAIRWISE.
```

Nonparametric Correlations

Notes

Output Created		03-OCT-2016 18:50:05
Comments		
Input	Data	/Users/PauloGarcia/Desktop/blendingbox/Analysis/First Study/Results/Question 1/q1_allDemoResults.csv
	Active Dataset	DataSet2
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	139
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		NONPAR CORR /VARIABLES=age distance_HSV distance_LCh distance_CMYK distance_RGB distance_Lab /PRINT=SPEARMAN TWOTAIL NOSIG /MISSING=PAIRWISE.
Resources	Processor Time	00:00:00,01
	Elapsed Time	00:00:00,00
	Number of Cases Allowed	87381 cases[a]

a. Based on availability of workspace memory

[DataSet2]

Correlations

			age	distance_HSV	distance_LCh
Spearman's rho	age	Correlation Coefficient	1,000	-,015	-,141
		Sig. (2-tailed)	.	,863	,098
		N	139	139	139
	distance_HSV	Correlation Coefficient	-,015	1,000	-,300**
		Sig. (2-tailed)	,863	.	,000
		N	139	139	139
	distance_LCh	Correlation Coefficient	-,141	-,300**	1,000
		Sig. (2-tailed)	,098	,000	.
		N	139	139	139
	distance_CMYK	Correlation Coefficient	,004	,937**	-,166
		Sig. (2-tailed)	,964	,000	,051
		N	139	139	139
	distance_RGB	Correlation Coefficient	,019	,963**	-,262**
		Sig. (2-tailed)	,827	,000	,002
		N	139	139	139
	distance_Lab	Correlation Coefficient	,021	,884**	-,130
		Sig. (2-tailed)	,805	,000	,128
		N	139	139	139

Correlations

			distance_CMYK	distance_RGB	distance_Lab
Spearman's rho	age	Correlation Coefficient	,004	,019	,021
		Sig. (2-tailed)	,964	,827	,805
		N	139	139	139
	distance_HSV	Correlation Coefficient	,937**	,963**	,884**
		Sig. (2-tailed)	,000	,000	,000
		N	139	139	139
	distance_LCh	Correlation Coefficient	-,166	-,262**	-,130
		Sig. (2-tailed)	,051	,002	,128
		N	139	139	139
	distance_CMYK	Correlation Coefficient	1,000	,965**	,957**
		Sig. (2-tailed)	.	,000	,000
		N	139	139	139
	distance_RGB	Correlation Coefficient	,965**	1,000	,918**
		Sig. (2-tailed)	,000	.	,000
		N	139	139	139
	distance_Lab	Correlation Coefficient	,957**	,918**	1,000
		Sig. (2-tailed)	,000	,000	.
		N	139	139	139

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

```
 DATASET ACTIVATE DataSet2.
DATASET CLOSE DataSet1.
CROSSTABS
  /TABLES=gender BY distance_HSV distance_LCh distance_CMYK distance_RGB dista
nce_Lab
  /FORMAT=AVALUE TABLES
  /CELLS=COUNT
  /COUNT ROUND CELL.
```

Crosstabs

Notes

Output Created		03-OCT-2016 19:17:57
Comments		
Input	Data	/Users/PauloGarcia/Desktop/blendingbox/Analysis/First Study/Results/Question 1/q1_allDemoResults.csv
	Active Dataset	DataSet2
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	139
Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	Statistics for each table are based on all the cases with valid data in the specified range(s) for all variables in each table.
Syntax		CROSSTABS /TABLES=gender BY distance_HSV distance_LCh distance_CMYK distance_RGB distance_Lab /FORMAT=AVALUE TABLES /CELLS=COUNT /COUNT ROUND CELL.
Resources	Processor Time	00:00:00,02
	Elapsed Time	00:00:00,00
	Dimensions Requested	2
	Cells Available	131029

Case Processing Summary

	Cases					
	Valid		Missing		Total	
	N	Percent	N	Percent	N	Percent
gender * distance_HSV	139	100,0%	0	0,0%	139	100,0%
gender * distance_LCh	139	100,0%	0	0,0%	139	100,0%
gender * distance_CMYK	139	100,0%	0	0,0%	139	100,0%
gender * distance_RGB	139	100,0%	0	0,0%	139	100,0%
gender * distance_Lab	139	100,0%	0	0,0%	139	100,0%

gender * distance_HSV Crosstabulation

Count

		distance_HSV						
		.000	.010	.020	.030	.040	.070	.080
gender	Female	5	8	5	2	1	1	1
	Male	1	13	4	4	1	2	0
	Other	0	1	0	0	0	0	0
Total		6	22	9	6	2	3	1

gender * distance_HSV Crosstabulation

Count

		distance_HSV						
		.100	.110	.120	.130	.140	.150	.160
gender	Female	1	1	0	1	3	4	8
	Male	0	1	4	0	1	3	7
	Other	0	0	0	0	0	0	0
Total		1	2	4	1	4	7	15

gender * distance_HSV Crosstabulation

Count

		distance_HSV						
		.170	.180	.190	.200	.210	.220	.240
gender	Female	3	6	4	1	3	1	1
	Male	4	4	3	1	3	4	2
	Other	0	0	0	0	0	0	0
Total		7	10	7	2	6	5	3

gender * distance_HSV Crosstabulation

Count

		distance_HSV						
		.250	.260	.270	.280	.330	.380	.420
gender	Female	0	1	1	4	1	0	0
	Male	2	1	0	4	0	1	1
	Other	0	0	0	0	0	0	0
Total		2	2	1	8	1	1	1

gender * distance_HSV Crosstabulation

Count

		Total
gender	Female	67
	Male	71
	Other	1
Total		139

gender * distance_LCh Crosstabulation

Count

		distance_LCh						
		.050	.060	.100	.110	.130	.140	.150
gender	Female	0	0	0	2	2	17	2
	Male	1	1	1	1	1	13	4
	Other	0	0	0	0	0	0	0
Total		1	1	1	3	3	30	6

gender * distance_LCh Crosstabulation

Count

		distance_LCh						
		.160	.170	.180	.190	.200	.210	.220
gender	Female	3	3	5	1	11	8	4
	Male	2	0	10	5	11	7	2
	Other	0	0	0	0	1	0	0
Total		5	3	15	6	23	15	6

gender * distance_LCh Crosstabulation

Count

		distance_LCh						
		.230	.240	.250	.260	.280	.300	.310
gender	Female	2	0	0	2	1	0	0
	Male	0	1	3	0	0	2	1
	Other	0	0	0	0	0	0	0
Total		2	1	3	2	1	2	1

gender * distance_LCh Crosstabulation

Count

		distance_LCh					
		.320	.330	.350	.360	.370	Total
gender	Female	1	1	0	1	1	67
	Male	0	2	1	1	1	71
	Other	0	0	0	0	0	1
Total		1	3	1	2	2	139

gender * distance_CMYK Crosstabulation

Count

		distance_CMYK						
		.020	.030	.040	.050	.060	.070	.080
gender	Female	1	18	1	3	14	8	4
	Male	1	21	1	7	6	9	2
	Other	0	1	0	0	0	0	0
Total		2	40	2	10	20	17	6

gender * distance_CMYK Crosstabulation

Count

		distance_CMYK						
		.090	.100	.110	.120	.130	.140	.150
gender	Female	3	3	1	2	0	0	1
	Male	2	3	2	0	1	2	1
	Other	0	0	0	0	0	0	0
Total		5	6	3	2	1	2	2

gender * distance_CMYK Crosstabulation

Count

		distance_CMYK						
		.160	.170	.190	.200	.210	.220	Total
gender	Female	0	1	1	4	1	1	67
	Male	2	2	1	3	4	1	71
	Other	0	0	0	0	0	0	1
Total		2	3	2	7	5	2	139

gender * distance_RGB Crosstabulation

Count

		distance_RGB						
		.010	.020	.030	.040	.050	.060	.090
gender	Female	12	4	2	1	2	1	1
	Male	13	2	5	3	1	0	0
	Other	1	0	0	0	0	0	0
Total		26	6	7	4	3	1	1

gender * distance_RGB Crosstabulation

Count

		distance_RGB						
		.100	.110	.120	.130	.140	.150	.160
gender	Female	2	1	3	9	4	4	5
	Male	2	6	0	5	5	4	3
	Other	0	0	0	0	0	0	0
Total		4	7	3	14	9	8	8

gender * distance_RGB Crosstabulation

Count

		distance_RGB						
		.170	.180	.190	.200	.210	.220	.230
gender	Female	2	1	4	1	0	1	0
	Male	0	5	3	0	1	2	2
	Other	0	0	0	0	0	0	0
Total		2	6	7	1	1	3	2

gender * distance_RGB Crosstabulation

Count

		distance_RGB						
		.240	.260	.280	.290	.300	.330	Total
gender	Female	1	4	1	0	0	1	67
	Male	1	4	1	1	2	0	71
	Other	0	0	0	0	0	0	1
Total		2	8	2	1	2	1	139

gender * distance_Lab Crosstabulation

Count

		distance_Lab						
		.010	.020	.030	.040	.050	.060	.070
gender	Female	4	2	11	4	1	1	6
	Male	7	4	12	1	2	2	2
	Other	0	0	1	0	0	0	0
Total		11	6	24	5	3	3	8

gender * distance_Lab Crosstabulation

Count

		distance_Lab						
		.080	.090	.100	.110	.120	.130	.140
gender	Female	7	3	6	5	2	2	0
	Male	7	2	7	1	1	4	2
	Other	0	0	0	0	0	0	0
Total		14	5	13	6	3	6	2

gender * distance_Lab Crosstabulation

Count

		distance_Lab						
		.150	.160	.170	.180	.190	.200	.210
gender	Female	2	2	0	1	0	1	0
	Male	0	0	1	1	2	0	2
	Other	0	0	0	0	0	0	0
Total		2	2	1	2	2	1	2

gender * distance_Lab Crosstabulation

Count

		distance_Lab						
		.220	.240	.250	.260	.270	.290	Total
gender	Female	1	4	0	1	0	1	67
	Male	1	5	2	2	1	0	71
	Other	0	0	0	0	0	0	1
Total		2	9	2	3	1	1	139

```
AUTORECODE VARIABLES=gender
  /INTO genderX
  /PRINT.
```

```
gender into genderX
Old Value  New Value  Value Label

Female             1  Female
Male               2  Male
Other              3  Other
```

```
NONPAR CORR
  /VARIABLES=distance_HSV distance_LCh distance_CMYK distance_RGB distance_Lab
 genderX
  /PRINT=SPEARMAN TWOTAIL NOSIG
  /MISSING=PAIRWISE.
```

Nonparametric Correlations

Notes

Output Created		03-OCT-2016 19:21:15
Comments		
Input	Data	/Users/PauloGarcia/Desktop/blendingbox/Analysis/First Study/Results/Question 1/q1_allDemoResults.csv
	Active Dataset	DataSet2
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	139
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		NONPAR CORR /VARIABLES=distance_HSV distance_LCh distance_CMYK distance_RGB distance_Lab genderX /PRINT=SPEARMAN TWOTAIL NOSIG /MISSING=PAIRWISE.
Resources	Processor Time	00:00:00,01
	Elapsed Time	00:00:00,00
	Number of Cases Allowed	87381 cases[a]

a. Based on availability of workspace memory

Correlations

			distance_HSV	distance_LCh	distance_CMYK
Spearman's rho	distance_HSV	Correlation Coefficient	1,000	-,300**	,937**
		Sig. (2-tailed)	.	,000	,000
		N	139	139	139
	distance_LCh	Correlation Coefficient	-,300**	1,000	-,166
		Sig. (2-tailed)	,000	.	,051
		N	139	139	139
	distance_CMYK	Correlation Coefficient	,937**	-,166	1,000
		Sig. (2-tailed)	,000	,051	.
		N	139	139	139
	distance_RGB	Correlation Coefficient	,963**	-,262**	,965**
		Sig. (2-tailed)	,000	,002	,000
		N	139	139	139
	distance_Lab	Correlation Coefficient	,884**	-,130	,957**
		Sig. (2-tailed)	,000	,128	,000
		N	139	139	139
	genderX	Correlation Coefficient	,020	,032	,006
		Sig. (2-tailed)	,815	,705	,944
		N	139	139	139

Correlations

			distance_RGB	distance_Lab	genderX
Spearman's rho	distance_HSV	Correlation Coefficient	,963**	,884**	,020
		Sig. (2-tailed)	,000	,000	,815
		N	139	139	139
	distance_LCh	Correlation Coefficient	-,262**	-,130	,032
		Sig. (2-tailed)	,002	,128	,705
		N	139	139	139
	distance_CMYK	Correlation Coefficient	,965**	,957**	,006
		Sig. (2-tailed)	,000	,000	,944
		N	139	139	139
	distance_RGB	Correlation Coefficient	1,000	,918**	,011
		Sig. (2-tailed)	.	,000	,899
		N	139	139	139
	distance_Lab	Correlation Coefficient	,918**	1,000	-,007
		Sig. (2-tailed)	,000	.	,938
		N	139	139	139
	genderX	Correlation Coefficient	,011	-,007	1,000
		Sig. (2-tailed)	,899	,938	.
		N	139	139	139

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

```
SAVE OUTFILE='/Users/PauloGarcia/Desktop/blendingbox/Analysis/First Study/SPSS
 '+
    'Files/datasets/demo_q1.sav'
  /COMPRESSED.

GET DATA  /TYPE=TXT
  /FILE="/Users/PauloGarcia/Desktop/blendingbox/Analysis/First Study/Results/Q
uestion 2/q2_allDemoResults.csv"
  /ENCODING='UTF8'
  /DELCASE=LINE
  /DELIMITERS=","
  /ARRANGEMENT=DELIMITED
  /FIRSTCASE=2
  /IMPORTCASE=ALL
  /VARIABLES=
  id A13
  age F3.0
  gender A6
```

```
  num_answers F2.0
  in_person A3
  typeOfQuestion A12
  first_color A7
  second_color F3.0
  third_color F3.0
  clicks F4.0
  rating F1.0
  C1_name A9
  C2_name A9
  distance_expectedC1C2COMMA4.0
  distance_HSV COMMA4.0
  distance_LCh COMMA4.0
  distance_CMYK COMMA4.0
  distance_RGB COMMA4.0
  distance_Lab COMMA4.0.
CACHE.
EXECUTE.
DATASET NAME DataSet3 WINDOW=FRONT.
AUTORECODE VARIABLES=gender
  /INTO genderX
  /PRINT.
gender into genderX
Old Value  New Value  Value Label

Female             1  Female
Male               2  Male
Other              3  Other


NONPAR CORR
  /VARIABLES=age genderX distance_HSV distance_LCh distance_CMYK distance_RGB
distance_Lab
  /PRINT=SPEARMAN TWOTAIL NOSIG
  /MISSING=PAIRWISE.
```

Nonparametric Correlations

Notes

Output Created		03-OCT-2016 19:27:21
Comments		
Input	Data	/Users/PauloGarcia/Desktop/blendingbox/Analysis/First Study/Results/Question 2/q2_allDemoResults.csv
	Active Dataset	DataSet3
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	140
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		NONPAR CORR /VARIABLES=age genderX distance_HSV distance_LCh distance_CMYK distance_RGB distance_Lab /PRINT=SPEARMAN TWOTAIL NOSIG /MISSING=PAIRWISE.
Resources	Processor Time	00:00:00,01
	Elapsed Time	00:00:00,00
	Number of Cases Allowed	78643 cases[a]

a. Based on availability of workspace memory

[DataSet3]

Correlations

			age	genderX	distance_HSV
Spearman's rho	age	Correlation Coefficient	1,000	-,123	,030
		Sig. (2-tailed)	.	,147	,724
		N	140	140	140
	genderX	Correlation Coefficient	-,123	1,000	,026
		Sig. (2-tailed)	,147	.	,761
		N	140	140	140
	distance_HSV	Correlation Coefficient	,030	,026	1,000
		Sig. (2-tailed)	,724	,761	.
		N	140	140	140
	distance_LCh	Correlation Coefficient	,011	-,081	-,086
		Sig. (2-tailed)	,897	,340	,312
		N	140	140	140
	distance_CMYK	Correlation Coefficient	,074	,074	,816**
		Sig. (2-tailed)	,382	,387	,000
		N	140	140	140
	distance_RGB	Correlation Coefficient	,071	,029	,904**
		Sig. (2-tailed)	,402	,735	,000
		N	140	140	140
	distance_Lab	Correlation Coefficient	,010	,099	,510**
		Sig. (2-tailed)	,904	,243	,000
		N	140	140	140

Correlations

			distance_LCh	distance_CMYK	distance_RGB
Spearman's rho	age	Correlation Coefficient	,011	,074	,071
		Sig. (2-tailed)	,897	,382	,402
		N	140	140	140
	genderX	Correlation Coefficient	-,081	,074	,029
		Sig. (2-tailed)	,340	,387	,735
		N	140	140	140
	distance_HSV	Correlation Coefficient	-,086	,816**	,904**
		Sig. (2-tailed)	,312	,000	,000
		N	140	140	140
	distance_LCh	Correlation Coefficient	1,000	-,223**	-,096
		Sig. (2-tailed)	.	,008	,259
		N	140	140	140
	distance_CMYK	Correlation Coefficient	-,223**	1,000	,729**
		Sig. (2-tailed)	,008	.	,000
		N	140	140	140
	distance_RGB	Correlation Coefficient	-,096	,729**	1,000
		Sig. (2-tailed)	,259	,000	.
		N	140	140	140
	distance_Lab	Correlation Coefficient	-,437**	,787**	,382**
		Sig. (2-tailed)	,000	,000	,000
		N	140	140	140

Correlations

			distance_Lab
Spearman's rho	age	Correlation Coefficient	,010
		Sig. (2-tailed)	,904
		N	140
	genderX	Correlation Coefficient	,099
		Sig. (2-tailed)	,243
		N	140
	distance_HSV	Correlation Coefficient	,510**
		Sig. (2-tailed)	,000
		N	140
	distance_LCh	Correlation Coefficient	-,437**
		Sig. (2-tailed)	,000
		N	140
	distance_CMYK	Correlation Coefficient	,787**
		Sig. (2-tailed)	,000
		N	140
	distance_RGB	Correlation Coefficient	,382**
		Sig. (2-tailed)	,000
		N	140
	distance_Lab	Correlation Coefficient	1,000
		Sig. (2-tailed)	.
		N	140

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

```
SAVE OUTFILE='/Users/PauloGarcia/Desktop/blendingbox/Analysis/First Study/SPSS
 '+
    'Files/datasets/demo_q2.sav'
  /COMPRESSED.
DATASET ACTIVATE DataSet2.
DATASET CLOSE DataSet3.

GET DATA  /TYPE=TXT
  /FILE="/Users/PauloGarcia/Desktop/blendingbox/Analysis/First Study/Results/Q
uestion 3/q3_allDemoResults.csv"
  /ENCODING='UTF8'
  /DELCASE=LINE
  /DELIMITERS=","
  /ARRANGEMENT=DELIMITED
```

```
  /FIRSTCASE=2
  /IMPORTCASE=ALL
  /VARIABLES=
  id A13
  age F3.0
  gender A6
  num_answers F2.0
  in_person A3
  typeOfQuestion A12
  first_color A7
  second_color F3.0
  third_color F3.0
  clicks F4.0
  rating F1.0
  C1_name A9
  C2_name A9
  distance_expectedC1C2COMMA4.0
  distance_HSV COMMA4.0
  distance_LCh COMMA4.0
  distance_CMYK COMMA4.0
  distance_RGB COMMA4.0
  distance_Lab COMMA4.0.
CACHE.
EXECUTE.
DATASET NAME DataSet4 WINDOW=FRONT.
DATASET CLOSE DataSet2.
AUTORECODE VARIABLES=gender
  /INTO genderX
  /PRINT.
gender into genderX
Old Value  New Value  Value Label

Female             1  Female
Male               2  Male
Other              3  Other


NONPAR CORR
  /VARIABLES=age genderX distance_HSV distance_LCh distance_CMYK distance_RGB
distance_Lab
  /PRINT=SPEARMAN TWOTAIL NOSIG
  /MISSING=PAIRWISE.
```

Nonparametric Correlations

Notes

Output Created		03-OCT-2016 19:32:30
Comments		
Input	Data	/Users/PauloGarcia/Desktop/blendingbox/Analysis/First Study/Results/Question 3/q3_allDemoResults.csv
	Active Dataset	DataSet4
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	133
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		NONPAR CORR /VARIABLES=age genderX distance_HSV distance_LCh distance_CMYK distance_RGB distance_Lab /PRINT=SPEARMAN TWOTAIL NOSIG /MISSING=PAIRWISE.
Resources	Processor Time	00:00:00,01
	Elapsed Time	00:00:00,00
	Number of Cases Allowed	78643 cases[a]

a. Based on availability of workspace memory

Correlations

			age	genderX	distance_HSV
Spearman's rho	age	Correlation Coefficient	1,000	-,058	,316**
		Sig. (2-tailed)	.	,504	,000
		N	133	133	133
	genderX	Correlation Coefficient	-,058	1,000	-,055
		Sig. (2-tailed)	,504	.	,531
		N	133	133	133
	distance_HSV	Correlation Coefficient	,316**	-,055	1,000
		Sig. (2-tailed)	,000	,531	.
		N	133	133	133
	distance_LCh	Correlation Coefficient	,081	-,101	,215*
		Sig. (2-tailed)	,354	,247	,013
		N	133	133	133
	distance_CMYK	Correlation Coefficient	-,005	-,038	,066
		Sig. (2-tailed)	,951	,661	,452
		N	133	133	133
	distance_RGB	Correlation Coefficient	-,073	-,034	-,014
		Sig. (2-tailed)	,405	,696	,874
		N	133	133	133
	distance_Lab	Correlation Coefficient	-,119	,077	-,166
		Sig. (2-tailed)	,173	,379	,056
		N	133	133	133

Correlations

			distance_LCh	distance_CMYK	distance_RGB
Spearman's rho	age	Correlation Coefficient	,081	-,005	-,073
		Sig. (2-tailed)	,354	,951	,405
		N	133	133	133
	genderX	Correlation Coefficient	-,101	-,038	-,034
		Sig. (2-tailed)	,247	,661	,696
		N	133	133	133
	distance_HSV	Correlation Coefficient	,215*	,066	-,014
		Sig. (2-tailed)	,013	,452	,874
		N	133	133	133
	distance_LCh	Correlation Coefficient	1,000	,299**	,261**
		Sig. (2-tailed)	.	,000	,002
		N	133	133	133
	distance_CMYK	Correlation Coefficient	,299**	1,000	,954**
		Sig. (2-tailed)	,000	.	,000
		N	133	133	133
	distance_RGB	Correlation Coefficient	,261**	,954**	1,000
		Sig. (2-tailed)	,002	,000	.
		N	133	133	133
	distance_Lab	Correlation Coefficient	,239**	,237**	,366**
		Sig. (2-tailed)	,006	,006	,000
		N	133	133	133

Correlations

			distance_Lab
Spearman's rho	age	Correlation Coefficient	-,119
		Sig. (2-tailed)	,173
		N	133
	genderX	Correlation Coefficient	,077
		Sig. (2-tailed)	,379
		N	133
	distance_HSV	Correlation Coefficient	-,166
		Sig. (2-tailed)	,056
		N	133
	distance_LCh	Correlation Coefficient	,239**
		Sig. (2-tailed)	,006
		N	133
	distance_CMYK	Correlation Coefficient	,237**
		Sig. (2-tailed)	,006
		N	133
	distance_RGB	Correlation Coefficient	,366**
		Sig. (2-tailed)	,000
		N	133
	distance_Lab	Correlation Coefficient	1,000
		Sig. (2-tailed)	.
		N	133

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

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

```
SAVE OUTFILE='/Users/PauloGarcia/Desktop/blendingbox/Analysis/First Study/SPSS
 '+
    'Files/datasets/demo_q3.sav'
  /COMPRESSED.

GET DATA  /TYPE=TXT
  /FILE="/Users/PauloGarcia/Desktop/blendingbox/Analysis/First Study/Results/Q
uestion 4/q4_allDemoResults.csv"
  /ENCODING='UTF8'
  /DELCASE=LINE
  /DELIMITERS=","
  /ARRANGEMENT=DELIMITED
  /FIRSTCASE=2
```

```
  /IMPORTCASE=ALL
  /VARIABLES=
  id A13
  age F3.0
  gender A6
  num_answers F2.0
  in_person A3
  typeOfQuestion A12
  first_color A7
  second_color F3.0
  third_color F3.0
  clicks F4.0
  rating F1.0
  C1_name A9
  C2_name A9
  distance_expectedC1C2COMMA4.0
  distance_HSV COMMA4.0
  distance_LCh COMMA4.0
  distance_CMYK COMMA4.0
  distance_RGB COMMA4.0
  distance_Lab COMMA4.0.
CACHE.
EXECUTE.
DATASET NAME DataSet5 WINDOW=FRONT.
DATASET ACTIVATE DataSet5.
DATASET CLOSE DataSet4.
AUTORECODE VARIABLES=gender
  /INTO genderX
  /PRINT.
gender into genderX
Old Value  New Value  Value Label

Female             1  Female
Male               2  Male
Other              3  Other


NONPAR CORR
  /VARIABLES=age genderX distance_HSV distance_LCh distance_CMYK distance_RGB
distance_Lab
  /PRINT=SPEARMAN TWOTAIL NOSIG
  /MISSING=PAIRWISE.
```

Nonparametric Correlations

Notes

Output Created		03-OCT-2016 19:39:48
Comments		
Input	Data	/Users/PauloGarcia/Desktop/blendingbox/Analysis/First Study/Results/Question 4/q4_allDemoResults.csv
	Active Dataset	DataSet5
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	133
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		NONPAR CORR /VARIABLES=age genderX distance_HSV distance_LCh distance_CMYK distance_RGB distance_Lab /PRINT=SPEARMAN TWOTAIL NOSIG /MISSING=PAIRWISE.
Resources	Processor Time	00:00:00,01
	Elapsed Time	00:00:00,00
	Number of Cases Allowed	78643 cases[a]

a. Based on availability of workspace memory

Correlations

			age	genderX	distance_HSV
Spearman's rho	age	Correlation Coefficient	1,000	-,093	,030
		Sig. (2-tailed)	.	,289	,729
		N	133	133	133
	genderX	Correlation Coefficient	-,093	1,000	,043
		Sig. (2-tailed)	,289	.	,626
		N	133	133	133
	distance_HSV	Correlation Coefficient	,030	,043	1,000
		Sig. (2-tailed)	,729	,626	.
		N	133	133	133
	distance_LCh	Correlation Coefficient	,072	-,002	,155
		Sig. (2-tailed)	,409	,981	,074
		N	133	133	133
	distance_CMYK	Correlation Coefficient	-,055	-,012	-,017
		Sig. (2-tailed)	,527	,888	,844
		N	133	133	133
	distance_RGB	Correlation Coefficient	-,062	-,063	-,380**
		Sig. (2-tailed)	,478	,472	,000
		N	133	133	133
	distance_Lab	Correlation Coefficient	-,046	-,024	-,503**
		Sig. (2-tailed)	,596	,784	,000
		N	133	133	133

Correlations

			distance_LCh	distance_CMYK	distance_RGB
Spearman's rho	age	Correlation Coefficient	,072	-,055	-,062
		Sig. (2-tailed)	,409	,527	,478
		N	133	133	133
	genderX	Correlation Coefficient	-,002	-,012	-,063
		Sig. (2-tailed)	,981	,888	,472
		N	133	133	133
	distance_HSV	Correlation Coefficient	,155	-,017	-,380**
		Sig. (2-tailed)	,074	,844	,000
		N	133	133	133
	distance_LCh	Correlation Coefficient	1,000	-,077	-,105
		Sig. (2-tailed)	.	,381	,229
		N	133	133	133
	distance_CMYK	Correlation Coefficient	-,077	1,000	,799**
		Sig. (2-tailed)	,381	.	,000
		N	133	133	133
	distance_RGB	Correlation Coefficient	-,105	,799**	1,000
		Sig. (2-tailed)	,229	,000	.
		N	133	133	133
	distance_Lab	Correlation Coefficient	-,117	,671**	,910**
		Sig. (2-tailed)	,182	,000	,000
		N	133	133	133

Correlations

			distance_Lab
Spearman's rho	age	Correlation Coefficient	-,046
		Sig. (2-tailed)	,596
		N	133
	genderX	Correlation Coefficient	-,024
		Sig. (2-tailed)	,784
		N	133
	distance_HSV	Correlation Coefficient	-,503**
		Sig. (2-tailed)	,000
		N	133
	distance_LCh	Correlation Coefficient	-,117
		Sig. (2-tailed)	,182
		N	133
	distance_CMYK	Correlation Coefficient	,671**
		Sig. (2-tailed)	,000
		N	133
	distance_RGB	Correlation Coefficient	,910**
		Sig. (2-tailed)	,000
		N	133
	distance_Lab	Correlation Coefficient	1,000
		Sig. (2-tailed)	.
		N	133

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

```
SAVE OUTFILE='/Users/PauloGarcia/Desktop/blendingbox/Analysis/First Study/SPSS
 '+
    'Files/datasets/demo_q4.sav'
  /COMPRESSED.

GET DATA  /TYPE=TXT
  /FILE="/Users/PauloGarcia/Desktop/blendingbox/Analysis/First Study/Results/Q
uestion 5/q5_allDemoResults.csv"
  /ENCODING='UTF8'
  /DELCASE=LINE
  /DELIMITERS=","
  /ARRANGEMENT=DELIMITED
  /FIRSTCASE=2
  /IMPORTCASE=ALL
```

```
  /VARIABLES=
  id A13
  age F3.0
  gender A6
  num_answers F2.0
  in_person A3
  typeOfQuestion A12
  first_color A7
  second_color F3.0
  third_color F3.0
  clicks F4.0
  rating F1.0
  C1_name A9
  C2_name A9
  distance_expectedC1C2COMMA4.0
  distance_HSV COMMA4.0
  distance_LCh COMMA4.0
  distance_CMYK COMMA4.0
  distance_RGB COMMA4.0
  distance_Lab COMMA4.0.
CACHE.
EXECUTE.
DATASET NAME DataSet6 WINDOW=FRONT.
AUTORECODE VARIABLES=gender
  /INTO genderX
  /PRINT.
gender into genderX
Old Value  New Value  Value Label

Female             1  Female
Male               2  Male
Other              3  Other


NONPAR CORR
  /VARIABLES=age genderX distance_HSV distance_LCh distance_CMYK distance_RGB
distance_Lab
  /PRINT=SPEARMAN TWOTAIL NOSIG
  /MISSING=PAIRWISE.
```

Nonparametric Correlations

Notes

Output Created		03-OCT-2016 19:44:03
Comments		
Input	Data	/Users/PauloGarcia/Desktop/blendingbox/Analysis/First Study/Results/Question 5/q5_allDemoResults.csv
	Active Dataset	DataSet6
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	138
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		NONPAR CORR /VARIABLES=age genderX distance_HSV distance_LCh distance_CMYK distance_RGB distance_Lab /PRINT=SPEARMAN TWOTAIL NOSIG /MISSING=PAIRWISE.
Resources	Processor Time	00:00:00,01
	Elapsed Time	00:00:00,00
	Number of Cases Allowed	78643 cases[a]

a. Based on availability of workspace memory

[DataSet6]

Correlations

			age	genderX	distance_HSV
Spearman's rho	age	Correlation Coefficient	1,000	-,012	,047
		Sig. (2-tailed)	.	,889	,584
		N	138	138	138
	genderX	Correlation Coefficient	-,012	1,000	-,049
		Sig. (2-tailed)	,889	.	,569
		N	138	138	138
	distance_HSV	Correlation Coefficient	,047	-,049	1,000
		Sig. (2-tailed)	,584	,569	.
		N	138	138	138
	distance_LCh	Correlation Coefficient	,042	-,024	,175*
		Sig. (2-tailed)	,628	,777	,040
		N	138	138	138
	distance_CMYK	Correlation Coefficient	,028	,027	,495**
		Sig. (2-tailed)	,746	,751	,000
		N	138	138	138
	distance_RGB	Correlation Coefficient	,027	-,033	,912**
		Sig. (2-tailed)	,752	,699	,000
		N	138	138	138
	distance_Lab	Correlation Coefficient	,063	-,088	,884**
		Sig. (2-tailed)	,460	,304	,000
		N	138	138	138

Correlations

			distance_LCh	distance_CMYK	distance_RGB
Spearman's rho	age	Correlation Coefficient	,042	,028	,027
		Sig. (2-tailed)	,628	,746	,752
		N	138	138	138
	genderX	Correlation Coefficient	-,024	,027	-,033
		Sig. (2-tailed)	,777	,751	,699
		N	138	138	138
	distance_HSV	Correlation Coefficient	,175*	,495**	,912**
		Sig. (2-tailed)	,040	,000	,000
		N	138	138	138
	distance_LCh	Correlation Coefficient	1,000	,605**	,246**
		Sig. (2-tailed)	.	,000	,004
		N	138	138	138
	distance_CMYK	Correlation Coefficient	,605**	1,000	,592**
		Sig. (2-tailed)	,000	.	,000
		N	138	138	138
	distance_RGB	Correlation Coefficient	,246**	,592**	1,000
		Sig. (2-tailed)	,004	,000	.
		N	138	138	138
	distance_Lab	Correlation Coefficient	,128	,489**	,917**
		Sig. (2-tailed)	,134	,000	,000
		N	138	138	138

Correlations

			distance_Lab
Spearman's rho	age	Correlation Coefficient	,063
		Sig. (2-tailed)	,460
		N	138
	genderX	Correlation Coefficient	-,088
		Sig. (2-tailed)	,304
		N	138
	distance_HSV	Correlation Coefficient	,884**
		Sig. (2-tailed)	,000
		N	138
	distance_LCh	Correlation Coefficient	,128
		Sig. (2-tailed)	,134
		N	138
	distance_CMYK	Correlation Coefficient	,489**
		Sig. (2-tailed)	,000
		N	138
	distance_RGB	Correlation Coefficient	,917**
		Sig. (2-tailed)	,000
		N	138
	distance_Lab	Correlation Coefficient	1,000
		Sig. (2-tailed)	.
		N	138

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

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

```
SAVE OUTFILE='/Users/PauloGarcia/Desktop/blendingbox/Analysis/First Study/SPSS
 '+
    'Files/datasets/demo_q5.sav'
  /COMPRESSED.
DATASET ACTIVATE DataSet5.
DATASET CLOSE DataSet6.

GET DATA  /TYPE=TXT
  /FILE="/Users/PauloGarcia/Desktop/blendingbox/Analysis/First Study/Results/Q
uestion 6/q6_allDemoResults.csv"
  /ENCODING='UTF8'
  /DELCASE=LINE
  /DELIMITERS=","
```

```
  /ARRANGEMENT=DELIMITED
  /FIRSTCASE=2
  /IMPORTCASE=ALL
  /VARIABLES=
  id A13
  age F3.0
  gender A6
  num_answers F2.0
  in_person A3
  typeOfQuestion A12
  first_color A7
  second_color F3.0
  third_color F3.0
  clicks F4.0
  rating F1.0
  C1_name A9
  C2_name A9
  distance_expectedC1C2COMMA4.0
  distance_HSV COMMA4.0
  distance_LCh COMMA4.0
  distance_CMYK COMMA4.0
  distance_RGB COMMA4.0
  distance_Lab COMMA4.0.
CACHE.
EXECUTE.
DATASET NAME DataSet7 WINDOW=FRONT.
DATASET ACTIVATE DataSet7.
DATASET CLOSE DataSet5.

SAVE OUTFILE='/Users/PauloGarcia/Desktop/blendingbox/Analysis/First Study/SPSS
 '+
    'Files/datasets/demo_q6.sav'
  /COMPRESSED.
AUTORECODE VARIABLES=gender
  /INTO genderX
  /PRINT.
gender into genderX
Old Value  New Value  Value Label

Female             1  Female
Male               2  Male
Other              3  Other


NONPAR CORR
  /VARIABLES=age genderX distance_HSV distance_LCh distance_CMYK distance_RGB
distance_Lab
  /PRINT=SPEARMAN TWOTAIL NOSIG
  /MISSING=PAIRWISE.
```

Nonparametric Correlations

Notes

Output Created		03-OCT-2016 19:48:08
Comments		
Input	Data	/Users/PauloGarcia/Desktop/blendingbox/Analysis/First Study/SPSS Files/datasets/demo_q6.sav
	Active Dataset	DataSet7
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	129
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		NONPAR CORR /VARIABLES=age genderX distance_HSV distance_LCh distance_CMYK distance_RGB distance_Lab /PRINT=SPEARMAN TWOTAIL NOSIG /MISSING=PAIRWISE.
Resources	Processor Time	00:00:00,01
	Elapsed Time	00:00:00,00
	Number of Cases Allowed	78643 cases[a]

a. Based on availability of workspace memory

```
[DataSet7] /Users/PauloGarcia/Desktop/blendingbox/Analysis/First Study/SPSS F
iles/datasets/demo_q6.sav
```

Correlations

			age	genderX	distance_HSV
Spearman's rho	age	Correlation Coefficient	1,000	-,111	,219*
		Sig. (2-tailed)	.	,211	,013
		N	129	129	129
	genderX	Correlation Coefficient	-,111	1,000	,174*
		Sig. (2-tailed)	,211	.	,049
		N	129	129	129
	distance_HSV	Correlation Coefficient	,219*	,174*	1,000
		Sig. (2-tailed)	,013	,049	.
		N	129	129	129
	distance_LCh	Correlation Coefficient	,079	-,008	,192*
		Sig. (2-tailed)	,373	,930	,029
		N	129	129	129
	distance_CMYK	Correlation Coefficient	,152	,117	,669**
		Sig. (2-tailed)	,085	,185	,000
		N	129	129	129
	distance_RGB	Correlation Coefficient	,152	,142	,706**
		Sig. (2-tailed)	,087	,108	,000
		N	129	129	129
	distance_Lab	Correlation Coefficient	,127	,146	,809**
		Sig. (2-tailed)	,151	,100	,000
		N	129	129	129

Correlations

			distance_LCh	distance_CMYK	distance_RGB
Spearman's rho	age	Correlation Coefficient	,079	,152	,152
		Sig. (2-tailed)	,373	,085	,087
		N	129	129	129
	genderX	Correlation Coefficient	-,008	,117	,142
		Sig. (2-tailed)	,930	,185	,108
		N	129	129	129
	distance_HSV	Correlation Coefficient	,192*	,669**	,706**
		Sig. (2-tailed)	,029	,000	,000
		N	129	129	129
	distance_LCh	Correlation Coefficient	1,000	,160	,058
		Sig. (2-tailed)	.	,070	,511
		N	129	129	129
	distance_CMYK	Correlation Coefficient	,160	1,000	,846**
		Sig. (2-tailed)	,070	.	,000
		N	129	129	129
	distance_RGB	Correlation Coefficient	,058	,846**	1,000
		Sig. (2-tailed)	,511	,000	.
		N	129	129	129
	distance_Lab	Correlation Coefficient	,141	,598**	,538**
		Sig. (2-tailed)	,112	,000	,000
		N	129	129	129

Correlations

			distance_Lab
Spearman's rho	age	Correlation Coefficient	,127
		Sig. (2-tailed)	,151
		N	129
	genderX	Correlation Coefficient	,146
		Sig. (2-tailed)	,100
		N	129
	distance_HSV	Correlation Coefficient	,809**
		Sig. (2-tailed)	,000
		N	129
	distance_LCh	Correlation Coefficient	,141
		Sig. (2-tailed)	,112
		N	129
	distance_CMYK	Correlation Coefficient	,598**
		Sig. (2-tailed)	,000
		N	129
	distance_RGB	Correlation Coefficient	,538**
		Sig. (2-tailed)	,000
		N	129
	distance_Lab	Correlation Coefficient	1,000
		Sig. (2-tailed)	.
		N	129

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

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

```
 DATASET ACTIVATE DataSet7.

SAVE OUTFILE='/Users/PauloGarcia/Desktop/blendingbox/Analysis/First Study/SPSS
 '+
    'Files/datasets/demo_q6.sav'
  /COMPRESSED.

GET DATA  /TYPE=TXT
  /FILE="/Users/PauloGarcia/Desktop/blendingbox/Analysis/First Study/Results/Q
uestion 7/q7_allDemoResults.csv"
  /ENCODING='UTF8'
  /DELCASE=LINE
  /DELIMITERS=","
  /ARRANGEMENT=DELIMITED
  /FIRSTCASE=2
```

```
  /IMPORTCASE=ALL
  /VARIABLES=
  id A13
  age F3.0
  gender A6
  num_answers F2.0
  in_person A3
  typeOfQuestion A12
  first_color A7
  second_color F3.0
  third_color F3.0
  clicks F4.0
  rating F1.0
  C1_name A9
  C2_name A9
  distance_expectedC1C2COMMA4.0
  distance_HSV COMMA4.0
  distance_LCh COMMA4.0
  distance_CMYK COMMA4.0
  distance_RGB COMMA4.0
  distance_Lab COMMA4.0.
CACHE.
EXECUTE.
DATASET NAME DataSet8 WINDOW=FRONT.
DATASET CLOSE DataSet7.
AUTORECODE VARIABLES=gender
  /INTO genderX
  /PRINT.
gender into genderX
Old Value  New Value  Value Label

Female             1  Female
Male               2  Male
Other              3  Other


NONPAR CORR
  /VARIABLES=age genderX distance_HSV distance_LCh distance_CMYK distance_RGB
distance_Lab
  /PRINT=SPEARMAN TWOTAIL NOSIG
  /MISSING=PAIRWISE.
```

Nonparametric Correlations

Notes

Output Created		03-OCT-2016 19:53:27
Comments		
Input	Data	/Users/PauloGarcia/Desktop/blendingbox/Analysis/First Study/Results/Question 7/q7_allDemoResults.csv
	Active Dataset	DataSet8
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	141
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		NONPAR CORR /VARIABLES=age genderX distance_HSV distance_LCh distance_CMYK distance_RGB distance_Lab /PRINT=SPEARMAN TWOTAIL NOSIG /MISSING=PAIRWISE.
Resources	Processor Time	00:00:00,01
	Elapsed Time	00:00:00,00
	Number of Cases Allowed	78643 cases[a]

a. Based on availability of workspace memory

Correlations

			age	genderX	distance_HSV
Spearman's rho	age	Correlation Coefficient	1,000	-,101	,104
		Sig. (2-tailed)	.	,232	,221
		N	141	141	141
	genderX	Correlation Coefficient	-,101	1,000	-,001
		Sig. (2-tailed)	,232	.	,993
		N	141	141	141
	distance_HSV	Correlation Coefficient	,104	-,001	1,000
		Sig. (2-tailed)	,221	,993	.
		N	141	141	141
	distance_LCh	Correlation Coefficient	,051	-,088	-,240**
		Sig. (2-tailed)	,551	,301	,004
		N	141	141	141
	distance_CMYK	Correlation Coefficient	-,118	,054	,704**
		Sig. (2-tailed)	,163	,526	,000
		N	141	141	141
	distance_RGB	Correlation Coefficient	-,180*	,074	,378**
		Sig. (2-tailed)	,032	,384	,000
		N	141	141	141
	distance_Lab	Correlation Coefficient	-,246**	,120	,112
		Sig. (2-tailed)	,003	,156	,185
		N	141	141	141

Correlations

			distance_LCh	distance_CMYK	distance_RGB
Spearman's rho	age	Correlation Coefficient	,051	-,118	-,180*
		Sig. (2-tailed)	,551	,163	,032
		N	141	141	141
	genderX	Correlation Coefficient	-,088	,054	,074
		Sig. (2-tailed)	,301	,526	,384
		N	141	141	141
	distance_HSV	Correlation Coefficient	-,240**	,704**	,378**
		Sig. (2-tailed)	,004	,000	,000
		N	141	141	141
	distance_LCh	Correlation Coefficient	1,000	-,025	,085
		Sig. (2-tailed)	.	,769	,317
		N	141	141	141
	distance_CMYK	Correlation Coefficient	-,025	1,000	,742**
		Sig. (2-tailed)	,769	.	,000
		N	141	141	141
	distance_RGB	Correlation Coefficient	,085	,742**	1,000
		Sig. (2-tailed)	,317	,000	.
		N	141	141	141
	distance_Lab	Correlation Coefficient	,020	,454**	,831**
		Sig. (2-tailed)	,815	,000	,000
		N	141	141	141

Correlations

			distance_Lab
Spearman's rho	age	Correlation Coefficient	-,246**
		Sig. (2-tailed)	,003
		N	141
	genderX	Correlation Coefficient	,120
		Sig. (2-tailed)	,156
		N	141
	distance_HSV	Correlation Coefficient	,112
		Sig. (2-tailed)	,185
		N	141
	distance_LCh	Correlation Coefficient	,020
		Sig. (2-tailed)	,815
		N	141
	distance_CMYK	Correlation Coefficient	,454**
		Sig. (2-tailed)	,000
		N	141
	distance_RGB	Correlation Coefficient	,831**
		Sig. (2-tailed)	,000
		N	141
	distance_Lab	Correlation Coefficient	1,000
		Sig. (2-tailed)	.
		N	141

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

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

```
SAVE OUTFILE='/Users/PauloGarcia/Desktop/blendingbox/Analysis/First Study/SPSS
 '+
    'Files/datasets/demo_q7.sav'
  /COMPRESSED.

GET DATA  /TYPE=TXT
  /FILE="/Users/PauloGarcia/Desktop/blendingbox/Analysis/First Study/Results/Q
uestion 8/q8_allDemoResults.csv"
  /ENCODING='UTF8'
  /DELCASE=LINE
  /DELIMITERS=","
  /ARRANGEMENT=DELIMITED
  /FIRSTCASE=2
```

```
  /IMPORTCASE=ALL
  /VARIABLES=
  id A13
  age F3.0
  gender A6
  num_answers F2.0
  in_person A3
  typeOfQuestion A12
  first_color A7
  second_color F3.0
  third_color F3.0
  clicks F4.0
  rating F1.0
  C1_name A9
  C2_name A9
  distance_expectedC1C2COMMA4.0
  distance_HSV COMMA4.0
  distance_LCh COMMA4.0
  distance_CMYK COMMA4.0
  distance_RGB COMMA4.0
  distance_Lab COMMA4.0.
CACHE.
EXECUTE.
DATASET NAME DataSet9 WINDOW=FRONT.
DATASET CLOSE DataSet8.
AUTORECODE VARIABLES=gender
  /INTO genderX
  /PRINT.
gender into genderX
Old Value  New Value  Value Label

Female             1  Female
Male               2  Male
Other              3  Other


NONPAR CORR
  /VARIABLES=age genderX distance_HSV distance_LCh distance_CMYK distance_RGB
distance_Lab
  /PRINT=SPEARMAN TWOTAIL NOSIG
  /MISSING=PAIRWISE.
```

Nonparametric Correlations

Notes

Output Created		03-OCT-2016 20:00:59
Comments		
Input	Data	/Users/PauloGarcia/Desktop/blendingbox/Analysis/First Study/Results/Question 8/q8_allDemoResults.csv
	Active Dataset	DataSet9
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	130
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		NONPAR CORR /VARIABLES=age genderX distance_HSV distance_LCh distance_CMYK distance_RGB distance_Lab /PRINT=SPEARMAN TWOTAIL NOSIG /MISSING=PAIRWISE.
Resources	Processor Time	00:00:00,01
	Elapsed Time	00:00:00,00
	Number of Cases Allowed	78643 cases[a]

a. Based on availability of workspace memory

Correlations

			age	genderX	distance_HSV
Spearman's rho	age	Correlation Coefficient	1,000	-,122	,050
		Sig. (2-tailed)	.	,165	,573
		N	130	130	130
	genderX	Correlation Coefficient	-,122	1,000	-,061
		Sig. (2-tailed)	,165	.	,493
		N	130	130	130
	distance_HSV	Correlation Coefficient	,050	-,061	1,000
		Sig. (2-tailed)	,573	,493	.
		N	130	130	130
	distance_LCh	Correlation Coefficient	,152	-,093	,631**
		Sig. (2-tailed)	,084	,292	,000
		N	130	130	130
	distance_CMYK	Correlation Coefficient	-,213*	,141	-,369**
		Sig. (2-tailed)	,015	,110	,000
		N	130	130	130
	distance_RGB	Correlation Coefficient	-,126	,093	-,049
		Sig. (2-tailed)	,153	,294	,577
		N	130	130	130
	distance_Lab	Correlation Coefficient	-,217*	,112	-,521**
		Sig. (2-tailed)	,013	,204	,000
		N	130	130	130

Correlations

			distance_LCh	distance_CMYK	distance_RGB
Spearman's rho	age	Correlation Coefficient	,152	-,213*	-,126
		Sig. (2-tailed)	,084	,015	,153
		N	130	130	130
	genderX	Correlation Coefficient	-,093	,141	,093
		Sig. (2-tailed)	,292	,110	,294
		N	130	130	130
	distance_HSV	Correlation Coefficient	,631**	-,369**	-,049
		Sig. (2-tailed)	,000	,000	,577
		N	130	130	130
	distance_LCh	Correlation Coefficient	1,000	-,458**	-,226**
		Sig. (2-tailed)	.	,000	,010
		N	130	130	130
	distance_CMYK	Correlation Coefficient	-,458**	1,000	,744**
		Sig. (2-tailed)	,000	.	,000
		N	130	130	130
	distance_RGB	Correlation Coefficient	-,226**	,744**	1,000
		Sig. (2-tailed)	,010	,000	.
		N	130	130	130
	distance_Lab	Correlation Coefficient	-,655**	,843**	,635**
		Sig. (2-tailed)	,000	,000	,000
		N	130	130	130

Correlations

			distance_Lab
Spearman's rho	age	Correlation Coefficient	-,217*
		Sig. (2-tailed)	,013
		N	130
	genderX	Correlation Coefficient	,112
		Sig. (2-tailed)	,204
		N	130
	distance_HSV	Correlation Coefficient	-,521**
		Sig. (2-tailed)	,000
		N	130
	distance_LCh	Correlation Coefficient	-,655**
		Sig. (2-tailed)	,000
		N	130
	distance_CMYK	Correlation Coefficient	,843**
		Sig. (2-tailed)	,000
		N	130
	distance_RGB	Correlation Coefficient	,635**
		Sig. (2-tailed)	,000
		N	130
	distance_Lab	Correlation Coefficient	1,000
		Sig. (2-tailed)	.
		N	130

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

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

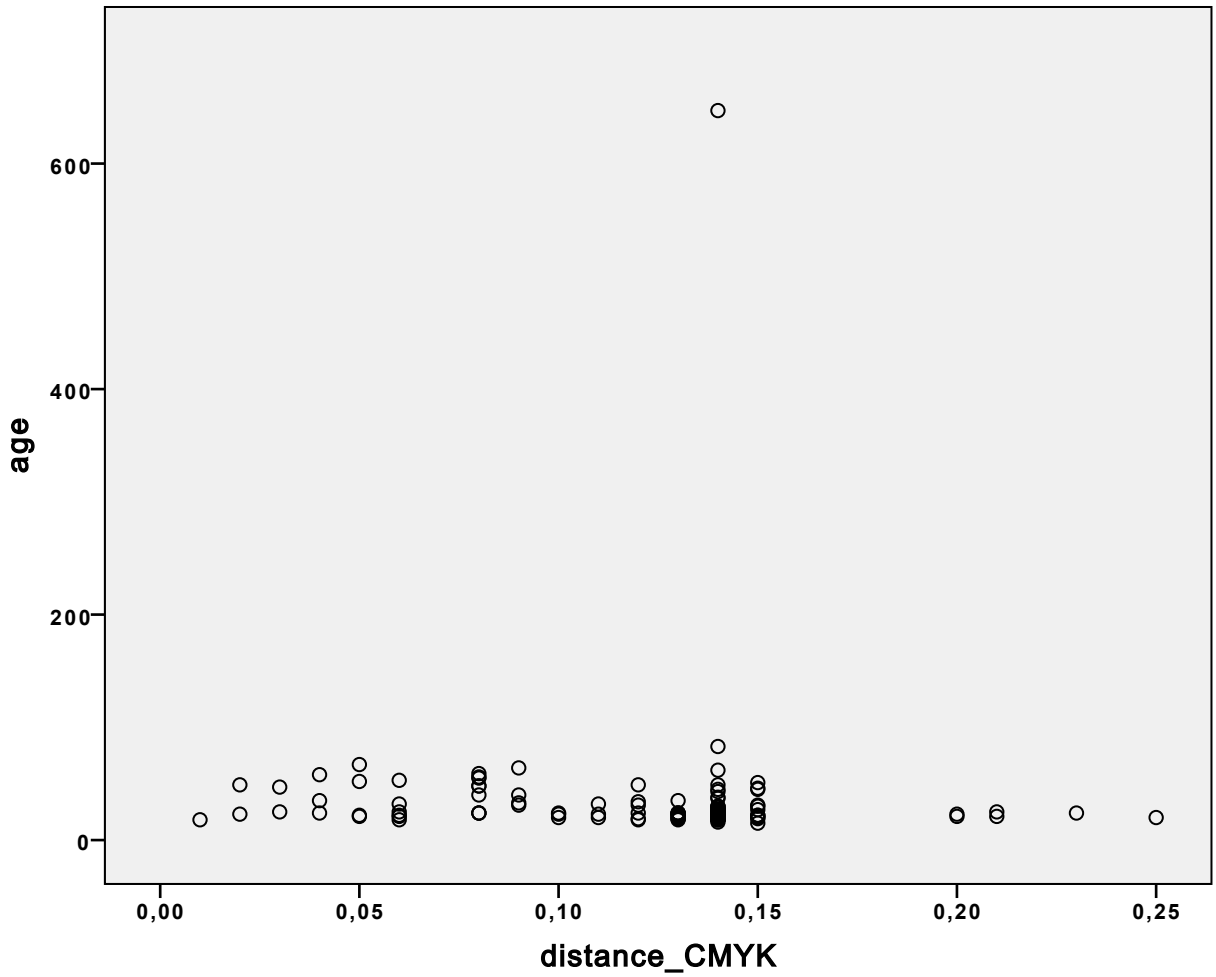
```
NONPAR CORR
  /VARIABLES=age distance_CMYK
  /PRINT=SPEARMAN TWOTAIL NOSIG
  /MISSING=PAIRWISE.


CORRELATIONS
  /VARIABLES=age distance_CMYK
  /PRINT=TWOTAIL NOSIG
  /STATISTICS DESCRIPTIVES
  /MISSING=PAIRWISE.
```

```
GRAPH
  /SCATTERPLOT(BIVAR)=distance_CMYK WITH age
  /MISSING=LISTWISE.
```

Graph

Notes

Output Created		**03-OCT-2016 20:13:24**
Comments		
Input	**Data**	**/Users/PauloGarcia/Desktop/blendingbox/Analysis/First Study/Results/Question 8/q8_allDemoResults.csv**
	Active Dataset	**DataSet9**
	Filter	**<none>**
	Weight	**<none>**
	Split File	**<none>**
	N of Rows in Working Data File	**130**
Syntax		**GRAPH /SCATTERPLOT(BIVAR) =distance_CMYK WITH age /MISSING=LISTWISE.**
Resources	**Processor Time**	**00:00:01,14**
	Elapsed Time	**00:00:01,00**




```
SAVE OUTFILE='/Users/PauloGarcia/Desktop/blendingbox/Analysis/First Study/SPSS
 '+
    'Files/datasets/demo_q8.sav'
  /COMPRESSED.

GET DATA  /TYPE=TXT
  /FILE="/Users/PauloGarcia/Desktop/blendingbox/Analysis/First Study/Results/Q
uestion 9/q9_allDemoResults.csv"
  /ENCODING='UTF8'
  /DELCASE=LINE
  /DELIMITERS=","
  /ARRANGEMENT=DELIMITED
  /FIRSTCASE=2
  /IMPORTCASE=ALL
  /VARIABLES=
  id A13
  age F3.0
  gender A6
```

```
  num_answers F2.0
  in_person A3
  typeOfQuestion A12
  first_color A7
  second_color F3.0
  third_color F3.0
  clicks F4.0
  rating F1.0
  C1_name A9
  C2_name A9
  distance_expectedC1C2COMMA4.0
  distance_HSV COMMA4.0
  distance_LCh COMMA4.0
  distance_CMYK COMMA4.0
  distance_RGB COMMA4.0
  distance_Lab COMMA4.0.
CACHE.
EXECUTE.
DATASET NAME DataSet10 WINDOW=FRONT.
AUTORECODE VARIABLES=gender
  /INTO genderX
  /PRINT.
gender into genderX
Old Value  New Value  Value Label

Female             1  Female
Male               2  Male
Other              3  Other


NONPAR CORR
  /VARIABLES=age genderX distance_HSV distance_LCh distance_CMYK distance_RGB
distance_Lab
  /PRINT=SPEARMAN TWOTAIL NOSIG
  /MISSING=PAIRWISE.
```

Nonparametric Correlations

Notes

Output Created		03-OCT-2016 20:15:22
Comments		
Input	Data	/Users/PauloGarcia/Desktop/blendingbox/Analysis/First Study/Results/Question 9/q9_allDemoResults.csv
	Active Dataset	DataSet10
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	137
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		NONPAR CORR /VARIABLES=age genderX distance_HSV distance_LCh distance_CMYK distance_RGB distance_Lab /PRINT=SPEARMAN TWOTAIL NOSIG /MISSING=PAIRWISE.
Resources	Processor Time	00:00:00,01
	Elapsed Time	00:00:00,00
	Number of Cases Allowed	78643 cases[a]

a. Based on availability of workspace memory

[DataSet10]

Correlations

			age	genderX	distance_HSV
Spearman's rho	age	Correlation Coefficient	1,000	-,099	,135
		Sig. (2-tailed)	.	,248	,115
		N	137	137	137
	genderX	Correlation Coefficient	-,099	1,000	-,166
		Sig. (2-tailed)	,248	.	,053
		N	137	137	137
	distance_HSV	Correlation Coefficient	,135	-,166	1,000
		Sig. (2-tailed)	,115	,053	.
		N	137	137	137
	distance_LCh	Correlation Coefficient	,075	-,053	,180*
		Sig. (2-tailed)	,385	,536	,035
		N	137	137	137
	distance_CMYK	Correlation Coefficient	,067	-,173*	,623**
		Sig. (2-tailed)	,436	,043	,000
		N	137	137	137
	distance_RGB	Correlation Coefficient	,187*	-,153	,562**
		Sig. (2-tailed)	,029	,074	,000
		N	137	137	137
	distance_Lab	Correlation Coefficient	,177*	-,167	,593**
		Sig. (2-tailed)	,039	,052	,000
		N	137	137	137

Correlations

			distance_LCh	distance_CMYK	distance_RGB
Spearman's rho	age	Correlation Coefficient	,075	,067	,187*
		Sig. (2-tailed)	,385	,436	,029
		N	137	137	137
	genderX	Correlation Coefficient	-,053	-,173*	-,153
		Sig. (2-tailed)	,536	,043	,074
		N	137	137	137
	distance_HSV	Correlation Coefficient	,180*	,623**	,562**
		Sig. (2-tailed)	,035	,000	,000
		N	137	137	137
	distance_LCh	Correlation Coefficient	1,000	,255**	,474**
		Sig. (2-tailed)	.	,003	,000
		N	137	137	137
	distance_CMYK	Correlation Coefficient	,255**	1,000	,484**
		Sig. (2-tailed)	,003	.	,000
		N	137	137	137
	distance_RGB	Correlation Coefficient	,474**	,484**	1,000
		Sig. (2-tailed)	,000	,000	.
		N	137	137	137
	distance_Lab	Correlation Coefficient	,494**	,516**	,981**
		Sig. (2-tailed)	,000	,000	,000
		N	137	137	137

Correlations

			distance_Lab
Spearman's rho	age	Correlation Coefficient	,177*
		Sig. (2-tailed)	,039
		N	137
	genderX	Correlation Coefficient	-,167
		Sig. (2-tailed)	,052
		N	137
	distance_HSV	Correlation Coefficient	,593**
		Sig. (2-tailed)	,000
		N	137
	distance_LCh	Correlation Coefficient	,494**
		Sig. (2-tailed)	,000
		N	137
	distance_CMYK	Correlation Coefficient	,516**
		Sig. (2-tailed)	,000
		N	137
	distance_RGB	Correlation Coefficient	,981**
		Sig. (2-tailed)	,000
		N	137
	distance_Lab	Correlation Coefficient	1,000
		Sig. (2-tailed)	.
		N	137

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

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

```
SAVE OUTFILE='/Users/PauloGarcia/Desktop/blendingbox/Analysis/First Study/SPSS
 '+
    'Files/datasets/demo_q9.sav'
  /COMPRESSED.
DATASET ACTIVATE DataSet10.
DATASET CLOSE DataSet9.

GET DATA  /TYPE=TXT
  /FILE="/Users/PauloGarcia/Desktop/blendingbox/Analysis/First Study/Results/Q
uestion 10/q10_allDemoResults.csv"
  /ENCODING='UTF8'
  /DELCASE=LINE
  /DELIMITERS=","
```

```
  /ARRANGEMENT=DELIMITED
  /FIRSTCASE=2
  /IMPORTCASE=ALL
  /VARIABLES=
  id A13
  age F3.0
  gender A6
  num_answers F2.0
  in_person A3
  typeOfQuestion A12
  first_color A7
  second_color F3.0
  third_color F3.0
  clicks F4.0
  rating F1.0
  C1_name A9
  C2_name A9
  distance_expectedC1C2COMMA4.0
  distance_HSV COMMA4.0
  distance_LCh COMMA4.0
  distance_CMYK COMMA4.0
  distance_RGB COMMA4.0
  distance_Lab COMMA4.0.
CACHE.
EXECUTE.
DATASET NAME DataSet11 WINDOW=FRONT.
DATASET ACTIVATE DataSet11.
DATASET CLOSE DataSet10.
AUTORECODE VARIABLES=gender
  /INTO genderX
  /PRINT.
gender into genderX
Old Value  New Value  Value Label

Female             1  Female
Male               2  Male


NONPAR CORR
  /VARIABLES=age genderX distance_HSV distance_LCh distance_CMYK distance_RGB
distance_Lab
  /PRINT=SPEARMAN TWOTAIL NOSIG
  /MISSING=PAIRWISE.
```

Nonparametric Correlations

Notes

Output Created		03-OCT-2016 20:18:15
Comments		
Input	Data	/Users/PauloGarcia/Desktop/blendingbox/Analysis/First Study/Results/Question 10/q10_allDemoResults.csv
	Active Dataset	DataSet11
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	136
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		NONPAR CORR /VARIABLES=age genderX distance_HSV distance_LCh distance_CMYK distance_RGB distance_Lab /PRINT=SPEARMAN TWOTAIL NOSIG /MISSING=PAIRWISE.
Resources	Processor Time	00:00:00,01
	Elapsed Time	00:00:00,00
	Number of Cases Allowed	78643 cases[a]

a. Based on availability of workspace memory

Correlations

			age	genderX	distance_HSV
Spearman's rho	age	Correlation Coefficient	1,000	-,029	,057
		Sig. (2-tailed)	.	,741	,512
		N	136	136	136
	genderX	Correlation Coefficient	-,029	1,000	-,047
		Sig. (2-tailed)	,741	.	,584
		N	136	136	136
	distance_HSV	Correlation Coefficient	,057	-,047	1,000
		Sig. (2-tailed)	,512	,584	.
		N	136	136	136
	distance_LCh	Correlation Coefficient	,025	-,090	,080
		Sig. (2-tailed)	,774	,300	,353
		N	136	136	136
	distance_CMYK	Correlation Coefficient	-,071	-,063	-,129
		Sig. (2-tailed)	,411	,469	,136
		N	136	136	136
	distance_RGB	Correlation Coefficient	-,065	-,103	-,094
		Sig. (2-tailed)	,450	,231	,275
		N	136	136	136
	distance_Lab	Correlation Coefficient	-,079	-,061	-,325**
		Sig. (2-tailed)	,361	,480	,000
		N	136	136	136

Correlations

			distance_LCh	distance_CMYK	distance_RGB
Spearman's rho	age	Correlation Coefficient	,025	-,071	-,065
		Sig. (2-tailed)	,774	,411	,450
		N	136	136	136
	genderX	Correlation Coefficient	-,090	-,063	-,103
		Sig. (2-tailed)	,300	,469	,231
		N	136	136	136
	distance_HSV	Correlation Coefficient	,080	-,129	-,094
		Sig. (2-tailed)	,353	,136	,275
		N	136	136	136
	distance_LCh	Correlation Coefficient	1,000	,143	,279**
		Sig. (2-tailed)	.	,098	,001
		N	136	136	136
	distance_CMYK	Correlation Coefficient	,143	1,000	,865**
		Sig. (2-tailed)	,098	.	,000
		N	136	136	136
	distance_RGB	Correlation Coefficient	,279**	,865**	1,000
		Sig. (2-tailed)	,001	,000	.
		N	136	136	136
	distance_Lab	Correlation Coefficient	,249**	,844**	,860**
		Sig. (2-tailed)	,004	,000	,000
		N	136	136	136

Correlations

			distance_Lab
Spearman's rho	age	Correlation Coefficient	-,079
		Sig. (2-tailed)	,361
		N	136
	genderX	Correlation Coefficient	-,061
		Sig. (2-tailed)	,480
		N	136
	distance_HSV	Correlation Coefficient	-,325**
		Sig. (2-tailed)	,000
		N	136
	distance_LCh	Correlation Coefficient	,249**
		Sig. (2-tailed)	,004
		N	136
	distance_CMYK	Correlation Coefficient	,844**
		Sig. (2-tailed)	,000
		N	136
	distance_RGB	Correlation Coefficient	,860**
		Sig. (2-tailed)	,000
		N	136
	distance_Lab	Correlation Coefficient	1,000
		Sig. (2-tailed)	.
		N	136

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

```
SAVE OUTFILE='/Users/PauloGarcia/Desktop/blendingbox/Analysis/First Study/SPSS
 '+
    'Files/datasets/demo_q10.sav'
  /COMPRESSED.

GET DATA  /TYPE=TXT
  /FILE="/Users/PauloGarcia/Desktop/blendingbox/Analysis/First Study/Results/Q
uestion 11/q11_allDemoResults.csv"
  /ENCODING='UTF8'
  /DELCASE=LINE
  /DELIMITERS=","
  /ARRANGEMENT=DELIMITED
  /FIRSTCASE=2
  /IMPORTCASE=ALL
```

```
  /VARIABLES=
  id A13
  age F3.0
  gender A6
  num_answers F2.0
  in_person A3
  typeOfQuestion A12
  first_color A7
  second_color F3.0
  third_color F3.0
  clicks F4.0
  rating F1.0
  C1_name A9
  C2_name A9
  distance_expectedC1C2COMMA4.0
  distance_HSV COMMA4.0
  distance_LCh COMMA4.0
  distance_CMYK COMMA4.0
  distance_RGB COMMA4.0
  distance_Lab COMMA4.0.
CACHE.
EXECUTE.
DATASET NAME DataSet12 WINDOW=FRONT.
DATASET ACTIVATE DataSet12.
DATASET CLOSE DataSet11.
AUTORECODE VARIABLES=gender
  /INTO genderX
  /PRINT.
gender into genderX
Old Value  New Value  Value Label

Female             1  Female
Male               2  Male
Other              3  Other


NONPAR CORR
  /VARIABLES=age genderX distance_HSV distance_LCh distance_CMYK distance_RGB
distance_Lab
  /PRINT=SPEARMAN TWOTAIL NOSIG
  /MISSING=PAIRWISE.
```

Nonparametric Correlations

Notes

Output Created		03-OCT-2016 21:32:22
Comments		
Input	Data	/Users/PauloGarcia/Desktop/blendingbox/Analysis/First Study/Results/Question 11/q11_allDemoResults.csv
	Active Dataset	DataSet12
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	130
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		NONPAR CORR /VARIABLES=age genderX distance_HSV distance_LCh distance_CMYK distance_RGB distance_Lab /PRINT=SPEARMAN TWOTAIL NOSIG /MISSING=PAIRWISE.
Resources	Processor Time	00:00:00,01
	Elapsed Time	00:00:00,00
	Number of Cases Allowed	78643 cases[a]

a. Based on availability of workspace memory

Correlations

			age	genderX	distance_HSV
Spearman's rho	age	Correlation Coefficient	1,000	-,076	,150
		Sig. (2-tailed)	.	,389	,089
		N	130	130	130
	genderX	Correlation Coefficient	-,076	1,000	,182*
		Sig. (2-tailed)	,389	.	,038
		N	130	130	130
	distance_HSV	Correlation Coefficient	,150	,182*	1,000
		Sig. (2-tailed)	,089	,038	.
		N	130	130	130
	distance_LCh	Correlation Coefficient	-,169	,087	,179*
		Sig. (2-tailed)	,055	,328	,041
		N	130	130	130
	distance_CMYK	Correlation Coefficient	,024	-,012	,160
		Sig. (2-tailed)	,785	,892	,069
		N	130	130	130
	distance_RGB	Correlation Coefficient	,071	-,023	,132
		Sig. (2-tailed)	,422	,793	,133
		N	130	130	130
	distance_Lab	Correlation Coefficient	,049	,026	,225*
		Sig. (2-tailed)	,581	,770	,010
		N	130	130	130

Correlations

			distance_LCh	distance_CMYK	distance_RGB
Spearman's rho	age	Correlation Coefficient	-,169	,024	,071
		Sig. (2-tailed)	,055	,785	,422
		N	130	130	130
	genderX	Correlation Coefficient	,087	-,012	-,023
		Sig. (2-tailed)	,328	,892	,793
		N	130	130	130
	distance_HSV	Correlation Coefficient	,179*	,160	,132
		Sig. (2-tailed)	,041	,069	,133
		N	130	130	130
	distance_LCh	Correlation Coefficient	1,000	-,306**	-,343**
		Sig. (2-tailed)	.	,000	,000
		N	130	130	130
	distance_CMYK	Correlation Coefficient	-,306**	1,000	,928**
		Sig. (2-tailed)	,000	.	,000
		N	130	130	130
	distance_RGB	Correlation Coefficient	-,343**	,928**	1,000
		Sig. (2-tailed)	,000	,000	.
		N	130	130	130
	distance_Lab	Correlation Coefficient	-,234**	,915**	,914**
		Sig. (2-tailed)	,007	,000	,000
		N	130	130	130

Correlations

			distance_Lab
Spearman's rho	age	Correlation Coefficient	,049
		Sig. (2-tailed)	,581
		N	130
	genderX	Correlation Coefficient	,026
		Sig. (2-tailed)	,770
		N	130
	distance_HSV	Correlation Coefficient	,225*
		Sig. (2-tailed)	,010
		N	130
	distance_LCh	Correlation Coefficient	-,234**
		Sig. (2-tailed)	,007
		N	130
	distance_CMYK	Correlation Coefficient	,915**
		Sig. (2-tailed)	,000
		N	130
	distance_RGB	Correlation Coefficient	,914**
		Sig. (2-tailed)	,000
		N	130
	distance_Lab	Correlation Coefficient	1,000
		Sig. (2-tailed)	.
		N	130

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

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

```
SAVE OUTFILE='/Users/PauloGarcia/Desktop/blendingbox/Analysis/First Study/SPSS
 '+
    'Files/datasets/demo_q11.sav'
  /COMPRESSED.

GET DATA  /TYPE=TXT
  /FILE="/Users/PauloGarcia/Desktop/blendingbox/Analysis/First Study/Results/Q
uestion 12/q12_allDemoResults.csv"
  /ENCODING='UTF8'
  /DELCASE=LINE
  /DELIMITERS=","
  /ARRANGEMENT=DELIMITED
  /FIRSTCASE=2
```

```
  /IMPORTCASE=ALL
  /VARIABLES=
  id A13
  age F3.0
  gender A6
  num_answers F2.0
  in_person A3
  typeOfQuestion A12
  first_color A7
  second_color F3.0
  third_color F3.0
  clicks F4.0
  rating F1.0
  C1_name A9
  C2_name A9
  distance_expectedC1C2COMMA4.0
  distance_HSV COMMA4.0
  distance_LCh COMMA4.0
  distance_CMYK COMMA4.0
  distance_RGB COMMA4.0
  distance_Lab COMMA4.0.
CACHE.
EXECUTE.
DATASET NAME DataSet13 WINDOW=FRONT.
DATASET CLOSE DataSet12.
AUTORECODE VARIABLES=gender
  /INTO genderX
  /PRINT.
gender into genderX
Old Value  New Value  Value Label

Female             1  Female
Male               2  Male
Other              3  Other


NONPAR CORR
  /VARIABLES=age genderX distance_HSV distance_LCh distance_CMYK distance_RGB
distance_Lab
  /PRINT=SPEARMAN TWOTAIL NOSIG
  /MISSING=PAIRWISE.
```

Nonparametric Correlations

Notes

Output Created		03-OCT-2016 21:34:09
Comments		
Input	Data	/Users/PauloGarcia/Desktop/blendingbox/Analysis/First Study/Results/Question 12/q12_allDemoResults.csv
	Active Dataset	DataSet13
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	123
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		NONPAR CORR /VARIABLES=age genderX distance_HSV distance_LCh distance_CMYK distance_RGB distance_Lab /PRINT=SPEARMAN TWOTAIL NOSIG /MISSING=PAIRWISE.
Resources	Processor Time	00:00:00,01
	Elapsed Time	00:00:00,00
	Number of Cases Allowed	78643 cases[a]

a. Based on availability of workspace memory

Correlations

			age	genderX	distance_HSV
Spearman's rho	age	Correlation Coefficient	1,000	-,143	,068
		Sig. (2-tailed)	.	,115	,457
		N	123	123	123
	genderX	Correlation Coefficient	-,143	1,000	-,102
		Sig. (2-tailed)	,115	.	,263
		N	123	123	123
	distance_HSV	Correlation Coefficient	,068	-,102	1,000
		Sig. (2-tailed)	,457	,263	.
		N	123	123	123
	distance_LCh	Correlation Coefficient	-,023	-,013	,302**
		Sig. (2-tailed)	,802	,888	,001
		N	123	123	123
	distance_CMYK	Correlation Coefficient	,117	-,059	,698**
		Sig. (2-tailed)	,199	,518	,000
		N	123	123	123
	distance_RGB	Correlation Coefficient	,103	-,100	,683**
		Sig. (2-tailed)	,256	,273	,000
		N	123	123	123
	distance_Lab	Correlation Coefficient	,092	-,108	,555**
		Sig. (2-tailed)	,311	,234	,000
		N	123	123	123

Correlations

			distance_LCh	distance_CMYK	distance_RGB
Spearman's rho	age	Correlation Coefficient	-,023	,117	,103
		Sig. (2-tailed)	,802	,199	,256
		N	123	123	123
	genderX	Correlation Coefficient	-,013	-,059	-,100
		Sig. (2-tailed)	,888	,518	,273
		N	123	123	123
	distance_HSV	Correlation Coefficient	,302**	,698**	,683**
		Sig. (2-tailed)	,001	,000	,000
		N	123	123	123
	distance_LCh	Correlation Coefficient	1,000	,176	,084
		Sig. (2-tailed)	.	,051	,357
		N	123	123	123
	distance_CMYK	Correlation Coefficient	,176	1,000	,945**
		Sig. (2-tailed)	,051	.	,000
		N	123	123	123
	distance_RGB	Correlation Coefficient	,084	,945**	1,000
		Sig. (2-tailed)	,357	,000	.
		N	123	123	123
	distance_Lab	Correlation Coefficient	-,026	,908**	,945**
		Sig. (2-tailed)	,776	,000	,000
		N	123	123	123

Correlations

			distance_Lab
Spearman's rho	age	Correlation Coefficient	,092
		Sig. (2-tailed)	,311
		N	123
	genderX	Correlation Coefficient	-,108
		Sig. (2-tailed)	,234
		N	123
	distance_HSV	Correlation Coefficient	,555**
		Sig. (2-tailed)	,000
		N	123
	distance_LCh	Correlation Coefficient	-,026
		Sig. (2-tailed)	,776
		N	123
	distance_CMYK	Correlation Coefficient	,908**
		Sig. (2-tailed)	,000
		N	123
	distance_RGB	Correlation Coefficient	,945**
		Sig. (2-tailed)	,000
		N	123
	distance_Lab	Correlation Coefficient	1,000
		Sig. (2-tailed)	.
		N	123

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

```
SAVE OUTFILE='/Users/PauloGarcia/Desktop/blendingbox/Analysis/First Study/SPSS
 '+
    'Files/datasets/demo_q12.sav'
  /COMPRESSED.

GET DATA  /TYPE=TXT
  /FILE="/Users/PauloGarcia/Desktop/blendingbox/Analysis/First Study/Results/Q
uestion 13/q13_allDemoResults.csv"
  /ENCODING='UTF8'
  /DELCASE=LINE
  /DELIMITERS=","
  /ARRANGEMENT=DELIMITED
  /FIRSTCASE=2
  /IMPORTCASE=ALL
```

```
  /VARIABLES=
  id A13
  age F3.0
  gender A6
  num_answers F2.0
  in_person A3
  typeOfQuestion A12
  first_color A7
  second_color F3.0
  third_color F3.0
  clicks F4.0
  rating F1.0
  C1_name A9
  C2_name A9
  distance_expectedC1C2COMMA4.0
  distance_HSV COMMA4.0
  distance_LCh COMMA4.0
  distance_CMYK COMMA4.0
  distance_RGB COMMA4.0
  distance_Lab COMMA4.0.
CACHE.
EXECUTE.
DATASET NAME DataSet14 WINDOW=FRONT.
DATASET ACTIVATE DataSet14.
DATASET CLOSE DataSet13.
AUTORECODE VARIABLES=gender
  /INTO genderX
  /PRINT.
gender into genderX
Old Value  New Value  Value Label

Female             1  Female
Male               2  Male
Other              3  Other


NONPAR CORR
  /VARIABLES=age genderX distance_HSV distance_LCh distance_CMYK distance_RGB
distance_Lab
  /PRINT=SPEARMAN TWOTAIL NOSIG
  /MISSING=PAIRWISE.
```

Nonparametric Correlations

Notes

Output Created		03-OCT-2016 21:35:45
Comments		
Input	Data	/Users/PauloGarcia/Desktop/blendingbox/Analysis/First Study/Results/Question 13/q13_allDemoResults.csv
	Active Dataset	DataSet14
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	135
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		NONPAR CORR /VARIABLES=age genderX distance_HSV distance_LCh distance_CMYK distance_RGB distance_Lab /PRINT=SPEARMAN TWOTAIL NOSIG /MISSING=PAIRWISE.
Resources	Processor Time	00:00:00,01
	Elapsed Time	00:00:00,00
	Number of Cases Allowed	78643 cases[a]

a. Based on availability of workspace memory

Correlations

			age	genderX	distance_HSV
Spearman's rho	age	Correlation Coefficient	1,000	-,082	,117
		Sig. (2-tailed)	.	,347	,178
		N	135	135	135
	genderX	Correlation Coefficient	-,082	1,000	,036
		Sig. (2-tailed)	,347	.	,682
		N	135	135	135
	distance_HSV	Correlation Coefficient	,117	,036	1,000
		Sig. (2-tailed)	,178	,682	.
		N	135	135	135
	distance_LCh	Correlation Coefficient	-,053	-,025	-,251**
		Sig. (2-tailed)	,545	,772	,003
		N	135	135	135
	distance_CMYK	Correlation Coefficient	-,010	,005	,721**
		Sig. (2-tailed)	,904	,952	,000
		N	135	135	135
	distance_RGB	Correlation Coefficient	,024	-,003	,747**
		Sig. (2-tailed)	,786	,975	,000
		N	135	135	135
	distance_Lab	Correlation Coefficient	-,008	,049	,771**
		Sig. (2-tailed)	,924	,570	,000
		N	135	135	135

Correlations

			distance_LCh	distance_CMYK	distance_RGB
Spearman's rho	age	Correlation Coefficient	-,053	-,010	,024
		Sig. (2-tailed)	,545	,904	,786
		N	135	135	135
	genderX	Correlation Coefficient	-,025	,005	-,003
		Sig. (2-tailed)	,772	,952	,975
		N	135	135	135
	distance_HSV	Correlation Coefficient	-,251**	,721**	,747**
		Sig. (2-tailed)	,003	,000	,000
		N	135	135	135
	distance_LCh	Correlation Coefficient	1,000	-,206*	,004
		Sig. (2-tailed)	.	,017	,967
		N	135	135	135
	distance_CMYK	Correlation Coefficient	-,206*	1,000	,861**
		Sig. (2-tailed)	,017	.	,000
		N	135	135	135
	distance_RGB	Correlation Coefficient	,004	,861**	1,000
		Sig. (2-tailed)	,967	,000	.
		N	135	135	135
	distance_Lab	Correlation Coefficient	-,046	,848**	,920**
		Sig. (2-tailed)	,596	,000	,000
		N	135	135	135

Correlations

			distance_Lab
Spearman's rho	age	Correlation Coefficient	-,008
		Sig. (2-tailed)	,924
		N	135
	genderX	Correlation Coefficient	,049
		Sig. (2-tailed)	,570
		N	135
	distance_HSV	Correlation Coefficient	,771**
		Sig. (2-tailed)	,000
		N	135
	distance_LCh	Correlation Coefficient	-,046
		Sig. (2-tailed)	,596
		N	135
	distance_CMYK	Correlation Coefficient	,848**
		Sig. (2-tailed)	,000
		N	135
	distance_RGB	Correlation Coefficient	,920**
		Sig. (2-tailed)	,000
		N	135
	distance_Lab	Correlation Coefficient	1,000
		Sig. (2-tailed)	.
		N	135

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

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

```
SAVE OUTFILE='/Users/PauloGarcia/Desktop/blendingbox/Analysis/First Study/SPSS
 '+
    'Files/datasets/demo_q13.sav'
  /COMPRESSED.

GET DATA  /TYPE=TXT
  /FILE="/Users/PauloGarcia/Desktop/blendingbox/Analysis/First Study/Results/Q
uestion 14/q14_allDemoResults.csv"
  /ENCODING='UTF8'
  /DELCASE=LINE
  /DELIMITERS=","
  /ARRANGEMENT=DELIMITED
  /FIRSTCASE=2
```

```
  /IMPORTCASE=ALL
  /VARIABLES=
  id A13
  age F3.0
  gender A6
  num_answers F2.0
  in_person A3
  typeOfQuestion A12
  first_color A7
  second_color F3.0
  third_color F3.0
  clicks F4.0
  rating F1.0
  C1_name A9
  C2_name A9
  distance_expectedC1C2COMMA4.0
  distance_HSV COMMA4.0
  distance_LCh COMMA4.0
  distance_CMYK COMMA4.0
  distance_RGB COMMA4.0
  distance_Lab COMMA4.0.
CACHE.
EXECUTE.
DATASET NAME DataSet15 WINDOW=FRONT.
DATASET ACTIVATE DataSet15.
DATASET CLOSE DataSet14.
AUTORECODE VARIABLES=gender
  /INTO genderX
  /PRINT.
gender into genderX
Old Value  New Value  Value Label

Female             1  Female
Male               2  Male
Other              3  Other


NONPAR CORR
  /VARIABLES=age genderX distance_HSV distance_LCh distance_CMYK distance_RGB
distance_Lab
  /PRINT=SPEARMAN TWOTAIL NOSIG
  /MISSING=PAIRWISE.
```

Nonparametric Correlations

Notes

Output Created		03-OCT-2016 21:37:47
Comments		
Input	Data	/Users/PauloGarcia/Desktop/blendingbox/Analysis/First Study/Results/Question 14/q14_allDemoResults.csv
	Active Dataset	DataSet15
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	133
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		NONPAR CORR /VARIABLES=age genderX distance_HSV distance_LCh distance_CMYK distance_RGB distance_Lab /PRINT=SPEARMAN TWOTAIL NOSIG /MISSING=PAIRWISE.
Resources	Processor Time	00:00:00,01
	Elapsed Time	00:00:00,00
	Number of Cases Allowed	78643 cases[a]

a. Based on availability of workspace memory

Correlations

			age	genderX	distance_HSV
Spearman's rho	age	Correlation Coefficient	1,000	-,105	,079
		Sig. (2-tailed)	.	,230	,364
		N	133	133	133
	genderX	Correlation Coefficient	-,105	1,000	-,018
		Sig. (2-tailed)	,230	.	,834
		N	133	133	133
	distance_HSV	Correlation Coefficient	,079	-,018	1,000
		Sig. (2-tailed)	,364	,834	.
		N	133	133	133
	distance_LCh	Correlation Coefficient	-,124	,053	-,320**
		Sig. (2-tailed)	,157	,546	,000
		N	133	133	133
	distance_CMYK	Correlation Coefficient	,011	,118	,702**
		Sig. (2-tailed)	,900	,176	,000
		N	133	133	133
	distance_RGB	Correlation Coefficient	,128	-,011	,862**
		Sig. (2-tailed)	,143	,897	,000
		N	133	133	133
	distance_Lab	Correlation Coefficient	,115	,036	,780**
		Sig. (2-tailed)	,188	,683	,000
		N	133	133	133

Correlations

			distance_LCh	distance_CMYK	distance_RGB
Spearman's rho	age	Correlation Coefficient	-,124	,011	,128
		Sig. (2-tailed)	,157	,900	,143
		N	133	133	133
	genderX	Correlation Coefficient	,053	,118	-,011
		Sig. (2-tailed)	,546	,176	,897
		N	133	133	133
	distance_HSV	Correlation Coefficient	-,320**	,702**	,862**
		Sig. (2-tailed)	,000	,000	,000
		N	133	133	133
	distance_LCh	Correlation Coefficient	1,000	-,074	-,353**
		Sig. (2-tailed)	.	,398	,000
		N	133	133	133
	distance_CMYK	Correlation Coefficient	-,074	1,000	,795**
		Sig. (2-tailed)	,398	.	,000
		N	133	133	133
	distance_RGB	Correlation Coefficient	-,353**	,795**	1,000
		Sig. (2-tailed)	,000	,000	.
		N	133	133	133
	distance_Lab	Correlation Coefficient	-,155	,879**	,926**
		Sig. (2-tailed)	,076	,000	,000
		N	133	133	133

Correlations

			distance_Lab
Spearman's rho	age	Correlation Coefficient	,115
		Sig. (2-tailed)	,188
		N	133
	genderX	Correlation Coefficient	,036
		Sig. (2-tailed)	,683
		N	133
	distance_HSV	Correlation Coefficient	,780**
		Sig. (2-tailed)	,000
		N	133
	distance_LCh	Correlation Coefficient	-,155
		Sig. (2-tailed)	,076
		N	133
	distance_CMYK	Correlation Coefficient	,879**
		Sig. (2-tailed)	,000
		N	133
	distance_RGB	Correlation Coefficient	,926**
		Sig. (2-tailed)	,000
		N	133
	distance_Lab	Correlation Coefficient	1,000
		Sig. (2-tailed)	.
		N	133

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

```
SAVE OUTFILE='/Users/PauloGarcia/Desktop/blendingbox/Analysis/First Study/SPSS
 '+
    'Files/datasets/demo_q14.sav'
  /COMPRESSED.

GET DATA  /TYPE=TXT
  /FILE="/Users/PauloGarcia/Desktop/blendingbox/Analysis/First Study/Results/Q
uestion 15/q15_allDemoResults.csv"
  /ENCODING='UTF8'
  /DELCASE=LINE
  /DELIMITERS=","
  /ARRANGEMENT=DELIMITED
  /FIRSTCASE=2
  /IMPORTCASE=ALL
```

```
  /VARIABLES=
  id A13
  age F3.0
  gender A6
  num_answers F2.0
  in_person A3
  typeOfQuestion A12
  first_color A7
  second_color F3.0
  third_color F3.0
  clicks F4.0
  rating F1.0
  C1_name A9
  C2_name A9
  distance_expectedC1C2COMMA4.0
  distance_HSV COMMA4.0
  distance_LCh COMMA4.0
  distance_CMYK COMMA4.0
  distance_RGB COMMA4.0
  distance_Lab COMMA4.0.
CACHE.
EXECUTE.
DATASET NAME DataSet16 WINDOW=FRONT.
DATASET CLOSE DataSet15.
AUTORECODE VARIABLES=gender
  /INTO genderX
  /PRINT.
gender into genderX
Old Value  New Value  Value Label

Female             1  Female
Male               2  Male
Other              3  Other


NONPAR CORR
  /VARIABLES=age genderX distance_HSV distance_LCh distance_CMYK distance_RGB
distance_Lab
  /PRINT=SPEARMAN TWOTAIL NOSIG
  /MISSING=PAIRWISE.
```

Nonparametric Correlations

Notes

Output Created		03-OCT-2016 21:39:23
Comments		
Input	Data	/Users/PauloGarcia/Desktop/blendingbox/Analysis/First Study/Results/Question 15/q15_allDemoResults.csv
	Active Dataset	DataSet16
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	135
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		NONPAR CORR /VARIABLES=age genderX distance_HSV distance_LCh distance_CMYK distance_RGB distance_Lab /PRINT=SPEARMAN TWOTAIL NOSIG /MISSING=PAIRWISE.
Resources	Processor Time	00:00:00,01
	Elapsed Time	00:00:00,00
	Number of Cases Allowed	78643 cases[a]

a. Based on availability of workspace memory

Correlations

			age	genderX	distance_HSV
Spearman's rho	age	Correlation Coefficient	1,000	-,108	,039
		Sig. (2-tailed)	.	,211	,653
		N	135	135	135
	genderX	Correlation Coefficient	-,108	1,000	-,143
		Sig. (2-tailed)	,211	.	,098
		N	135	135	135
	distance_HSV	Correlation Coefficient	,039	-,143	1,000
		Sig. (2-tailed)	,653	,098	.
		N	135	135	135
	distance_LCh	Correlation Coefficient	,005	,215*	-,291**
		Sig. (2-tailed)	,955	,012	,001
		N	135	135	135
	distance_CMYK	Correlation Coefficient	-,030	,074	,327**
		Sig. (2-tailed)	,733	,393	,000
		N	135	135	135
	distance_RGB	Correlation Coefficient	-,069	,053	,383**
		Sig. (2-tailed)	,427	,539	,000
		N	135	135	135
	distance_Lab	Correlation Coefficient	-,046	,100	,175*
		Sig. (2-tailed)	,598	,248	,043
		N	135	135	135

Correlations

			distance_LCh	distance_CMYK	distance_RGB
Spearman's rho	age	Correlation Coefficient	,005	-,030	-,069
		Sig. (2-tailed)	,955	,733	,427
		N	135	135	135
	genderX	Correlation Coefficient	,215*	,074	,053
		Sig. (2-tailed)	,012	,393	,539
		N	135	135	135
	distance_HSV	Correlation Coefficient	-,291**	,327**	,383**
		Sig. (2-tailed)	,001	,000	,000
		N	135	135	135
	distance_LCh	Correlation Coefficient	1,000	,083	,146
		Sig. (2-tailed)	.	,338	,092
		N	135	135	135
	distance_CMYK	Correlation Coefficient	,083	1,000	,789**
		Sig. (2-tailed)	,338	.	,000
		N	135	135	135
	distance_RGB	Correlation Coefficient	,146	,789**	1,000
		Sig. (2-tailed)	,092	,000	.
		N	135	135	135
	distance_Lab	Correlation Coefficient	,190*	,888**	,859**
		Sig. (2-tailed)	,027	,000	,000
		N	135	135	135

Correlations

			distance_Lab
Spearman's rho	age	Correlation Coefficient	-,046
		Sig. (2-tailed)	,598
		N	135
	genderX	Correlation Coefficient	,100
		Sig. (2-tailed)	,248
		N	135
	distance_HSV	Correlation Coefficient	,175*
		Sig. (2-tailed)	,043
		N	135
	distance_LCh	Correlation Coefficient	,190*
		Sig. (2-tailed)	,027
		N	135
	distance_CMYK	Correlation Coefficient	,888**
		Sig. (2-tailed)	,000
		N	135
	distance_RGB	Correlation Coefficient	,859**
		Sig. (2-tailed)	,000
		N	135
	distance_Lab	Correlation Coefficient	1,000
		Sig. (2-tailed)	.
		N	135

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

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

```
SAVE OUTFILE='/Users/PauloGarcia/Desktop/blendingbox/Analysis/First Study/SPSS
 '+
    'Files/datasets/demo_q15.sav'
  /COMPRESSED.

GET DATA  /TYPE=TXT
  /FILE="/Users/PauloGarcia/Desktop/blendingbox/Analysis/First Study/Results/Q
uestion 16/q16_allDemoResults.csv"
  /ENCODING='UTF8'
  /DELCASE=LINE
  /DELIMITERS=","
  /ARRANGEMENT=DELIMITED
  /FIRSTCASE=2
```

```
  /IMPORTCASE=ALL
  /VARIABLES=
  id A13
  age F3.0
  gender A6
  num_answers F2.0
  in_person A3
  typeOfQuestion A12
  first_color A7
  second_color F3.0
  third_color F3.0
  clicks F4.0
  rating F1.0
  C1_name A9
  C2_name A9
  distance_expectedC1C2COMMA4.0
  distance_HSV COMMA4.0
  distance_LCh COMMA4.0
  distance_CMYK COMMA4.0
  distance_RGB COMMA4.0
  distance_Lab COMMA4.0.
CACHE.
EXECUTE.
DATASET NAME DataSet17 WINDOW=FRONT.
DATASET CLOSE DataSet16.
AUTORECODE VARIABLES=gender
  /INTO genderX
  /PRINT.
gender into genderX
Old Value  New Value  Value Label

Female             1  Female
Male               2  Male
Other              3  Other


NONPAR CORR
  /VARIABLES=age genderX distance_HSV distance_LCh distance_CMYK distance_RGB
distance_Lab
  /PRINT=SPEARMAN TWOTAIL NOSIG
  /MISSING=PAIRWISE.
```

Nonparametric Correlations

Notes

Output Created		03-OCT-2016 21:41:51
Comments		
Input	Data	/Users/PauloGarcia/Desktop/blendingbox/Analysis/First Study/Results/Question 16/q16_allDemoResults.csv
	Active Dataset	DataSet17
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	140
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		NONPAR CORR /VARIABLES=age genderX distance_HSV distance_LCh distance_CMYK distance_RGB distance_Lab /PRINT=SPEARMAN TWOTAIL NOSIG /MISSING=PAIRWISE.
Resources	Processor Time	00:00:00,01
	Elapsed Time	00:00:00,00
	Number of Cases Allowed	78643 cases[a]

a. Based on availability of workspace memory

Correlations

			age	genderX	distance_HSV
Spearman's rho	age	Correlation Coefficient	1,000	-,133	-,013
		Sig. (2-tailed)	.	,117	,878
		N	140	140	140
	genderX	Correlation Coefficient	-,133	1,000	,023
		Sig. (2-tailed)	,117	.	,792
		N	140	140	140
	distance_HSV	Correlation Coefficient	-,013	,023	1,000
		Sig. (2-tailed)	,878	,792	.
		N	140	140	140
	distance_LCh	Correlation Coefficient	,012	,006	,247**
		Sig. (2-tailed)	,891	,944	,003
		N	140	140	140
	distance_CMYK	Correlation Coefficient	,097	-,191*	-,415**
		Sig. (2-tailed)	,254	,024	,000
		N	140	140	140
	distance_RGB	Correlation Coefficient	,144	-,222**	-,266**
		Sig. (2-tailed)	,089	,008	,001
		N	140	140	140
	distance_Lab	Correlation Coefficient	,115	-,219**	-,206*
		Sig. (2-tailed)	,177	,009	,015
		N	140	140	140

Correlations

			distance_LCh	distance_CMYK	distance_RGB
Spearman's rho	age	Correlation Coefficient	,012	,097	,144
		Sig. (2-tailed)	,891	,254	,089
		N	140	140	140
	genderX	Correlation Coefficient	,006	-,191*	-,222**
		Sig. (2-tailed)	,944	,024	,008
		N	140	140	140
	distance_HSV	Correlation Coefficient	,247**	-,415**	-,266**
		Sig. (2-tailed)	,003	,000	,001
		N	140	140	140
	distance_LCh	Correlation Coefficient	1,000	-,706**	-,607**
		Sig. (2-tailed)	.	,000	,000
		N	140	140	140
	distance_CMYK	Correlation Coefficient	-,706**	1,000	,941**
		Sig. (2-tailed)	,000	.	,000
		N	140	140	140
	distance_RGB	Correlation Coefficient	-,607**	,941**	1,000
		Sig. (2-tailed)	,000	,000	.
		N	140	140	140
	distance_Lab	Correlation Coefficient	-,620**	,932**	,953**
		Sig. (2-tailed)	,000	,000	,000
		N	140	140	140

Correlations

			distance_Lab
Spearman's rho	age	Correlation Coefficient	,115
		Sig. (2-tailed)	,177
		N	140
	genderX	Correlation Coefficient	-,219**
		Sig. (2-tailed)	,009
		N	140
	distance_HSV	Correlation Coefficient	-,206*
		Sig. (2-tailed)	,015
		N	140
	distance_LCh	Correlation Coefficient	-,620**
		Sig. (2-tailed)	,000
		N	140
	distance_CMYK	Correlation Coefficient	,932**
		Sig. (2-tailed)	,000
		N	140
	distance_RGB	Correlation Coefficient	,953**
		Sig. (2-tailed)	,000
		N	140
	distance_Lab	Correlation Coefficient	1,000
		Sig. (2-tailed)	.
		N	140

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

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

```
SAVE OUTFILE='/Users/PauloGarcia/Desktop/blendingbox/Analysis/First Study/SPSS
 '+
    'Files/datasets/demo_q16.sav'
  /COMPRESSED.

GET DATA  /TYPE=TXT
  /FILE="/Users/PauloGarcia/Desktop/blendingbox/Analysis/First Study/Results/Q
uestion 17/q17_allDemoResults.csv"
  /ENCODING='UTF8'
  /DELCASE=LINE
  /DELIMITERS=","
  /ARRANGEMENT=DELIMITED
  /FIRSTCASE=2
```

```
  /IMPORTCASE=ALL
  /VARIABLES=
  id A13
  age F3.0
  gender A6
  num_answers F2.0
  in_person A3
  typeOfQuestion A12
  first_color A7
  second_color F3.0
  third_color F3.0
  clicks F4.0
  rating F1.0
  C1_name A9
  C2_name A9
  distance_expectedC1C2COMMA4.0
  distance_HSV COMMA4.0
  distance_LCh COMMA4.0
  distance_CMYK COMMA4.0
  distance_RGB COMMA4.0
  distance_Lab COMMA4.0.
CACHE.
EXECUTE.
DATASET NAME DataSet18 WINDOW=FRONT.
DATASET ACTIVATE DataSet18.
DATASET CLOSE DataSet17.
AUTORECODE VARIABLES=gender
  /INTO genderX
  /PRINT.
gender into genderX
Old Value  New Value  Value Label

Female             1  Female
Male               2  Male
Other              3  Other


NONPAR CORR
  /VARIABLES=age genderX distance_HSV distance_LCh distance_CMYK distance_RGB
distance_Lab
  /PRINT=SPEARMAN TWOTAIL NOSIG
  /MISSING=PAIRWISE.
```

Nonparametric Correlations

Notes

Output Created		03-OCT-2016 21:44:38
Comments		
Input	Data	/Users/PauloGarcia/Desktop/blendingbox/Analysis/First Study/Results/Question 17/q17_allDemoResults.csv
	Active Dataset	DataSet18
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	131
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		NONPAR CORR /VARIABLES=age genderX distance_HSV distance_LCh distance_CMYK distance_RGB distance_Lab /PRINT=SPEARMAN TWOTAIL NOSIG /MISSING=PAIRWISE.
Resources	Processor Time	00:00:00,01
	Elapsed Time	00:00:00,00
	Number of Cases Allowed	78643 cases[a]

a. Based on availability of workspace memory

Correlations

			age	genderX	distance_HSV
Spearman's rho	age	Correlation Coefficient	1,000	-,097	-,037
		Sig. (2-tailed)	.	,271	,676
		N	131	131	131
	genderX	Correlation Coefficient	-,097	1,000	,022
		Sig. (2-tailed)	,271	.	,806
		N	131	131	131
	distance_HSV	Correlation Coefficient	-,037	,022	1,000
		Sig. (2-tailed)	,676	,806	.
		N	131	131	131
	distance_LCh	Correlation Coefficient	-,043	,007	,509**
		Sig. (2-tailed)	,624	,932	,000
		N	131	131	131
	distance_CMYK	Correlation Coefficient	-,061	,046	,758**
		Sig. (2-tailed)	,491	,600	,000
		N	131	131	131
	distance_RGB	Correlation Coefficient	-,089	,143	,813**
		Sig. (2-tailed)	,313	,104	,000
		N	131	131	131
	distance_Lab	Correlation Coefficient	-,114	,183*	,658**
		Sig. (2-tailed)	,196	,037	,000
		N	131	131	131

Correlations

			distance_LCh	distance_CMYK	distance_RGB
Spearman's rho	age	Correlation Coefficient	-,043	-,061	-,089
		Sig. (2-tailed)	,624	,491	,313
		N	131	131	131
	genderX	Correlation Coefficient	,007	,046	,143
		Sig. (2-tailed)	,932	,600	,104
		N	131	131	131
	distance_HSV	Correlation Coefficient	,509**	,758**	,813**
		Sig. (2-tailed)	,000	,000	,000
		N	131	131	131
	distance_LCh	Correlation Coefficient	1,000	,615**	,560**
		Sig. (2-tailed)	.	,000	,000
		N	131	131	131
	distance_CMYK	Correlation Coefficient	,615**	1,000	,723**
		Sig. (2-tailed)	,000	.	,000
		N	131	131	131
	distance_RGB	Correlation Coefficient	,560**	,723**	1,000
		Sig. (2-tailed)	,000	,000	.
		N	131	131	131
	distance_Lab	Correlation Coefficient	,575**	,602**	,921**
		Sig. (2-tailed)	,000	,000	,000
		N	131	131	131

Correlations

			distance_Lab
Spearman's rho	age	Correlation Coefficient	-,114
		Sig. (2-tailed)	,196
		N	131
	genderX	Correlation Coefficient	,183*
		Sig. (2-tailed)	,037
		N	131
	distance_HSV	Correlation Coefficient	,658**
		Sig. (2-tailed)	,000
		N	131
	distance_LCh	Correlation Coefficient	,575**
		Sig. (2-tailed)	,000
		N	131
	distance_CMYK	Correlation Coefficient	,602**
		Sig. (2-tailed)	,000
		N	131
	distance_RGB	Correlation Coefficient	,921**
		Sig. (2-tailed)	,000
		N	131
	distance_Lab	Correlation Coefficient	1,000
		Sig. (2-tailed)	.
		N	131

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

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

```
SAVE OUTFILE='/Users/PauloGarcia/Desktop/blendingbox/Analysis/First Study/SPSS
 '+
    'Files/datasets/demo_q17.sav'
  /COMPRESSED.

GET DATA  /TYPE=TXT
  /FILE="/Users/PauloGarcia/Desktop/blendingbox/Analysis/First Study/Results/Q
uestion 18/q18_allDemoResults.csv"
  /ENCODING='UTF8'
  /DELCASE=LINE
  /DELIMITERS=","
  /ARRANGEMENT=DELIMITED
  /FIRSTCASE=2
```

```
  /IMPORTCASE=ALL
  /VARIABLES=
  id A13
  age F3.0
  gender A6
  num_answers F2.0
  in_person A3
  typeOfQuestion A12
  first_color A7
  second_color F3.0
  third_color F3.0
  clicks F4.0
  rating F1.0
  C1_name A9
  C2_name A9
  distance_expectedC1C2COMMA4.0
  distance_HSV COMMA4.0
  distance_LCh COMMA4.0
  distance_CMYK COMMA4.0
  distance_RGB COMMA4.0
  distance_Lab COMMA4.0.
CACHE.
EXECUTE.
DATASET NAME DataSet19 WINDOW=FRONT.
DATASET CLOSE DataSet18.

GET DATA  /TYPE=TXT
  /FILE="/Users/PauloGarcia/Desktop/blendingbox/Analysis/First Study/Results/Q
uestion 18/q18_allDemoResults.csv"
  /ENCODING='UTF8'
  /DELCASE=LINE
  /DELIMITERS=","
  /ARRANGEMENT=DELIMITED
  /FIRSTCASE=2
  /IMPORTCASE=ALL
  /VARIABLES=
  id A13
  age F2.0
  gender A6
  num_answers F2.0
  in_person A3
  typeOfQuestion A12
  first_color A7
  second_color A7
  third_color A7
  clicks F4.0
  rating F1.0
  C3_name A9
  distance_expectedC3COMMA4.0
  distance_HSV COMMA4.0
  distance_LCh COMMA4.0
  distance_CMYK COMMA4.0
  distance_RGB COMMA4.0
  distance_Lab COMMA4.0.
CACHE.
EXECUTE.
```

```
DATASET NAME DataSet20 WINDOW=FRONT.
DATASET CLOSE DataSet19.
AUTORECODE VARIABLES=gender
  /INTO genderX
  /PRINT.
gender into genderX
Old Value  New Value  Value Label

Female             1  Female
Male               2  Male
Other              3  Other


NONPAR CORR
  /VARIABLES=age genderX distance_HSV distance_LCh distance_CMYK distance_RGB
distance_Lab
  /PRINT=SPEARMAN TWOTAIL NOSIG
  /MISSING=PAIRWISE.
```

Nonparametric Correlations

Notes

Output Created		**03-OCT-2016 21:51:07**
Comments		
Input	**Data**	**/Users/PauloGarcia/Desktop/blendingbox/Analysis/First Study/Results/Question 18/q18_allDemoResults.csv**
	Active Dataset	**DataSet20**
	Filter	**<none>**
	Weight	**<none>**
	Split File	**<none>**
	N of Rows in Working Data File	**141**
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		**NONPAR CORR /VARIABLES=age genderX distance_HSV distance_LCh distance_CMYK distance_RGB distance_Lab /PRINT=SPEARMAN TWOTAIL NOSIG /MISSING=PAIRWISE.**

Notes

Resources	Processor Time	00:00:00,01
	Elapsed Time	00:00:00,00
	Number of Cases Allowed	78643 cases[a]

a. Based on availability of workspace memory

Correlations

			age	genderX	distance_HSV
Spearman's rho	age	Correlation Coefficient	1,000	-,105	,109
		Sig. (2-tailed)	.	,217	,200
		N	141	141	141
	genderX	Correlation Coefficient	-,105	1,000	-,004
		Sig. (2-tailed)	,217	.	,959
		N	141	141	141
	distance_HSV	Correlation Coefficient	,109	-,004	1,000
		Sig. (2-tailed)	,200	,959	.
		N	141	141	141
	distance_LCh	Correlation Coefficient	,102	,017	,771**
		Sig. (2-tailed)	,228	,842	,000
		N	141	141	141
	distance_CMYK	Correlation Coefficient	,085	,049	,853**
		Sig. (2-tailed)	,317	,567	,000
		N	141	141	141
	distance_RGB	Correlation Coefficient	,087	-,016	,993**
		Sig. (2-tailed)	,307	,855	,000
		N	141	141	141
	distance_Lab	Correlation Coefficient	,044	,010	,938**
		Sig. (2-tailed)	,602	,904	,000
		N	141	141	141

Correlations

			distance_LCh	distance_CMYK	distance_RGB
Spearman's rho	age	Correlation Coefficient	,102	,085	,087
		Sig. (2-tailed)	,228	,317	,307
		N	141	141	141
	genderX	Correlation Coefficient	,017	,049	-,016
		Sig. (2-tailed)	,842	,567	,855
		N	141	141	141
	distance_HSV	Correlation Coefficient	,771**	,853**	,993**
		Sig. (2-tailed)	,000	,000	,000
		N	141	141	141
	distance_LCh	Correlation Coefficient	1,000	,945**	,791**
		Sig. (2-tailed)	.	,000	,000
		N	141	141	141
	distance_CMYK	Correlation Coefficient	,945**	1,000	,865**
		Sig. (2-tailed)	,000	.	,000
		N	141	141	141
	distance_RGB	Correlation Coefficient	,791**	,865**	1,000
		Sig. (2-tailed)	,000	,000	.
		N	141	141	141
	distance_Lab	Correlation Coefficient	,846**	,939**	,951**
		Sig. (2-tailed)	,000	,000	,000
		N	141	141	141

Correlations

			distance_Lab
Spearman's rho	age	Correlation Coefficient	,044
		Sig. (2-tailed)	,602
		N	141
	genderX	Correlation Coefficient	,010
		Sig. (2-tailed)	,904
		N	141
	distance_HSV	Correlation Coefficient	,938**
		Sig. (2-tailed)	,000
		N	141
	distance_LCh	Correlation Coefficient	,846**
		Sig. (2-tailed)	,000
		N	141
	distance_CMYK	Correlation Coefficient	,939**
		Sig. (2-tailed)	,000
		N	141
	distance_RGB	Correlation Coefficient	,951**
		Sig. (2-tailed)	,000
		N	141
	distance_Lab	Correlation Coefficient	1,000
		Sig. (2-tailed)	.
		N	141

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

```
SAVE OUTFILE='/Users/PauloGarcia/Desktop/blendingbox/Analysis/First Study/SPSS
 '+
    'Files/datasets/demo_q18.sav'
  /COMPRESSED.

GET DATA  /TYPE=TXT
  /FILE="/Users/PauloGarcia/Desktop/blendingbox/Analysis/First Study/Results/Q
uestion 19/q19_allDemoResults.csv"
  /ENCODING='UTF8'
  /DELCASE=LINE
  /DELIMITERS=","
  /ARRANGEMENT=DELIMITED
  /FIRSTCASE=2
  /IMPORTCASE=ALL
```

```
  /VARIABLES=
  id A13
  age F2.0
  gender A6
  num_answers F2.0
  in_person A3
  typeOfQuestion A12
  first_color A7
  second_color A7
  third_color A7
  clicks F4.0
  rating F1.0
  C3_name A9
  distance_expectedC3COMMA4.0
  distance_HSV COMMA4.0
  distance_LCh COMMA4.0
  distance_CMYK COMMA4.0
  distance_RGB COMMA4.0
  distance_Lab COMMA4.0.
CACHE.
EXECUTE.
DATASET NAME DataSet21 WINDOW=FRONT.
DATASET CLOSE DataSet20.
AUTORECODE VARIABLES=gender
  /INTO genderX
  /PRINT.
gender into genderX
Old Value  New Value  Value Label

Female             1  Female
Male               2  Male
Other              3  Other


NONPAR CORR
  /VARIABLES=age genderX distance_HSV distance_LCh distance_CMYK distance_RGB
distance_Lab
  /PRINT=SPEARMAN TWOTAIL NOSIG
  /MISSING=PAIRWISE.
```

Nonparametric Correlations

Notes

Output Created		03-OCT-2016 21:54:16
Comments		
Input	Data	/Users/PauloGarcia/Desktop/blendingbox/Analysis/First Study/Results/Question 19/q19_allDemoResults.csv
	Active Dataset	DataSet21
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	140
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		NONPAR CORR /VARIABLES=age genderX distance_HSV distance_LCh distance_CMYK distance_RGB distance_Lab /PRINT=SPEARMAN TWOTAIL NOSIG /MISSING=PAIRWISE.
Resources	Processor Time	00:00:00,01
	Elapsed Time	00:00:00,00
	Number of Cases Allowed	78643 cases[a]

a. Based on availability of workspace memory

Correlations

			age	genderX	distance_HSV
Spearman's rho	age	Correlation Coefficient	1,000	-,174*	,186*
		Sig. (2-tailed)	.	,040	,028
		N	140	140	140
	genderX	Correlation Coefficient	-,174*	1,000	,073
		Sig. (2-tailed)	,040	.	,395
		N	140	140	140
	distance_HSV	Correlation Coefficient	,186*	,073	1,000
		Sig. (2-tailed)	,028	,395	.
		N	140	140	140
	distance_LCh	Correlation Coefficient	-,007	,115	,140
		Sig. (2-tailed)	,931	,176	,100
		N	140	140	140
	distance_CMYK	Correlation Coefficient	,013	,102	,166*
		Sig. (2-tailed)	,881	,233	,049
		N	140	140	140
	distance_RGB	Correlation Coefficient	,168*	,086	,985**
		Sig. (2-tailed)	,047	,312	,000
		N	140	140	140
	distance_Lab	Correlation Coefficient	,064	,093	,422**
		Sig. (2-tailed)	,450	,274	,000
		N	140	140	140

Correlations

			distance_LCh	distance_CMYK	distance_RGB
Spearman's rho	age	Correlation Coefficient	-,007	,013	,168*
		Sig. (2-tailed)	,931	,881	,047
		N	140	140	140
	genderX	Correlation Coefficient	,115	,102	,086
		Sig. (2-tailed)	,176	,233	,312
		N	140	140	140
	distance_HSV	Correlation Coefficient	,140	,166*	,985**
		Sig. (2-tailed)	,100	,049	,000
		N	140	140	140
	distance_LCh	Correlation Coefficient	1,000	,987**	,220**
		Sig. (2-tailed)	.	,000	,009
		N	140	140	140
	distance_CMYK	Correlation Coefficient	,987**	1,000	,235**
		Sig. (2-tailed)	,000	.	,005
		N	140	140	140
	distance_RGB	Correlation Coefficient	,220**	,235**	1,000
		Sig. (2-tailed)	,009	,005	.
		N	140	140	140
	distance_Lab	Correlation Coefficient	,910**	,927**	,488**
		Sig. (2-tailed)	,000	,000	,000
		N	140	140	140

Correlations

			distance_Lab
Spearman's rho	age	Correlation Coefficient	,064
		Sig. (2-tailed)	,450
		N	140
	genderX	Correlation Coefficient	,093
		Sig. (2-tailed)	,274
		N	140
	distance_HSV	Correlation Coefficient	,422**
		Sig. (2-tailed)	,000
		N	140
	distance_LCh	Correlation Coefficient	,910**
		Sig. (2-tailed)	,000
		N	140
	distance_CMYK	Correlation Coefficient	,927**
		Sig. (2-tailed)	,000
		N	140
	distance_RGB	Correlation Coefficient	,488**
		Sig. (2-tailed)	,000
		N	140
	distance_Lab	Correlation Coefficient	1,000
		Sig. (2-tailed)	.
		N	140

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

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

```
SAVE OUTFILE='/Users/PauloGarcia/Desktop/blendingbox/Analysis/First Study/SPSS
 '+
    'Files/datasets/demo_q19.sav'
  /COMPRESSED.

GET DATA  /TYPE=TXT
  /FILE="/Users/PauloGarcia/Desktop/blendingbox/Analysis/First Study/Results/Q
uestion 20/q20_allDemoResults.csv"
  /ENCODING='UTF8'
  /DELCASE=LINE
  /DELIMITERS=","
  /ARRANGEMENT=DELIMITED
  /FIRSTCASE=2
```

```
  /IMPORTCASE=ALL
  /VARIABLES=
  id A13
  age F2.0
  gender A6
  num_answers F2.0
  in_person A3
  typeOfQuestion A12
  first_color A7
  second_color A7
  third_color A7
  clicks F4.0
  rating F1.0
  C3_name A9
  distance_expectedC3COMMA4.0
  distance_HSV COMMA4.0
  distance_LCh COMMA4.0
  distance_CMYK COMMA4.0
  distance_RGB COMMA4.0
  distance_Lab COMMA4.0.
CACHE.
EXECUTE.
DATASET NAME DataSet22 WINDOW=FRONT.
DATASET CLOSE DataSet21.
AUTORECODE VARIABLES=gender
  /INTO genderX
  /PRINT.
gender into genderX
Old Value  New Value  Value Label

Female             1  Female
Male               2  Male
Other              3  Other


NONPAR CORR
  /VARIABLES=age genderX distance_HSV distance_LCh distance_CMYK distance_RGB
distance_Lab
  /PRINT=SPEARMAN TWOTAIL NOSIG
  /MISSING=PAIRWISE.
```

Nonparametric Correlations

Notes

Output Created		03-OCT-2016 21:57:41
Comments		
Input	Data	/Users/PauloGarcia/Desktop/blendingbox/Analysis/First Study/Results/Question 20/q20_allDemoResults.csv
	Active Dataset	DataSet22
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	135
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		NONPAR CORR /VARIABLES=age genderX distance_HSV distance_LCh distance_CMYK distance_RGB distance_Lab /PRINT=SPEARMAN TWOTAIL NOSIG /MISSING=PAIRWISE.
Resources	Processor Time	00:00:00,01
	Elapsed Time	00:00:00,00
	Number of Cases Allowed	78643 cases[a]

a. Based on availability of workspace memory

Correlations

			age	genderX	distance_HSV
Spearman's rho	age	Correlation Coefficient	1,000	-,105	,123
		Sig. (2-tailed)	.	,225	,155
		N	135	135	135
	genderX	Correlation Coefficient	-,105	1,000	-,032
		Sig. (2-tailed)	,225	.	,714
		N	135	135	135
	distance_HSV	Correlation Coefficient	,123	-,032	1,000
		Sig. (2-tailed)	,155	,714	.
		N	135	135	135
	distance_LCh	Correlation Coefficient	,031	-,039	,622**
		Sig. (2-tailed)	,725	,656	,000
		N	135	135	135
	distance_CMYK	Correlation Coefficient	,062	-,029	,923**
		Sig. (2-tailed)	,476	,742	,000
		N	135	135	135
	distance_RGB	Correlation Coefficient	,123	-,032	1,000**
		Sig. (2-tailed)	,155	,714	.
		N	135	135	135
	distance_Lab	Correlation Coefficient	,055	-,036	,913**
		Sig. (2-tailed)	,523	,680	,000
		N	135	135	135

Correlations

			distance_LCh	distance_CMYK	distance_RGB
Spearman's rho	age	Correlation Coefficient	,031	,062	,123
		Sig. (2-tailed)	,725	,476	,155
		N	135	135	135
	genderX	Correlation Coefficient	-,039	-,029	-,032
		Sig. (2-tailed)	,656	,742	,714
		N	135	135	135
	distance_HSV	Correlation Coefficient	,622**	,923**	1,000**
		Sig. (2-tailed)	,000	,000	.
		N	135	135	135
	distance_LCh	Correlation Coefficient	1,000	,821**	,622**
		Sig. (2-tailed)	.	,000	,000
		N	135	135	135
	distance_CMYK	Correlation Coefficient	,821**	1,000	,923**
		Sig. (2-tailed)	,000	.	,000
		N	135	135	135
	distance_RGB	Correlation Coefficient	,622**	,923**	1,000
		Sig. (2-tailed)	,000	,000	.
		N	135	135	135
	distance_Lab	Correlation Coefficient	,592**	,877**	,913**
		Sig. (2-tailed)	,000	,000	,000
		N	135	135	135

Correlations

			distance_Lab
Spearman's rho	age	Correlation Coefficient	,055
		Sig. (2-tailed)	,523
		N	135
	genderX	Correlation Coefficient	-,036
		Sig. (2-tailed)	,680
		N	135
	distance_HSV	Correlation Coefficient	,913**
		Sig. (2-tailed)	,000
		N	135
	distance_LCh	Correlation Coefficient	,592**
		Sig. (2-tailed)	,000
		N	135
	distance_CMYK	Correlation Coefficient	,877**
		Sig. (2-tailed)	,000
		N	135
	distance_RGB	Correlation Coefficient	,913**
		Sig. (2-tailed)	,000
		N	135
	distance_Lab	Correlation Coefficient	1,000
		Sig. (2-tailed)	.
		N	135

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

```
SAVE OUTFILE='/Users/PauloGarcia/Desktop/blendingbox/Analysis/First Study/SPSS
 '+
    'Files/datasets/demo_q20.sav'
  /COMPRESSED.

GET DATA  /TYPE=TXT
  /FILE="/Users/PauloGarcia/Desktop/blendingbox/Analysis/First Study/Results/Q
uestion 21/q21_allDemoResults.csv"
  /ENCODING='UTF8'
  /DELCASE=LINE
  /DELIMITERS=","
  /ARRANGEMENT=DELIMITED
  /FIRSTCASE=2
  /IMPORTCASE=ALL
```

```
  /VARIABLES=
  id A13
  age F2.0
  gender A6
  num_answers F2.0
  in_person A3
  typeOfQuestion A12
  first_color A7
  second_color A7
  third_color A7
  clicks F4.0
  rating F1.0
  C3_name A9
  distance_expectedC3COMMA4.0
  distance_HSV COMMA4.0
  distance_LCh COMMA4.0
  distance_CMYK COMMA4.0
  distance_RGB COMMA4.0
  distance_Lab COMMA4.0.
CACHE.
EXECUTE.
DATASET NAME DataSet23 WINDOW=FRONT.
DATASET ACTIVATE DataSet23.
DATASET CLOSE DataSet22.
AUTORECODE VARIABLES=gender
  /INTO genderX
  /PRINT.
gender into genderX
Old Value  New Value  Value Label

Female             1  Female
Male               2  Male
Other              3  Other


NONPAR CORR
  /VARIABLES=age genderX distance_HSV distance_LCh distance_CMYK distance_RGB
distance_Lab
  /PRINT=SPEARMAN TWOTAIL NOSIG
  /MISSING=PAIRWISE.
```

Nonparametric Correlations

Notes

Output Created		03-OCT-2016 21:59:43
Comments		
Input	Data	/Users/PauloGarcia/Desktop/blendingbox/Analysis/First Study/Results/Question 21/q21_allDemoResults.csv
	Active Dataset	DataSet23
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	141
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		NONPAR CORR /VARIABLES=age genderX distance_HSV distance_LCh distance_CMYK distance_RGB distance_Lab /PRINT=SPEARMAN TWOTAIL NOSIG /MISSING=PAIRWISE.
Resources	Processor Time	00:00:00,01
	Elapsed Time	00:00:00,00
	Number of Cases Allowed	78643 cases[a]

a. Based on availability of workspace memory

Correlations

			age	genderX	distance_HSV
Spearman's rho	age	Correlation Coefficient	1,000	-,145	,032
		Sig. (2-tailed)	.	,086	,706
		N	141	141	141
	genderX	Correlation Coefficient	-,145	1,000	-,100
		Sig. (2-tailed)	,086	.	,240
		N	141	141	141
	distance_HSV	Correlation Coefficient	,032	-,100	1,000
		Sig. (2-tailed)	,706	,240	.
		N	141	141	141
	distance_LCh	Correlation Coefficient	-,095	,092	-,949**
		Sig. (2-tailed)	,262	,277	,000
		N	141	141	141
	distance_CMYK	Correlation Coefficient	,032	-,100	1,000**
		Sig. (2-tailed)	,706	,240	.
		N	141	141	141
	distance_RGB	Correlation Coefficient	-,077	,089	-,970**
		Sig. (2-tailed)	,364	,293	,000
		N	141	141	141
	distance_Lab	Correlation Coefficient	-,006	,044	-,790**
		Sig. (2-tailed)	,942	,606	,000
		N	141	141	141

Correlations

			distance_LCh	distance_CMYK	distance_RGB
Spearman's rho	age	Correlation Coefficient	-,095	,032	-,077
		Sig. (2-tailed)	,262	,706	,364
		N	141	141	141
	genderX	Correlation Coefficient	,092	-,100	,089
		Sig. (2-tailed)	,277	,240	,293
		N	141	141	141
	distance_HSV	Correlation Coefficient	-,949**	1,000**	-,970**
		Sig. (2-tailed)	,000	.	,000
		N	141	141	141
	distance_LCh	Correlation Coefficient	1,000	-,949**	,993**
		Sig. (2-tailed)	.	,000	,000
		N	141	141	141
	distance_CMYK	Correlation Coefficient	-,949**	1,000	-,970**
		Sig. (2-tailed)	,000	.	,000
		N	141	141	141
	distance_RGB	Correlation Coefficient	,993**	-,970**	1,000
		Sig. (2-tailed)	,000	,000	.
		N	141	141	141
	distance_Lab	Correlation Coefficient	,838**	-,790**	,832**
		Sig. (2-tailed)	,000	,000	,000
		N	141	141	141

Correlations

			distance_Lab
Spearman's rho	age	Correlation Coefficient	-,006
		Sig. (2-tailed)	,942
		N	141
	genderX	Correlation Coefficient	,044
		Sig. (2-tailed)	,606
		N	141
	distance_HSV	Correlation Coefficient	-,790**
		Sig. (2-tailed)	,000
		N	141
	distance_LCh	Correlation Coefficient	,838**
		Sig. (2-tailed)	,000
		N	141
	distance_CMYK	Correlation Coefficient	-,790**
		Sig. (2-tailed)	,000
		N	141
	distance_RGB	Correlation Coefficient	,832**
		Sig. (2-tailed)	,000
		N	141
	distance_Lab	Correlation Coefficient	1,000
		Sig. (2-tailed)	.
		N	141

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

```
SAVE OUTFILE='/Users/PauloGarcia/Desktop/blendingbox/Analysis/First Study/SPSS
 '+
    'Files/datasets/demo_q21.sav'
  /COMPRESSED.

GET DATA  /TYPE=TXT
  /FILE="/Users/PauloGarcia/Desktop/blendingbox/Analysis/First Study/Results/Q
uestion 22/q22_allDemoResults.csv"
  /ENCODING='UTF8'
  /DELCASE=LINE
  /DELIMITERS=","
  /ARRANGEMENT=DELIMITED
  /FIRSTCASE=2
  /IMPORTCASE=ALL
```

```
  /VARIABLES=
  id A13
  age F2.0
  gender A6
  num_answers F2.0
  in_person A3
  typeOfQuestion A12
  first_color A7
  second_color A7
  third_color A7
  clicks F4.0
  rating F1.0
  C3_name A9
  distance_expectedC3COMMA4.0
  distance_HSV COMMA4.0
  distance_LCh COMMA4.0
  distance_CMYK COMMA4.0
  distance_RGB COMMA4.0
  distance_Lab COMMA4.0.
CACHE.
EXECUTE.
DATASET NAME DataSet24 WINDOW=FRONT.
DATASET ACTIVATE DataSet24.
DATASET CLOSE DataSet23.
AUTORECODE VARIABLES=gender
  /INTO genderX
  /PRINT.
gender into genderX
Old Value  New Value  Value Label

Female             1  Female
Male               2  Male
Other              3  Other


NONPAR CORR
  /VARIABLES=age genderX distance_HSV distance_LCh distance_CMYK distance_RGB
distance_Lab
  /PRINT=SPEARMAN TWOTAIL NOSIG
  /MISSING=PAIRWISE.
```

Nonparametric Correlations

Notes

Output Created		03-OCT-2016 22:01:22
Comments		
Input	Data	/Users/PauloGarcia/Desktop/blendingbox/Analysis/First Study/Results/Question 22/q22_allDemoResults.csv
	Active Dataset	DataSet24
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	147
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		NONPAR CORR /VARIABLES=age genderX distance_HSV distance_LCh distance_CMYK distance_RGB distance_Lab /PRINT=SPEARMAN TWOTAIL NOSIG /MISSING=PAIRWISE.
Resources	Processor Time	00:00:00,01
	Elapsed Time	00:00:00,00
	Number of Cases Allowed	78643 cases[a]

a. Based on availability of workspace memory

Correlations

			age	genderX	distance_HSV
Spearman's rho	age	Correlation Coefficient	1,000	-,032	,034
		Sig. (2-tailed)	.	,704	,682
		N	147	147	147
	genderX	Correlation Coefficient	-,032	1,000	,111
		Sig. (2-tailed)	,704	.	,179
		N	147	147	147
	distance_HSV	Correlation Coefficient	,034	,111	1,000
		Sig. (2-tailed)	,682	,179	.
		N	147	147	147
	distance_LCh	Correlation Coefficient	,024	,106	,989**
		Sig. (2-tailed)	,776	,200	,000
		N	147	147	147
	distance_CMYK	Correlation Coefficient	,012	,090	,972**
		Sig. (2-tailed)	,881	,279	,000
		N	147	147	147
	distance_RGB	Correlation Coefficient	,024	,095	,979**
		Sig. (2-tailed)	,769	,251	,000
		N	147	147	147
	distance_Lab	Correlation Coefficient	,034	,097	,982**
		Sig. (2-tailed)	,682	,241	,000
		N	147	147	147

Correlations

			distance_LCh	distance_CMYK	distance_RGB
Spearman's rho	age	Correlation Coefficient	,024	,012	,024
		Sig. (2-tailed)	,776	,881	,769
		N	147	147	147
	genderX	Correlation Coefficient	,106	,090	,095
		Sig. (2-tailed)	,200	,279	,251
		N	147	147	147
	distance_HSV	Correlation Coefficient	,989**	,972**	,979**
		Sig. (2-tailed)	,000	,000	,000
		N	147	147	147
	distance_LCh	Correlation Coefficient	1,000	,990**	,995**
		Sig. (2-tailed)	.	,000	,000
		N	147	147	147
	distance_CMYK	Correlation Coefficient	,990**	1,000	,990**
		Sig. (2-tailed)	,000	.	,000
		N	147	147	147
	distance_RGB	Correlation Coefficient	,995**	,990**	1,000
		Sig. (2-tailed)	,000	,000	.
		N	147	147	147
	distance_Lab	Correlation Coefficient	,995**	,987**	,999**
		Sig. (2-tailed)	,000	,000	,000
		N	147	147	147

Correlations

			distance_Lab
Spearman's rho	age	Correlation Coefficient	,034
		Sig. (2-tailed)	,682
		N	147
	genderX	Correlation Coefficient	,097
		Sig. (2-tailed)	,241
		N	147
	distance_HSV	Correlation Coefficient	,982**
		Sig. (2-tailed)	,000
		N	147
	distance_LCh	Correlation Coefficient	,995**
		Sig. (2-tailed)	,000
		N	147
	distance_CMYK	Correlation Coefficient	,987**
		Sig. (2-tailed)	,000
		N	147
	distance_RGB	Correlation Coefficient	,999**
		Sig. (2-tailed)	,000
		N	147
	distance_Lab	Correlation Coefficient	1,000
		Sig. (2-tailed)	.
		N	147

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

```
SAVE OUTFILE='/Users/PauloGarcia/Desktop/blendingbox/Analysis/First Study/SPSS
 '+
    'Files/datasets/demo_q22.sav'
  /COMPRESSED.

GET DATA  /TYPE=TXT
  /FILE="/Users/PauloGarcia/Desktop/blendingbox/Analysis/First Study/Results/Q
uestion 23/q23_allDemoResults.csv"
  /ENCODING='UTF8'
  /DELCASE=LINE
  /DELIMITERS=","
  /ARRANGEMENT=DELIMITED
  /FIRSTCASE=2
  /IMPORTCASE=ALL
```

```
  /VARIABLES=
  id A13
  age F2.0
  gender A6
  num_answers F2.0
  in_person A3
  typeOfQuestion A12
  first_color A7
  second_color A7
  third_color A7
  clicks F4.0
  rating F1.0
  C3_name A9
  distance_expectedC3COMMA4.0
  distance_HSV COMMA4.0
  distance_LCh COMMA4.0
  distance_CMYK COMMA4.0
  distance_RGB COMMA4.0
  distance_Lab COMMA4.0.
CACHE.
EXECUTE.
DATASET NAME DataSet25 WINDOW=FRONT.
AUTORECODE VARIABLES=gender
  /INTO genderX
  /PRINT.
gender into genderX
Old Value  New Value  Value Label

Female             1  Female
Male               2  Male
Other              3  Other


NONPAR CORR
  /VARIABLES=age genderX distance_HSV distance_LCh distance_CMYK distance_RGB
distance_Lab
  /PRINT=SPEARMAN TWOTAIL NOSIG
  /MISSING=PAIRWISE.
```

Nonparametric Correlations

Notes

Output Created		03-OCT-2016 22:02:55
Comments		
Input	Data	/Users/PauloGarcia/Desktop/blendingbox/Analysis/First Study/Results/Question 23/q23_allDemoResults.csv
	Active Dataset	DataSet25
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	140
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		NONPAR CORR /VARIABLES=age genderX distance_HSV distance_LCh distance_CMYK distance_RGB distance_Lab /PRINT=SPEARMAN TWOTAIL NOSIG /MISSING=PAIRWISE.
Resources	Processor Time	00:00:00,01
	Elapsed Time	00:00:00,00
	Number of Cases Allowed	78643 cases[a]

a. Based on availability of workspace memory

[DataSet25]

Correlations

			age	genderX	distance_HSV
Spearman's rho	age	Correlation Coefficient	1,000	-,067	,124
		Sig. (2-tailed)	.	,434	,144
		N	140	140	140
	genderX	Correlation Coefficient	-,067	1,000	,191*
		Sig. (2-tailed)	,434	.	,024
		N	140	140	140
	distance_HSV	Correlation Coefficient	,124	,191*	1,000
		Sig. (2-tailed)	,144	,024	.
		N	140	140	140
	distance_LCh	Correlation Coefficient	,116	,141	,600**
		Sig. (2-tailed)	,173	,097	,000
		N	140	140	140
	distance_CMYK	Correlation Coefficient	,114	,184*	,948**
		Sig. (2-tailed)	,180	,029	,000
		N	140	140	140
	distance_RGB	Correlation Coefficient	,132	,191*	,995**
		Sig. (2-tailed)	,120	,024	,000
		N	140	140	140
	distance_Lab	Correlation Coefficient	,138	,090	,254**
		Sig. (2-tailed)	,105	,291	,002
		N	140	140	140

Correlations

			distance_LCh	distance_CMYK	distance_RGB
Spearman's rho	age	Correlation Coefficient	,116	,114	,132
		Sig. (2-tailed)	,173	,180	,120
		N	140	140	140
	genderX	Correlation Coefficient	,141	,184*	,191*
		Sig. (2-tailed)	,097	,029	,024
		N	140	140	140
	distance_HSV	Correlation Coefficient	,600**	,948**	,995**
		Sig. (2-tailed)	,000	,000	,000
		N	140	140	140
	distance_LCh	Correlation Coefficient	1,000	,801**	,596**
		Sig. (2-tailed)	.	,000	,000
		N	140	140	140
	distance_CMYK	Correlation Coefficient	,801**	1,000	,943**
		Sig. (2-tailed)	,000	.	,000
		N	140	140	140
	distance_RGB	Correlation Coefficient	,596**	,943**	1,000
		Sig. (2-tailed)	,000	,000	.
		N	140	140	140
	distance_Lab	Correlation Coefficient	,834**	,427**	,250**
		Sig. (2-tailed)	,000	,000	,003
		N	140	140	140

Correlations

			distance_Lab
Spearman's rho	age	Correlation Coefficient	,138
		Sig. (2-tailed)	,105
		N	140
	genderX	Correlation Coefficient	,090
		Sig. (2-tailed)	,291
		N	140
	distance_HSV	Correlation Coefficient	,254**
		Sig. (2-tailed)	,002
		N	140
	distance_LCh	Correlation Coefficient	,834**
		Sig. (2-tailed)	,000
		N	140
	distance_CMYK	Correlation Coefficient	,427**
		Sig. (2-tailed)	,000
		N	140
	distance_RGB	Correlation Coefficient	,250**
		Sig. (2-tailed)	,003
		N	140
	distance_Lab	Correlation Coefficient	1,000
		Sig. (2-tailed)	.
		N	140

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

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

```
SAVE OUTFILE='/Users/PauloGarcia/Desktop/blendingbox/Analysis/First Study/SPSS
 '+
    'Files/datasets/demo_q23.sav'
  /COMPRESSED.
DATASET ACTIVATE DataSet24.
DATASET CLOSE DataSet25.

GET DATA  /TYPE=TXT
  /FILE="/Users/PauloGarcia/Desktop/blendingbox/Analysis/First Study/Results/Q
uestion 24/q24_allDemoResults.csv"
  /ENCODING='UTF8'
  /DELCASE=LINE
  /DELIMITERS=","
```

```
  /ARRANGEMENT=DELIMITED
  /FIRSTCASE=2
  /IMPORTCASE=ALL
  /VARIABLES=
  id A13
  age F2.0
  gender A6
  num_answers F2.0
  in_person A3
  typeOfQuestion A12
  first_color A7
  second_color A7
  third_color A7
  clicks F4.0
  rating F1.0
  C3_name A9
  distance_expectedC3COMMA4.0
  distance_HSV COMMA4.0
  distance_LCh COMMA4.0
  distance_CMYK COMMA4.0
  distance_RGB COMMA4.0
  distance_Lab COMMA4.0.
CACHE.
EXECUTE.
DATASET NAME DataSet26 WINDOW=FRONT.
AUTORECODE VARIABLES=gender
  /INTO genderX
  /PRINT.
gender into genderX
Old Value  New Value  Value Label

Female             1  Female
Male               2  Male
Other              3  Other


NONPAR CORR
  /VARIABLES=age genderX distance_HSV distance_LCh distance_CMYK distance_RGB
distance_Lab
  /PRINT=SPEARMAN TWOTAIL NOSIG
  /MISSING=PAIRWISE.
```

Nonparametric Correlations

Notes

Output Created		03-OCT-2016 22:05:39
Comments		
Input	Data	/Users/PauloGarcia/Desktop/blendingbox/Analysis/First Study/Results/Question 24/q24_allDemoResults.csv
	Active Dataset	DataSet26
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	140
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		NONPAR CORR /VARIABLES=age genderX distance_HSV distance_LCh distance_CMYK distance_RGB distance_Lab /PRINT=SPEARMAN TWOTAIL NOSIG /MISSING=PAIRWISE.
Resources	Processor Time	00:00:00,01
	Elapsed Time	00:00:00,00
	Number of Cases Allowed	78643 cases[a]

a. Based on availability of workspace memory

[DataSet26]

Correlations

			age	genderX	distance_HSV
Spearman's rho	age	Correlation Coefficient	1,000	-,115	-,092
		Sig. (2-tailed)	.	,175	,280
		N	140	140	140
	genderX	Correlation Coefficient	-,115	1,000	,009
		Sig. (2-tailed)	,175	.	,913
		N	140	140	140
	distance_HSV	Correlation Coefficient	-,092	,009	1,000
		Sig. (2-tailed)	,280	,913	.
		N	140	140	140
	distance_LCh	Correlation Coefficient	-,048	,057	,677**
		Sig. (2-tailed)	,571	,506	,000
		N	140	140	140
	distance_CMYK	Correlation Coefficient	-,012	,080	,241**
		Sig. (2-tailed)	,884	,346	,004
		N	140	140	140
	distance_RGB	Correlation Coefficient	-,106	,034	,986**
		Sig. (2-tailed)	,212	,692	,000
		N	140	140	140
	distance_Lab	Correlation Coefficient	-,032	,065	,281**
		Sig. (2-tailed)	,710	,449	,001
		N	140	140	140

Correlations

			distance_LCh	distance_CMYK	distance_RGB
Spearman's rho	age	Correlation Coefficient	-,048	-,012	-,106
		Sig. (2-tailed)	,571	,884	,212
		N	140	140	140
	genderX	Correlation Coefficient	,057	,080	,034
		Sig. (2-tailed)	,506	,346	,692
		N	140	140	140
	distance_HSV	Correlation Coefficient	,677**	,241**	,986**
		Sig. (2-tailed)	,000	,004	,000
		N	140	140	140
	distance_LCh	Correlation Coefficient	1,000	,607**	,709**
		Sig. (2-tailed)	.	,000	,000
		N	140	140	140
	distance_CMYK	Correlation Coefficient	,607**	1,000	,273**
		Sig. (2-tailed)	,000	.	,001
		N	140	140	140
	distance_RGB	Correlation Coefficient	,709**	,273**	1,000
		Sig. (2-tailed)	,000	,001	.
		N	140	140	140
	distance_Lab	Correlation Coefficient	,581**	,984**	,314**
		Sig. (2-tailed)	,000	,000	,000
		N	140	140	140

Correlations

			distance_Lab
Spearman's rho	age	Correlation Coefficient	-,032
		Sig. (2-tailed)	,710
		N	140
	genderX	Correlation Coefficient	,065
		Sig. (2-tailed)	,449
		N	140
	distance_HSV	Correlation Coefficient	,281**
		Sig. (2-tailed)	,001
		N	140
	distance_LCh	Correlation Coefficient	,581**
		Sig. (2-tailed)	,000
		N	140
	distance_CMYK	Correlation Coefficient	,984**
		Sig. (2-tailed)	,000
		N	140
	distance_RGB	Correlation Coefficient	,314**
		Sig. (2-tailed)	,000
		N	140
	distance_Lab	Correlation Coefficient	1,000
		Sig. (2-tailed)	.
		N	140

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

```
SAVE OUTFILE='/Users/PauloGarcia/Desktop/blendingbox/Analysis/First Study/SPSS
 '+
    'Files/datasets/demo_q24.sav'
  /COMPRESSED.
DATASET CLOSE DataSet24.

GET DATA  /TYPE=TXT
  /FILE="/Users/PauloGarcia/Desktop/blendingbox/Analysis/First Study/Results/Q
uestion 25/q25_allDemoResults.csv"
  /ENCODING='UTF8'
  /DELCASE=LINE
  /DELIMITERS=","
  /ARRANGEMENT=DELIMITED
  /FIRSTCASE=2
```

```
  /IMPORTCASE=ALL
  /VARIABLES=
  id A13
  age F2.0
  gender A6
  num_answers F2.0
  in_person A3
  typeOfQuestion A12
  first_color A7
  second_color A7
  third_color A7
  clicks F4.0
  rating F1.0
  C3_name A9
  distance_expectedC3COMMA4.0
  distance_HSV COMMA4.0
  distance_LCh COMMA4.0
  distance_CMYK COMMA4.0
  distance_RGB COMMA4.0
  distance_Lab COMMA4.0.
CACHE.
EXECUTE.
DATASET NAME DataSet27 WINDOW=FRONT.
DATASET CLOSE DataSet26.
AUTORECODE VARIABLES=gender
  /INTO genderX
  /PRINT.
gender into genderX
Old Value  New Value  Value Label

Female             1  Female
Male               2  Male
Other              3  Other


NONPAR CORR
  /VARIABLES=age genderX distance_HSV distance_LCh distance_CMYK distance_RGB
distance_Lab
  /PRINT=SPEARMAN TWOTAIL NOSIG
  /MISSING=PAIRWISE.
```

Nonparametric Correlations

Notes

Output Created		03-OCT-2016 22:07:29
Comments		
Input	Data	/Users/PauloGarcia/Desktop/blendingbox/Analysis/First Study/Results/Question 25/q25_allDemoResults.csv
	Active Dataset	DataSet27
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	143
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		NONPAR CORR /VARIABLES=age genderX distance_HSV distance_LCh distance_CMYK distance_RGB distance_Lab /PRINT=SPEARMAN TWOTAIL NOSIG /MISSING=PAIRWISE.
Resources	Processor Time	00:00:00,01
	Elapsed Time	00:00:00,00
	Number of Cases Allowed	78643 cases[a]

a. Based on availability of workspace memory

Correlations

			age	genderX	distance_HSV
Spearman's rho	age	Correlation Coefficient	1,000	-,095	,107
		Sig. (2-tailed)	.	,258	,203
		N	143	143	143
	genderX	Correlation Coefficient	-,095	1,000	,075
		Sig. (2-tailed)	,258	.	,374
		N	143	143	143
	distance_HSV	Correlation Coefficient	,107	,075	1,000
		Sig. (2-tailed)	,203	,374	.
		N	143	143	143
	distance_LCh	Correlation Coefficient	,108	,066	,995**
		Sig. (2-tailed)	,200	,435	,000
		N	143	143	143
	distance_CMYK	Correlation Coefficient	,136	,054	,725**
		Sig. (2-tailed)	,106	,524	,000
		N	143	143	143
	distance_RGB	Correlation Coefficient	,127	,080	,941**
		Sig. (2-tailed)	,132	,344	,000
		N	143	143	143
	distance_Lab	Correlation Coefficient	,178*	,133	,352**
		Sig. (2-tailed)	,034	,114	,000
		N	143	143	143

Correlations

			distance_LCh	distance_CMYK	distance_RGB
Spearman's rho	age	Correlation Coefficient	,108	,136	,127
		Sig. (2-tailed)	,200	,106	,132
		N	143	143	143
	genderX	Correlation Coefficient	,066	,054	,080
		Sig. (2-tailed)	,435	,524	,344
		N	143	143	143
	distance_HSV	Correlation Coefficient	,995**	,725**	,941**
		Sig. (2-tailed)	,000	,000	,000
		N	143	143	143
	distance_LCh	Correlation Coefficient	1,000	,752**	,938**
		Sig. (2-tailed)	.	,000	,000
		N	143	143	143
	distance_CMYK	Correlation Coefficient	,752**	1,000	,772**
		Sig. (2-tailed)	,000	.	,000
		N	143	143	143
	distance_RGB	Correlation Coefficient	,938**	,772**	1,000
		Sig. (2-tailed)	,000	,000	.
		N	143	143	143
	distance_Lab	Correlation Coefficient	,345**	,553**	,535**
		Sig. (2-tailed)	,000	,000	,000
		N	143	143	143

Correlations

			distance_Lab
Spearman's rho	age	Correlation Coefficient	,178*
		Sig. (2-tailed)	,034
		N	143
	genderX	Correlation Coefficient	,133
		Sig. (2-tailed)	,114
		N	143
	distance_HSV	Correlation Coefficient	,352**
		Sig. (2-tailed)	,000
		N	143
	distance_LCh	Correlation Coefficient	,345**
		Sig. (2-tailed)	,000
		N	143
	distance_CMYK	Correlation Coefficient	,553**
		Sig. (2-tailed)	,000
		N	143
	distance_RGB	Correlation Coefficient	,535**
		Sig. (2-tailed)	,000
		N	143
	distance_Lab	Correlation Coefficient	1,000
		Sig. (2-tailed)	.
		N	143

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

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

```
SAVE OUTFILE='/Users/PauloGarcia/Desktop/blendingbox/Analysis/First Study/SPSS
 '+
    'Files/datasets/demo_q25.sav'
  /COMPRESSED.

GET DATA  /TYPE=TXT
  /FILE="/Users/PauloGarcia/Desktop/blendingbox/Analysis/First Study/Results/Q
uestion 26/q26_allDemoResults.csv"
  /ENCODING='UTF8'
  /DELCASE=LINE
  /DELIMITERS=","
  /ARRANGEMENT=DELIMITED
  /FIRSTCASE=2
```

```
  /IMPORTCASE=ALL
  /VARIABLES=
  id A13
  age F2.0
  gender A6
  num_answers F2.0
  in_person A3
  typeOfQuestion A12
  first_color A7
  second_color A7
  third_color A7
  clicks F4.0
  rating F1.0
  C3_name A9
  distance_expectedC3COMMA4.0
  distance_HSV COMMA4.0
  distance_LCh COMMA4.0
  distance_CMYK COMMA4.0
  distance_RGB COMMA4.0
  distance_Lab COMMA4.0.
CACHE.
EXECUTE.
DATASET NAME DataSet28 WINDOW=FRONT.
DATASET ACTIVATE DataSet28.
DATASET CLOSE DataSet27.
AUTORECODE VARIABLES=gender
  /INTO genderX
  /PRINT.
gender into genderX
Old Value  New Value  Value Label

Female             1  Female
Male               2  Male
Other              3  Other


NONPAR CORR
  /VARIABLES=age genderX distance_HSV distance_LCh distance_CMYK distance_RGB
distance_Lab
  /PRINT=SPEARMAN TWOTAIL NOSIG
  /MISSING=PAIRWISE.
```

Nonparametric Correlations

Notes

Output Created		03-OCT-2016 22:09:29
Comments		
Input	Data	/Users/PauloGarcia/Desktop/blendingbox/Analysis/First Study/Results/Question 26/q26_allDemoResults.csv
	Active Dataset	DataSet28
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	141
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		NONPAR CORR /VARIABLES=age genderX distance_HSV distance_LCh distance_CMYK distance_RGB distance_Lab /PRINT=SPEARMAN TWOTAIL NOSIG /MISSING=PAIRWISE.
Resources	Processor Time	00:00:00,01
	Elapsed Time	00:00:00,00
	Number of Cases Allowed	78643 cases[a]

a. Based on availability of workspace memory

Correlations

			age	genderX	distance_HSV
Spearman's rho	age	Correlation Coefficient	1,000	-,057	,035
		Sig. (2-tailed)	.	,505	,682
		N	141	141	141
	genderX	Correlation Coefficient	-,057	1,000	-,014
		Sig. (2-tailed)	,505	.	,866
		N	141	141	141
	distance_HSV	Correlation Coefficient	,035	-,014	1,000
		Sig. (2-tailed)	,682	,866	.
		N	141	141	141
	distance_LCh	Correlation Coefficient	,017	-,021	,869**
		Sig. (2-tailed)	,845	,806	,000
		N	141	141	141
	distance_CMYK	Correlation Coefficient	-,089	,014	,284**
		Sig. (2-tailed)	,292	,870	,001
		N	141	141	141
	distance_RGB	Correlation Coefficient	,046	-,011	,978**
		Sig. (2-tailed)	,590	,892	,000
		N	141	141	141
	distance_Lab	Correlation Coefficient	,033	-,009	,992**
		Sig. (2-tailed)	,696	,918	,000
		N	141	141	141

Correlations

			distance_LCh	distance_CMYK	distance_RGB
Spearman's rho	age	Correlation Coefficient	,017	-,089	,046
		Sig. (2-tailed)	,845	,292	,590
		N	141	141	141
	genderX	Correlation Coefficient	-,021	,014	-,011
		Sig. (2-tailed)	,806	,870	,892
		N	141	141	141
	distance_HSV	Correlation Coefficient	,869**	,284**	,978**
		Sig. (2-tailed)	,000	,001	,000
		N	141	141	141
	distance_LCh	Correlation Coefficient	1,000	,602**	,810**
		Sig. (2-tailed)	.	,000	,000
		N	141	141	141
	distance_CMYK	Correlation Coefficient	,602**	1,000	,164
		Sig. (2-tailed)	,000	.	,051
		N	141	141	141
	distance_RGB	Correlation Coefficient	,810**	,164	1,000
		Sig. (2-tailed)	,000	,051	.
		N	141	141	141
	distance_Lab	Correlation Coefficient	,892**	,297**	,971**
		Sig. (2-tailed)	,000	,000	,000
		N	141	141	141

Correlations

			distance_Lab
Spearman's rho	age	Correlation Coefficient	,033
		Sig. (2-tailed)	,696
		N	141
	genderX	Correlation Coefficient	-,009
		Sig. (2-tailed)	,918
		N	141
	distance_HSV	Correlation Coefficient	,992**
		Sig. (2-tailed)	,000
		N	141
	distance_LCh	Correlation Coefficient	,892**
		Sig. (2-tailed)	,000
		N	141
	distance_CMYK	Correlation Coefficient	,297**
		Sig. (2-tailed)	,000
		N	141
	distance_RGB	Correlation Coefficient	,971**
		Sig. (2-tailed)	,000
		N	141
	distance_Lab	Correlation Coefficient	1,000
		Sig. (2-tailed)	.
		N	141

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

```
SAVE OUTFILE='/Users/PauloGarcia/Desktop/blendingbox/Analysis/First Study/SPSS
 '+
    'Files/datasets/demo_q26.sav'
  /COMPRESSED.

GET DATA  /TYPE=TXT
  /FILE="/Users/PauloGarcia/Desktop/blendingbox/Analysis/First Study/Results/Q
uestion 27/q27_allDemoResults.csv"
  /ENCODING='UTF8'
  /DELCASE=LINE
  /DELIMITERS=","
  /ARRANGEMENT=DELIMITED
  /FIRSTCASE=2
  /IMPORTCASE=ALL
```

```
  /VARIABLES=
  id A13
  age F2.0
  gender A6
  num_answers F2.0
  in_person A3
  typeOfQuestion A12
  first_color A7
  second_color A7
  third_color A7
  clicks F4.0
  rating F1.0
  C3_name A9
  distance_expectedC3COMMA4.0
  distance_HSV COMMA4.0
  distance_LCh COMMA4.0
  distance_CMYK COMMA4.0
  distance_RGB COMMA4.0
  distance_Lab COMMA4.0.
CACHE.
EXECUTE.
DATASET NAME DataSet29 WINDOW=FRONT.
AUTORECODE VARIABLES=gender
  /INTO genderX
  /PRINT.
gender into genderX
Old Value  New Value  Value Label

Female             1  Female
Male               2  Male
Other              3  Other


NONPAR CORR
  /VARIABLES=age genderX distance_HSV distance_LCh distance_CMYK distance_RGB
distance_Lab
  /PRINT=SPEARMAN TWOTAIL NOSIG
  /MISSING=PAIRWISE.
```

Nonparametric Correlations

Notes

Output Created		03-OCT-2016 22:11:24
Comments		
Input	Data	/Users/PauloGarcia/Desktop/blendingbox/Analysis/First Study/Results/Question 27/q27_allDemoResults.csv
	Active Dataset	DataSet29
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	155
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		NONPAR CORR /VARIABLES=age genderX distance_HSV distance_LCh distance_CMYK distance_RGB distance_Lab /PRINT=SPEARMAN TWOTAIL NOSIG /MISSING=PAIRWISE.
Resources	Processor Time	00:00:00,01
	Elapsed Time	00:00:00,00
	Number of Cases Allowed	78643 cases[a]

a. Based on availability of workspace memory

[DataSet29]

Correlations

			age	genderX	distance_HSV
Spearman's rho	age	Correlation Coefficient	1,000	-,103	,108
		Sig. (2-tailed)	.	,203	,182
		N	155	155	155
	genderX	Correlation Coefficient	-,103	1,000	,017
		Sig. (2-tailed)	,203	.	,837
		N	155	155	155
	distance_HSV	Correlation Coefficient	,108	,017	1,000
		Sig. (2-tailed)	,182	,837	.
		N	155	155	155
	distance_LCh	Correlation Coefficient	-,151	,011	-,871**
		Sig. (2-tailed)	,061	,889	,000
		N	155	155	155
	distance_CMYK	Correlation Coefficient	,108	,017	1,000**
		Sig. (2-tailed)	,182	,837	.
		N	155	155	155
	distance_RGB	Correlation Coefficient	,106	,012	,995**
		Sig. (2-tailed)	,189	,882	,000
		N	155	155	155
	distance_Lab	Correlation Coefficient	,071	,019	,294**
		Sig. (2-tailed)	,383	,818	,000
		N	155	155	155

Correlations

			distance_LCh	distance_CMYK	distance_RGB
Spearman's rho	age	Correlation Coefficient	-,151	,108	,106
		Sig. (2-tailed)	,061	,182	,189
		N	155	155	155
	genderX	Correlation Coefficient	,011	,017	,012
		Sig. (2-tailed)	,889	,837	,882
		N	155	155	155
	distance_HSV	Correlation Coefficient	-,871**	1,000**	,995**
		Sig. (2-tailed)	,000	.	,000
		N	155	155	155
	distance_LCh	Correlation Coefficient	1,000	-,871**	-,852**
		Sig. (2-tailed)	.	,000	,000
		N	155	155	155
	distance_CMYK	Correlation Coefficient	-,871**	1,000	,995**
		Sig. (2-tailed)	,000	.	,000
		N	155	155	155
	distance_RGB	Correlation Coefficient	-,852**	,995**	1,000
		Sig. (2-tailed)	,000	,000	.
		N	155	155	155
	distance_Lab	Correlation Coefficient	-,195*	,294**	,295**
		Sig. (2-tailed)	,015	,000	,000
		N	155	155	155

Correlations

			distance_Lab
Spearman's rho	age	Correlation Coefficient	,071
		Sig. (2-tailed)	,383
		N	155
	genderX	Correlation Coefficient	,019
		Sig. (2-tailed)	,818
		N	155
	distance_HSV	Correlation Coefficient	,294**
		Sig. (2-tailed)	,000
		N	155
	distance_LCh	Correlation Coefficient	-,195*
		Sig. (2-tailed)	,015
		N	155
	distance_CMYK	Correlation Coefficient	,294**
		Sig. (2-tailed)	,000
		N	155
	distance_RGB	Correlation Coefficient	,295**
		Sig. (2-tailed)	,000
		N	155
	distance_Lab	Correlation Coefficient	1,000
		Sig. (2-tailed)	.
		N	155

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

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

```
SAVE OUTFILE='/Users/PauloGarcia/Desktop/blendingbox/Analysis/First Study/SPSS
 '+
    'Files/datasets/demo_q27.sav'
  /COMPRESSED.
DATASET CLOSE DataSet28.

GET DATA  /TYPE=TXT
  /FILE="/Users/PauloGarcia/Desktop/blendingbox/Analysis/First Study/Results/Q
uestion 28/q28_allDemoResults.csv"
  /ENCODING='UTF8'
  /DELCASE=LINE
  /DELIMITERS=","
  /ARRANGEMENT=DELIMITED
```

```
  /FIRSTCASE=2
  /IMPORTCASE=ALL
  /VARIABLES=
  id A13
  age F2.0
  gender A6
  num_answers F2.0
  in_person A3
  typeOfQuestion A12
  first_color A7
  second_color A7
  third_color A7
  clicks F4.0
  rating F1.0
  C3_name A9
  distance_expectedC3COMMA4.0
  distance_HSV COMMA4.0
  distance_LCh COMMA4.0
  distance_CMYK COMMA4.0
  distance_RGB COMMA4.0
  distance_Lab COMMA4.0.
CACHE.
EXECUTE.
DATASET NAME DataSet30 WINDOW=FRONT.
DATASET ACTIVATE DataSet30.
DATASET CLOSE DataSet29.
AUTORECODE VARIABLES=gender
  /INTO genderX
  /PRINT.
gender into genderX
Old Value  New Value  Value Label

Female             1  Female
Male               2  Male
Other              3  Other


NONPAR CORR
  /VARIABLES=age genderX distance_HSV distance_LCh distance_CMYK distance_RGB
distance_Lab
  /PRINT=SPEARMAN TWOTAIL NOSIG
  /MISSING=PAIRWISE.
```

Nonparametric Correlations

Notes

Output Created		03-OCT-2016 22:12:51
Comments		
Input	Data	/Users/PauloGarcia/Desktop/blendingbox/Analysis/First Study/Results/Question 28/q28_allDemoResults.csv
	Active Dataset	DataSet30
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	147
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		NONPAR CORR /VARIABLES=age genderX distance_HSV distance_LCh distance_CMYK distance_RGB distance_Lab /PRINT=SPEARMAN TWOTAIL NOSIG /MISSING=PAIRWISE.
Resources	Processor Time	00:00:00,01
	Elapsed Time	00:00:00,00
	Number of Cases Allowed	78643 cases[a]

a. Based on availability of workspace memory

Correlations

			age	genderX	distance_HSV
Spearman's rho	age	Correlation Coefficient	1,000	-,098	-,007
		Sig. (2-tailed)	.	,237	,928
		N	147	147	147
	genderX	Correlation Coefficient	-,098	1,000	,120
		Sig. (2-tailed)	,237	.	,149
		N	147	147	147
	distance_HSV	Correlation Coefficient	-,007	,120	1,000
		Sig. (2-tailed)	,928	,149	.
		N	147	147	147
	distance_LCh	Correlation Coefficient	,007	,130	,960**
		Sig. (2-tailed)	,936	,116	,000
		N	147	147	147
	distance_CMYK	Correlation Coefficient	,012	,134	,942**
		Sig. (2-tailed)	,890	,105	,000
		N	147	147	147
	distance_RGB	Correlation Coefficient	-,008	,126	,986**
		Sig. (2-tailed)	,920	,128	,000
		N	147	147	147
	distance_Lab	Correlation Coefficient	,005	,132	,961**
		Sig. (2-tailed)	,956	,111	,000
		N	147	147	147

Correlations

			distance_LCh	distance_CMYK	distance_RGB
Spearman's rho	age	Correlation Coefficient	,007	,012	-,008
		Sig. (2-tailed)	,936	,890	,920
		N	147	147	147
	genderX	Correlation Coefficient	,130	,134	,126
		Sig. (2-tailed)	,116	,105	,128
		N	147	147	147
	distance_HSV	Correlation Coefficient	,960**	,942**	,986**
		Sig. (2-tailed)	,000	,000	,000
		N	147	147	147
	distance_LCh	Correlation Coefficient	1,000	,996**	,990**
		Sig. (2-tailed)	.	,000	,000
		N	147	147	147
	distance_CMYK	Correlation Coefficient	,996**	1,000	,976**
		Sig. (2-tailed)	,000	.	,000
		N	147	147	147
	distance_RGB	Correlation Coefficient	,990**	,976**	1,000
		Sig. (2-tailed)	,000	,000	.
		N	147	147	147
	distance_Lab	Correlation Coefficient	1,000**	,995**	,990**
		Sig. (2-tailed)	,000	,000	,000
		N	147	147	147

Correlations

			distance_Lab
Spearman's rho	age	Correlation Coefficient	,005
		Sig. (2-tailed)	,956
		N	147
	genderX	Correlation Coefficient	,132
		Sig. (2-tailed)	,111
		N	147
	distance_HSV	Correlation Coefficient	,961**
		Sig. (2-tailed)	,000
		N	147
	distance_LCh	Correlation Coefficient	1,000**
		Sig. (2-tailed)	,000
		N	147
	distance_CMYK	Correlation Coefficient	,995**
		Sig. (2-tailed)	,000
		N	147
	distance_RGB	Correlation Coefficient	,990**
		Sig. (2-tailed)	,000
		N	147
	distance_Lab	Correlation Coefficient	1,000
		Sig. (2-tailed)	.
		N	147

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

```
SAVE OUTFILE='/Users/PauloGarcia/Desktop/blendingbox/Analysis/First Study/SPSS
 '+
    'Files/datasets/demo_q28.sav'
  /COMPRESSED.

GET DATA  /TYPE=TXT
  /FILE="/Users/PauloGarcia/Desktop/blendingbox/Analysis/First Study/Results/Q
uestion 29/q29_allDemoResults.csv"
  /ENCODING='UTF8'
  /DELCASE=LINE
  /DELIMITERS=","
  /ARRANGEMENT=DELIMITED
  /FIRSTCASE=2
  /IMPORTCASE=ALL
```

```
  /VARIABLES=
  id A13
  age F2.0
  gender A6
  num_answers F2.0
  in_person A3
  typeOfQuestion A12
  first_color A7
  second_color A7
  third_color A7
  clicks F4.0
  rating F1.0
  C3_name A9
  distance_expectedC3COMMA4.0
  distance_HSV COMMA4.0
  distance_LCh COMMA4.0
  distance_CMYK COMMA4.0
  distance_RGB COMMA4.0
  distance_Lab COMMA4.0.
CACHE.
EXECUTE.
DATASET NAME DataSet31 WINDOW=FRONT.
DATASET CLOSE DataSet30.
AUTORECODE VARIABLES=gender
  /INTO genderX
  /PRINT.
gender into genderX
Old Value  New Value  Value Label

Female             1  Female
Male               2  Male
Other              3  Other


NONPAR CORR
  /VARIABLES=age genderX distance_HSV distance_LCh distance_CMYK distance_RGB
distance_Lab
  /PRINT=SPEARMAN TWOTAIL NOSIG
  /MISSING=PAIRWISE.
```

Nonparametric Correlations

Notes

Output Created		03-OCT-2016 22:15:06
Comments		
Input	Data	/Users/PauloGarcia/Desktop/blendingbox/Analysis/First Study/Results/Question 29/q29_allDemoResults.csv
	Active Dataset	DataSet31
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	138
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		NONPAR CORR /VARIABLES=age genderX distance_HSV distance_LCh distance_CMYK distance_RGB distance_Lab /PRINT=SPEARMAN TWOTAIL NOSIG /MISSING=PAIRWISE.
Resources	Processor Time	00:00:00,01
	Elapsed Time	00:00:00,00
	Number of Cases Allowed	78643 cases[a]

a. Based on availability of workspace memory

Correlations

			age	genderX	distance_HSV
Spearman's rho	age	Correlation Coefficient	1,000	-,061	,077
		Sig. (2-tailed)	.	,476	,372
		N	138	138	138
	genderX	Correlation Coefficient	-,061	1,000	,058
		Sig. (2-tailed)	,476	.	,501
		N	138	138	138
	distance_HSV	Correlation Coefficient	,077	,058	1,000
		Sig. (2-tailed)	,372	,501	.
		N	138	138	138
	distance_LCh	Correlation Coefficient	,099	,013	,913**
		Sig. (2-tailed)	,250	,880	,000
		N	138	138	138
	distance_CMYK	Correlation Coefficient	,081	,025	,987**
		Sig. (2-tailed)	,346	,770	,000
		N	138	138	138
	distance_RGB	Correlation Coefficient	,077	,058	1,000**
		Sig. (2-tailed)	,372	,501	.
		N	138	138	138
	distance_Lab	Correlation Coefficient	,047	,049	,971**
		Sig. (2-tailed)	,586	,565	,000
		N	138	138	138

Correlations

			distance_LCh	distance_CMYK	distance_RGB
Spearman's rho	age	Correlation Coefficient	,099	,081	,077
		Sig. (2-tailed)	,250	,346	,372
		N	138	138	138
	genderX	Correlation Coefficient	,013	,025	,058
		Sig. (2-tailed)	,880	,770	,501
		N	138	138	138
	distance_HSV	Correlation Coefficient	,913**	,987**	1,000**
		Sig. (2-tailed)	,000	,000	.
		N	138	138	138
	distance_LCh	Correlation Coefficient	1,000	,950**	,913**
		Sig. (2-tailed)	.	,000	,000
		N	138	138	138
	distance_CMYK	Correlation Coefficient	,950**	1,000	,987**
		Sig. (2-tailed)	,000	.	,000
		N	138	138	138
	distance_RGB	Correlation Coefficient	,913**	,987**	1,000
		Sig. (2-tailed)	,000	,000	.
		N	138	138	138
	distance_Lab	Correlation Coefficient	,937**	,974**	,971**
		Sig. (2-tailed)	,000	,000	,000
		N	138	138	138

Correlations

			distance_Lab
Spearman's rho	age	Correlation Coefficient	,047
		Sig. (2-tailed)	,586
		N	138
	genderX	Correlation Coefficient	,049
		Sig. (2-tailed)	,565
		N	138
	distance_HSV	Correlation Coefficient	,971**
		Sig. (2-tailed)	,000
		N	138
	distance_LCh	Correlation Coefficient	,937**
		Sig. (2-tailed)	,000
		N	138
	distance_CMYK	Correlation Coefficient	,974**
		Sig. (2-tailed)	,000
		N	138
	distance_RGB	Correlation Coefficient	,971**
		Sig. (2-tailed)	,000
		N	138
	distance_Lab	Correlation Coefficient	1,000
		Sig. (2-tailed)	.
		N	138

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

```
SAVE OUTFILE='/Users/PauloGarcia/Desktop/blendingbox/Analysis/First Study/SPSS
 '+
    'Files/datasets/demo_q29.sav'
  /COMPRESSED.

GET DATA  /TYPE=TXT
  /FILE="/Users/PauloGarcia/Desktop/blendingbox/Analysis/First Study/Results/Q
uestion 30/q30_allDemoResults.csv"
  /ENCODING='UTF8'
  /DELCASE=LINE
  /DELIMITERS=","
  /ARRANGEMENT=DELIMITED
  /FIRSTCASE=2
  /IMPORTCASE=ALL
```

```
  /VARIABLES=
  id A13
  age F2.0
  gender A6
  num_answers F2.0
  in_person A3
  typeOfQuestion A12
  first_color A7
  second_color A7
  third_color A7
  clicks F4.0
  rating F1.0
  C3_name A9
  distance_expectedC3COMMA4.0
  distance_HSV COMMA4.0
  distance_LCh COMMA4.0
  distance_CMYK COMMA4.0
  distance_RGB COMMA4.0
  distance_Lab COMMA4.0.
CACHE.
EXECUTE.
DATASET NAME DataSet32 WINDOW=FRONT.
AUTORECODE VARIABLES=gender
  /INTO genderX
  /PRINT.
gender into genderX
Old Value  New Value  Value Label

Female             1  Female
Male               2  Male
Other              3  Other


NONPAR CORR
  /VARIABLES=age genderX distance_HSV distance_LCh distance_CMYK distance_RGB
distance_Lab
  /PRINT=SPEARMAN TWOTAIL NOSIG
  /MISSING=PAIRWISE.
```

Nonparametric Correlations

Notes

Output Created		03-OCT-2016 22:17:30
Comments		
Input	Data	/Users/PauloGarcia/Desktop/blendingbox/Analysis/First Study/Results/Question 30/q30_allDemoResults.csv
	Active Dataset	DataSet32
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	136
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		NONPAR CORR /VARIABLES=age genderX distance_HSV distance_LCh distance_CMYK distance_RGB distance_Lab /PRINT=SPEARMAN TWOTAIL NOSIG /MISSING=PAIRWISE.
Resources	Processor Time	00:00:00,01
	Elapsed Time	00:00:00,00
	Number of Cases Allowed	78643 cases[a]

a. Based on availability of workspace memory

[DataSet32]

Correlations

			age	genderX	distance_HSV
Spearman's rho	age	Correlation Coefficient	1,000	-,062	-,129
		Sig. (2-tailed)	.	,474	,134
		N	136	136	136
	genderX	Correlation Coefficient	-,062	1,000	,067
		Sig. (2-tailed)	,474	.	,441
		N	136	136	136
	distance_HSV	Correlation Coefficient	-,129	,067	1,000
		Sig. (2-tailed)	,134	,441	.
		N	136	136	136
	distance_LCh	Correlation Coefficient	-,023	,192*	,636**
		Sig. (2-tailed)	,786	,025	,000
		N	136	136	136
	distance_CMYK	Correlation Coefficient	,129	,090	-,429**
		Sig. (2-tailed)	,135	,298	,000
		N	136	136	136
	distance_RGB	Correlation Coefficient	-,122	,067	,987**
		Sig. (2-tailed)	,157	,442	,000
		N	136	136	136
	distance_Lab	Correlation Coefficient	-,103	,088	,882**
		Sig. (2-tailed)	,232	,306	,000
		N	136	136	136

Correlations

			distance_LCh	distance_CMYK	distance_RGB
Spearman's rho	age	Correlation Coefficient	-,023	,129	-,122
		Sig. (2-tailed)	,786	,135	,157
		N	136	136	136
	genderX	Correlation Coefficient	,192*	,090	,067
		Sig. (2-tailed)	,025	,298	,442
		N	136	136	136
	distance_HSV	Correlation Coefficient	,636**	-,429**	,987**
		Sig. (2-tailed)	,000	,000	,000
		N	136	136	136
	distance_LCh	Correlation Coefficient	1,000	,071	,650**
		Sig. (2-tailed)	.	,408	,000
		N	136	136	136
	distance_CMYK	Correlation Coefficient	,071	1,000	-,413**
		Sig. (2-tailed)	,408	.	,000
		N	136	136	136
	distance_RGB	Correlation Coefficient	,650**	-,413**	1,000
		Sig. (2-tailed)	,000	,000	.
		N	136	136	136
	distance_Lab	Correlation Coefficient	,749**	-,258**	,921**
		Sig. (2-tailed)	,000	,002	,000
		N	136	136	136

Correlations

			distance_Lab
Spearman's rho	age	Correlation Coefficient	-,103
		Sig. (2-tailed)	,232
		N	136
	genderX	Correlation Coefficient	,088
		Sig. (2-tailed)	,306
		N	136
	distance_HSV	Correlation Coefficient	,882**
		Sig. (2-tailed)	,000
		N	136
	distance_LCh	Correlation Coefficient	,749**
		Sig. (2-tailed)	,000
		N	136
	distance_CMYK	Correlation Coefficient	-,258**
		Sig. (2-tailed)	,002
		N	136
	distance_RGB	Correlation Coefficient	,921**
		Sig. (2-tailed)	,000
		N	136
	distance_Lab	Correlation Coefficient	1,000
		Sig. (2-tailed)	.
		N	136

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

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

```
SAVE OUTFILE='/Users/PauloGarcia/Desktop/blendingbox/Analysis/First Study/SPSS
 '+
    'Files/datasets/demo_q30.sav'
  /COMPRESSED.

GET DATA  /TYPE=TXT
  /FILE="/Users/PauloGarcia/Desktop/blendingbox/Analysis/First Study/Results/Q
uestion 31/q31_allDemoResults.csv"
  /ENCODING='UTF8'
  /DELCASE=LINE
  /DELIMITERS=","
  /ARRANGEMENT=DELIMITED
  /FIRSTCASE=2
```

```
  /IMPORTCASE=ALL
  /VARIABLES=
  id A13
  age F2.0
  gender A6
  num_answers F2.0
  in_person A3
  typeOfQuestion A12
  first_color A7
  second_color A7
  third_color A7
  clicks F4.0
  rating F1.0
  C3_name A9
  distance_expectedC3COMMA4.0
  distance_HSV COMMA4.0
  distance_LCh COMMA4.0
  distance_CMYK COMMA4.0
  distance_RGB COMMA4.0
  distance_Lab COMMA4.0.
CACHE.
EXECUTE.
DATASET NAME DataSet33 WINDOW=FRONT.
DATASET ACTIVATE DataSet31.
DATASET CLOSE DataSet32.
DATASET ACTIVATE DataSet33.
DATASET CLOSE DataSet31.
AUTORECODE VARIABLES=gender
  /INTO genderX
  /PRINT.
gender into genderX
Old Value  New Value  Value Label

Female             1  Female
Male               2  Male
Other              3  Other


NONPAR CORR
  /VARIABLES=age genderX distance_HSV distance_LCh distance_CMYK distance_RGB
distance_Lab
  /PRINT=SPEARMAN TWOTAIL NOSIG
  /MISSING=PAIRWISE.
```

Nonparametric Correlations

Notes

Output Created		03-OCT-2016 22:20:16
Comments		
Input	Data	/Users/PauloGarcia/Desktop/blendingbox/Analysis/First Study/Results/Question 31/q31_allDemoResults.csv
	Active Dataset	DataSet33
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	135
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		NONPAR CORR /VARIABLES=age genderX distance_HSV distance_LCh distance_CMYK distance_RGB distance_Lab /PRINT=SPEARMAN TWOTAIL NOSIG /MISSING=PAIRWISE.
Resources	Processor Time	00:00:00,01
	Elapsed Time	00:00:00,00
	Number of Cases Allowed	78643 cases[a]

a. Based on availability of workspace memory

Correlations

			age	genderX	distance_HSV
Spearman's rho	age	Correlation Coefficient	1,000	-,140	-,186*
		Sig. (2-tailed)	.	,106	,031
		N	135	135	135
	genderX	Correlation Coefficient	-,140	1,000	,088
		Sig. (2-tailed)	,106	.	,308
		N	135	135	135
	distance_HSV	Correlation Coefficient	-,186*	,088	1,000
		Sig. (2-tailed)	,031	,308	.
		N	135	135	135
	distance_LCh	Correlation Coefficient	,067	-,082	-,738**
		Sig. (2-tailed)	,441	,342	,000
		N	135	135	135
	distance_CMYK	Correlation Coefficient	-,186*	,088	1,000**
		Sig. (2-tailed)	,031	,308	.
		N	135	135	135
	distance_RGB	Correlation Coefficient	-,103	,155	,737**
		Sig. (2-tailed)	,234	,072	,000
		N	135	135	135
	distance_Lab	Correlation Coefficient	-,218*	,083	,882**
		Sig. (2-tailed)	,011	,338	,000
		N	135	135	135

Correlations

			distance_LCh	distance_CMYK	distance_RGB
Spearman's rho	age	Correlation Coefficient	,067	-,186*	-,103
		Sig. (2-tailed)	,441	,031	,234
		N	135	135	135
	genderX	Correlation Coefficient	-,082	,088	,155
		Sig. (2-tailed)	,342	,308	,072
		N	135	135	135
	distance_HSV	Correlation Coefficient	-,738**	1,000**	,737**
		Sig. (2-tailed)	,000	.	,000
		N	135	135	135
	distance_LCh	Correlation Coefficient	1,000	-,738**	-,521**
		Sig. (2-tailed)	.	,000	,000
		N	135	135	135
	distance_CMYK	Correlation Coefficient	-,738**	1,000	,737**
		Sig. (2-tailed)	,000	.	,000
		N	135	135	135
	distance_RGB	Correlation Coefficient	-,521**	,737**	1,000
		Sig. (2-tailed)	,000	,000	.
		N	135	135	135
	distance_Lab	Correlation Coefficient	-,388**	,882**	,597**
		Sig. (2-tailed)	,000	,000	,000
		N	135	135	135

Correlations

			distance_Lab
Spearman's rho	age	Correlation Coefficient	-,218*
		Sig. (2-tailed)	,011
		N	135
	genderX	Correlation Coefficient	,083
		Sig. (2-tailed)	,338
		N	135
	distance_HSV	Correlation Coefficient	,882**
		Sig. (2-tailed)	,000
		N	135
	distance_LCh	Correlation Coefficient	-,388**
		Sig. (2-tailed)	,000
		N	135
	distance_CMYK	Correlation Coefficient	,882**
		Sig. (2-tailed)	,000
		N	135
	distance_RGB	Correlation Coefficient	,597**
		Sig. (2-tailed)	,000
		N	135
	distance_Lab	Correlation Coefficient	1,000
		Sig. (2-tailed)	.
		N	135

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

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

```
SAVE OUTFILE='/Users/PauloGarcia/Desktop/blendingbox/Analysis/First Study/SPSS
 '+
    'Files/datasets/demo_q31.sav'
  /COMPRESSED.

GET DATA  /TYPE=TXT
  /FILE="/Users/PauloGarcia/Desktop/blendingbox/Analysis/First Study/Results/Q
uestion 32/q32_allDemoResults.csv"
  /ENCODING='UTF8'
  /DELCASE=LINE
  /DELIMITERS=","
  /ARRANGEMENT=DELIMITED
  /FIRSTCASE=2
```

```
  /IMPORTCASE=ALL
  /VARIABLES=
  id A13
  age F2.0
  gender A6
  num_answers F2.0
  in_person A3
  typeOfQuestion A12
  first_color A7
  second_color A7
  third_color A7
  clicks F4.0
  rating F1.0
  C3_name A9
  distance_expectedC3COMMA4.0
  distance_HSV COMMA4.0
  distance_LCh COMMA4.0
  distance_CMYK COMMA4.0
  distance_RGB COMMA4.0
  distance_Lab COMMA4.0.
CACHE.
EXECUTE.
DATASET NAME DataSet34 WINDOW=FRONT.
DATASET CLOSE DataSet33.
AUTORECODE VARIABLES=gender
  /INTO genderX
  /PRINT.
gender into genderX
Old Value  New Value  Value Label

Female             1  Female
Male               2  Male
Other              3  Other


NONPAR CORR
  /VARIABLES=age genderX distance_HSV distance_LCh distance_CMYK distance_RGB
distance_Lab
  /PRINT=SPEARMAN TWOTAIL NOSIG
  /MISSING=PAIRWISE.
```

Nonparametric Correlations

Notes

Output Created		03-OCT-2016 22:22:53
Comments		
Input	Data	/Users/PauloGarcia/Desktop/blendingbox/Analysis/First Study/Results/Question 32/q32_allDemoResults.csv
	Active Dataset	DataSet34
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	139
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		NONPAR CORR /VARIABLES=age genderX distance_HSV distance_LCh distance_CMYK distance_RGB distance_Lab /PRINT=SPEARMAN TWOTAIL NOSIG /MISSING=PAIRWISE.
Resources	Processor Time	00:00:00,01
	Elapsed Time	00:00:00,00
	Number of Cases Allowed	78643 cases[a]

a. Based on availability of workspace memory

Correlations

			age	genderX	distance_HSV
Spearman's rho	age	Correlation Coefficient	1,000	-,031	,065
		Sig. (2-tailed)	.	,713	,445
		N	139	139	139
	genderX	Correlation Coefficient	-,031	1,000	-,039
		Sig. (2-tailed)	,713	.	,651
		N	139	139	139
	distance_HSV	Correlation Coefficient	,065	-,039	1,000
		Sig. (2-tailed)	,445	,651	.
		N	139	139	139
	distance_LCh	Correlation Coefficient	,065	-,104	,326**
		Sig. (2-tailed)	,449	,225	,000
		N	139	139	139
	distance_CMYK	Correlation Coefficient	,021	-,025	-,371**
		Sig. (2-tailed)	,803	,774	,000
		N	139	139	139
	distance_RGB	Correlation Coefficient	,044	-,065	,928**
		Sig. (2-tailed)	,607	,451	,000
		N	139	139	139
	distance_Lab	Correlation Coefficient	,059	-,072	,179*
		Sig. (2-tailed)	,491	,397	,035
		N	139	139	139

Correlations

			distance_LCh	distance_CMYK	distance_RGB
Spearman's rho	age	Correlation Coefficient	,065	,021	,044
		Sig. (2-tailed)	,449	,803	,607
		N	139	139	139
	genderX	Correlation Coefficient	-,104	-,025	-,065
		Sig. (2-tailed)	,225	,774	,451
		N	139	139	139
	distance_HSV	Correlation Coefficient	,326**	-,371**	,928**
		Sig. (2-tailed)	,000	,000	,000
		N	139	139	139
	distance_LCh	Correlation Coefficient	1,000	,618**	,580**
		Sig. (2-tailed)	.	,000	,000
		N	139	139	139
	distance_CMYK	Correlation Coefficient	,618**	1,000	-,162
		Sig. (2-tailed)	,000	.	,057
		N	139	139	139
	distance_RGB	Correlation Coefficient	,580**	-,162	1,000
		Sig. (2-tailed)	,000	,057	.
		N	139	139	139
	distance_Lab	Correlation Coefficient	,794**	,671**	,413**
		Sig. (2-tailed)	,000	,000	,000
		N	139	139	139

Correlations

			distance_Lab
Spearman's rho	age	Correlation Coefficient	,059
		Sig. (2-tailed)	,491
		N	139
	genderX	Correlation Coefficient	-,072
		Sig. (2-tailed)	,397
		N	139
	distance_HSV	Correlation Coefficient	,179*
		Sig. (2-tailed)	,035
		N	139
	distance_LCh	Correlation Coefficient	,794**
		Sig. (2-tailed)	,000
		N	139
	distance_CMYK	Correlation Coefficient	,671**
		Sig. (2-tailed)	,000
		N	139
	distance_RGB	Correlation Coefficient	,413**
		Sig. (2-tailed)	,000
		N	139
	distance_Lab	Correlation Coefficient	1,000
		Sig. (2-tailed)	.
		N	139

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

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

```
SAVE OUTFILE='/Users/PauloGarcia/Desktop/blendingbox/Analysis/First Study/SPSS
 '+
    'Files/datasets/demo_q32.sav'
  /COMPRESSED.
```