```
 DATASET ACTIVATE DataSet1.

SAVE OUTFILE='C:\Users\petrija2\Dropbox\111_CEPEV_UHK\Projekty-pro-
CEPEV\Projekt '+
    'Honzíčková\180216_DATA_Honz.sav'
  /COMPRESSED.
USE ALL.
COMPUTE filter_$=(Pair_kod < 999).
VARIABLE LABELS filter_$ 'Pair_kod < 999 (FILTER)'.
VALUE LABELS filter_$ 0 'Not Selected' 1 'Selected'.
FORMATS filter_$ (f1.0).
FILTER BY filter_$.
EXECUTE.



SORT CASES  BY giftedness.
SPLIT FILE LAYERED BY giftedness.


FREQUENCIES VARIABLES=BW_01 PIC_01 BW_02 PIC_02 BW_03 PIC_03 BW_04 PIC_04 B
W_05 PIC_05 BW_06 PIC_06
    BW_07 PIC_07 BW_08 PIC_08 BW_09 PIC_09 BW_10 PIC_10 BW_11 PIC_11 BW_12
PIC_12
  /FORMAT=NOTABLE
  /STATISTICS=STDDEV MINIMUM MAXIMUM MEAN MEDIAN SKEWNESS SESKEW KURTOSIS S
EKURT
  /ORDER=ANALYSIS.
```

Frequencies

Notes

Output Created		16-FEB-2018 11:34:14
Comments		
Input	Data	C:\Users\petrija2\Dropbox\111_CEPEV_UHK\Projekty-pro-CEPEV\Projekt Honzíčková\180216_DATA_Honz.sav
	Active Dataset	DataSet1
	Filter	Pair_kod < 999 (FILTER)
	Weight	<none>
	Split File	giftedness
	N of Rows in Working Data File	42
Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	Statistics are based on all cases with valid data.
Syntax		FREQUENCIES VARIABLES=BW_01 PIC_01 BW_02 PIC_02 BW_03 PIC_03 BW_04 PIC_04 BW_05 PIC_05 BW_06 PIC_06 BW_07 PIC_07 BW_08 PIC_08 BW_09 PIC_09 BW_10 PIC_10 BW_11 PIC_11 BW_12 PIC_12 /FORMAT=NOTABLE /STATISTICS=STDDEV MINIMUM MAXIMUM MEAN MEDIAN SKEWNESS SESKEW KURTOSIS SEKURT /ORDER=ANALYSIS.
Resources	Processor Time	00:00:00,00
	Elapsed Time	00:00:00,00

Statistics

giftedness			BW_01	PIC_01	BW_02	PIC_02	BW_03	PIC_03
ne	N	Valid	21	21	21	21	21	21
		Missing	0	0	0	0	0	0
	Mean		3,00	3,86	2,38	3,81	2,90	3,86
	Median		3,00	4,00	2,00	4,00	3,00	4,00
	Std. Deviation		1,265	1,315	1,203	1,078	1,221	1,315
	Skewness		,328	-,732	,500	-,378	,381	-1,024
	Std. Error of Skewness		,501	,501	,501	,501	,501	,501
	Kurtosis		-,765	-,761	-,597	-1,088	-,677	,169
	Std. Error of Kurtosis		,972	,972	,972	,972	,972	,972
	Minimum		1	1	1	2	1	1
	Maximum		5	5	5	5	5	5
ano	N	Valid	21	21	21	21	21	21
		Missing	0	0	0	0	0	0
	Mean		3,14	3,81	2,67	3,48	3,19	3,90
	Median		3,00	4,00	3,00	3,00	3,00	4,00
	Std. Deviation		1,195	,981	1,155	,981	1,078	,889
	Skewness		-,495	-,285	,088	,249	,114	-,744
	Std. Error of Skewness		,501	,501	,501	,501	,501	,501
	Kurtosis		-,390	-,875	-,689	-,833	-,259	,332
	Std. Error of Kurtosis		,972	,972	,972	,972	,972	,972
	Minimum		1	2	1	2	1	2
	Maximum		5	5	5	5	5	5

Statistics

giftedness			BW_04	PIC_04	BW_05	PIC_05	BW_06	PIC_06
ne	N	Valid	21	21	21	21	21	21
		Missing	0	0	0	0	0	0
	Mean		3,05	3,57	2,14	3,38	2,52	4,00
	Median		3,00	4,00	2,00	3,00	2,00	4,00
	Std. Deviation		1,284	1,207	,793	1,284	1,504	1,225
	Skewness		-,097	-,373	2,390	-,335	,632	-1,083
	Std. Error of Skewness		,501	,501	,501	,501	,501	,501
	Kurtosis		-,890	-,715	8,652	-,762	-,955	,274
	Std. Error of Kurtosis		,972	,972	,972	,972	,972	,972
	Minimum		1	1	1	1	1	1
	Maximum		5	5	5	5	5	5
ano	N	Valid	21	21	21	21	21	21
		Missing	0	0	0	0	0	0
	Mean		3,57	3,33	2,05	3,19	2,62	3,62
	Median		4,00	3,00	2,00	3,00	3,00	4,00
	Std. Deviation		1,363	1,354	,740	1,209	,865	,973
	Skewness		-,559	-,411	,741	-,589	-,150	-,190
	Std. Error of Skewness		,501	,501	,501	,501	,501	,501
	Kurtosis		-,855	-,798	1,405	-,412	-,382	-,785
	Std. Error of Kurtosis		,972	,972	,972	,972	,972	,972
	Minimum		1	1	1	1	1	2
	Maximum		5	5	4	5	4	5

Statistics

giftedness			BW_07	PIC_07	BW_08	PIC_08	BW_09	PIC_09
ne	N	Valid	21	21	21	21	21	21
		Missing	0	0	0	0	0	0
	Mean		3,14	3,57	3,71	3,71	2,62	2,86
	Median		3,00	4,00	4,00	4,00	3,00	3,00
	Std. Deviation		1,236	1,502	1,231	1,271	1,071	1,236
	Skewness		-,297	-,543	-,817	-,534	,332	,473
	Std. Error of Skewness		,501	,501	,501	,501	,501	,501
	Kurtosis		-,472	-1,103	,307	-,829	-,184	-,720
	Std. Error of Kurtosis		,972	,972	,972	,972	,972	,972
	Minimum		1	1	1	1	1	1
	Maximum		5	5	5	5	5	5
ano	N	Valid	21	21	21	21	21	21
		Missing	0	0	0	0	0	0
	Mean		3,67	3,43	4,00	3,38	2,38	3,05
	Median		4,00	4,00	4,00	3,00	2,00	3,00
	Std. Deviation		1,155	1,326	1,049	1,071	1,117	1,203
	Skewness		-,989	-,186	-,862	,207	,568	-,100
	Std. Error of Skewness		,501	,501	,501	,501	,501	,501
	Kurtosis		,983	-1,387	-,271	-1,121	-,037	-1,020
	Std. Error of Kurtosis		,972	,972	,972	,972	,972	,972
	Minimum		1	1	2	2	1	1
	Maximum		5	5	5	5	5	5

Statistics

giftedness			BW_10	PIC_10	BW_11	PIC_11	BW_12	PIC_12
ne	N	Valid	21	21	21	21	21	21
		Missing	0	0	0	0	0	0
	Mean		3,48	3,62	3,19	3,33	3,14	3,33
	Median		4,00	4,00	3,00	3,00	3,00	3,00
	Std. Deviation		1,078	1,024	1,327	1,390	1,153	1,065
	Skewness		-,065	-,046	-,243	-,174	,128	,346
	Std. Error of Skewness		,501	,501	,501	,501	,501	,501
	Kurtosis		-1,203	-1,050	-,895	-1,300	-,841	-1,008
	Std. Error of Kurtosis		,972	,972	,972	,972	,972	,972
	Minimum		2	2	1	1	1	2
	Maximum		5	5	5	5	5	5
ano	N	Valid	21	21	21	21	21	21
		Missing	0	0	0	0	0	0
	Mean		3,38	3,19	3,10	3,52	2,86	3,14
	Median		3,00	3,00	3,00	3,00	3,00	3,00
	Std. Deviation		1,203	1,365	1,044	,981	1,276	1,062
	Skewness		-,452	-,118	-,497	,103	-,026	-,034
	Std. Error of Skewness		,501	,501	,501	,501	,501	,501
	Kurtosis		-,284	-,976	-,060	-,875	-,951	-,505
	Std. Error of Kurtosis		,972	,972	,972	,972	,972	,972
	Minimum		1	1	1	2	1	1
	Maximum		5	5	5	5	5	5

```
 USE ALL.
*Nonparametric Tests: Independent Samples.
NPTESTS
  /INDEPENDENT TEST (BW_01 PIC_01 BW_02 PIC_02 BW_03 PIC_03 BW_04 PIC_04 BW
_05 PIC_05 BW_06 PIC_06
    BW_07 PIC_07 BW_08 PIC_08 BW_09 PIC_09 BW_10 PIC_10 BW_11 PIC_11 BW_12
PIC_12) GROUP (giftedness)
    MANN_WHITNEY MEDIAN(TESTVALUE=SAMPLE COMPARE=PAIRWISE)
  /MISSING SCOPE=ANALYSIS USERMISSING=EXCLUDE
  /CRITERIA ALPHA=0.05  CILEVEL=95.


 SPLIT FILE OFF.

*Nonparametric Tests: Independent Samples.
NPTESTS
  /INDEPENDENT TEST (BW_01 PIC_01 BW_02 PIC_02 BW_03 PIC_03 BW_04 PIC_04 BW
_05 PIC_05 BW_06 PIC_06
```

```
    BW_07 PIC_07 BW_08 PIC_08 BW_09 PIC_09 BW_10 PIC_10 BW_11 PIC_11 BW_12
PIC_12) GROUP (giftedness)
    MANN_WHITNEY MEDIAN(TESTVALUE=SAMPLE COMPARE=PAIRWISE)
  /MISSING SCOPE=ANALYSIS USERMISSING=EXCLUDE
  /CRITERIA ALPHA=0.05  CILEVEL=95.
```

Nonparametric Tests

Notes

Output Created		16-FEB-2018 11:37:11
Comments		
Input	Data	C:\Users\petrija2\Dropbox\111_CEPEV_UHK\Projekty-pro-CEPEV\Projekt Honzíčková\180216_DATA_Honz.sav
	Active Dataset	DataSet1
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	51
Syntax		NPTESTS /INDEPENDENT TEST (BW_01 PIC_01 BW_02 PIC_02 BW_03 PIC_03 BW_04 PIC_04 BW_05 PIC_05 BW_06 PIC_06 BW_07 PIC_07 BW_08 PIC_08 BW_09 PIC_09 BW_10 PIC_10 BW_11 PIC_11 BW_12 PIC_12) GROUP (giftedness) MANN_WHITNEY MEDIAN (TESTVALUE=SAMPLE COMPARE=PAIRWISE) /MISSING SCOPE=ANALYSIS USERMISSING=EXCLUDE /CRITERIA ALPHA=0.05 CILEVEL=95.
Resources	Processor Time	00:00:00,23
	Elapsed Time	00:00:00,23

Hypothesis Test Summary

	Null Hypothesis	Test	Sig.	Decision
1	The medians of BW_01 are the same across categories of giftedness.	Independent-Samples Median Test	,147	Retain the null hypothesis.
2	The distribution of BW_01 is the same across categories of giftedness.	Independent-Samples Mann-Whitney U Test	,294	Retain the null hypothesis.
3	The medians of PIC_01 are the same across categories of giftedness.	Independent-Samples Median Test	,587	Retain the null hypothesis.
4	The distribution of PIC_01 is the same across categories of giftedness.	Independent-Samples Mann-Whitney U Test	,858	Retain the null hypothesis.
5	The medians of BW_02 are the same across categories of giftedness.	Independent-Samples Median Test	,493	Retain the null hypothesis.
6	The distribution of BW_02 is the same across categories of giftedness.	Independent-Samples Mann-Whitney U Test	,299	Retain the null hypothesis.
7	The medians of PIC_02 are the same across categories of giftedness.	Independent-Samples Median Test	,984	Retain the null hypothesis.
8	The distribution of PIC_02 is the same across categories of giftedness.	Independent-Samples Mann-Whitney U Test	,544	Retain the null hypothesis.
9	The medians of BW_03 are the same across categories of giftedness.	Independent-Samples Median Test	,840	Retain the null hypothesis.
10	The distribution of BW_03 is the same across categories of giftedness.	Independent-Samples Mann-Whitney U Test	,349	Retain the null hypothesis.
11	The medians of PIC_03 are the same across categories of giftedness.	Independent-Samples Median Test	,172	Retain the null hypothesis.

Asymptotic significances are displayed. The significance level is ,05.

(continued)

Hypothesis Test Summary

	Null Hypothesis	Test	Sig.	Decision
12	The distribution of PIC_03 is the same across categories of giftedness.	Independent-Samples Mann-Whitney U Test	,756	Retain the null hypothesis.
13	The medians of BW_04 are the same across categories of giftedness.	Independent-Samples Median Test	,356	Retain the null hypothesis.
14	The distribution of BW_04 is the same across categories of giftedness.	Independent-Samples Mann-Whitney U Test	,178	Retain the null hypothesis.
15	The medians of PIC_04 are the same across categories of giftedness.	Independent-Samples Median Test	,907	Retain the null hypothesis.
16	The distribution of PIC_04 is the same across categories of giftedness.	Independent-Samples Mann-Whitney U Test	,679	Retain the null hypothesis.
17	The medians of BW_05 are the same across categories of giftedness.	Independent-Samples Median Test	,610	Retain the null hypothesis.
18	The distribution of BW_05 is the same across categories of giftedness.	Independent-Samples Mann-Whitney U Test	,858	Retain the null hypothesis.
19	The medians of PIC_05 are the same across categories of giftedness.	Independent-Samples Median Test	,800	Retain the null hypothesis.
20	The distribution of PIC_05 is the same across categories of giftedness.	Independent-Samples Mann-Whitney U Test	,992	Retain the null hypothesis.
21	The medians of BW_06 are the same across categories of giftedness.	Independent-Samples Median Test	,878	Retain the null hypothesis.

Asymptotic significances are displayed. The significance level is ,05.

(continued)

Hypothesis Test Summary

	Null Hypothesis	Test	Sig.	Decision
22	The distribution of BW_06 is the same across categories of giftedness.	Independent-Samples Mann-Whitney U Test	,584	Retain the null hypothesis.
23	The medians of PIC_06 are the same across categories of giftedness.	Independent-Samples Median Test	,131	Retain the null hypothesis.
24	The distribution of PIC_06 is the same across categories of giftedness.	Independent-Samples Mann-Whitney U Test	,320	Retain the null hypothesis.
25	The medians of BW_07 are the same across categories of giftedness.	Independent-Samples Median Test	,083	Retain the null hypothesis.
26	The distribution of BW_07 is the same across categories of giftedness.	Independent-Samples Mann-Whitney U Test	,036	Reject the null hypothesis.
27	The medians of PIC_07 are the same across categories of giftedness.	Independent-Samples Median Test	,587	Retain the null hypothesis.
28	The distribution of PIC_07 is the same across categories of giftedness.	Independent-Samples Mann-Whitney U Test	,635	Retain the null hypothesis.
29	The medians of BW_08 are the same across categories of giftedness.	Independent-Samples Median Test	,958	Retain the null hypothesis.
30	The distribution of BW_08 is the same across categories of giftedness.	Independent-Samples Mann-Whitney U Test	,448	Retain the null hypothesis.
31	The medians of PIC_08 are the same across categories of giftedness.	Independent-Samples Median Test	,651	Retain the null hypothesis.

Asymptotic significances are displayed. The significance level is ,05.

(continued)

Hypothesis Test Summary

	Null Hypothesis	Test	Sig.	Decision
32	The distribution of PIC_08 is the same across categories of giftedness.	Independent-Samples Mann-Whitney U Test	,508	Retain the null hypothesis.
33	The medians of BW_09 are the same across categories of giftedness.	Independent-Samples Median Test	,932	Retain the null hypothesis.
34	The distribution of BW_09 is the same across categories of giftedness.	Independent-Samples Mann-Whitney U Test	,723	Retain the null hypothesis.
35	The medians of PIC_09 are the same across categories of giftedness.	Independent-Samples Median Test	,691	Retain the null hypothesis.
36	The distribution of PIC_09 is the same across categories of giftedness.	Independent-Samples Mann-Whitney U Test	,651	Retain the null hypothesis.
37	The medians of BW_10 are the same across categories of giftedness.	Independent-Samples Median Test	,907	Retain the null hypothesis.
38	The distribution of BW_10 is the same across categories of giftedness.	Independent-Samples Mann-Whitney U Test	1,000	Retain the null hypothesis.
39	The medians of PIC_10 are the same across categories of giftedness.	Independent-Samples Median Test	,932	Retain the null hypothesis.
40	The distribution of PIC_10 is the same across categories of giftedness.	Independent-Samples Mann-Whitney U Test	,722	Retain the null hypothesis.
41	The medians of BW_11 are the same across categories of giftedness.	Independent-Samples Median Test	,932	Retain the null hypothesis.

Asymptotic significances are displayed. The significance level is ,05.

(continued)

Hypothesis Test Summary

	Null Hypothesis	Test	Sig.	Decision
42	The distribution of BW_11 is the same across categories of giftedness.	Independent-Samples Mann-Whitney U Test	,820	Retain the null hypothesis.
43	The medians of PIC_11 are the same across categories of giftedness.	Independent-Samples Median Test	,987	Retain the null hypothesis.
44	The distribution of PIC_11 is the same across categories of giftedness.	Independent-Samples Mann-Whitney U Test	,534	Retain the null hypothesis.
45	The medians of BW_12 are the same across categories of giftedness.	Independent-Samples Median Test	,763	Retain the null hypothesis.
46	The distribution of BW_12 is the same across categories of giftedness.	Independent-Samples Mann-Whitney U Test	,671	Retain the null hypothesis.
47	The medians of PIC_12 are the same across categories of giftedness.	Independent-Samples Median Test	,849	Retain the null hypothesis.
48	The distribution of PIC_12 is the same across categories of giftedness.	Independent-Samples Mann-Whitney U Test	,976	Retain the null hypothesis.

Asymptotic significances are displayed. The significance level is ,05.