

```
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.
```

```
SPLIT FILE OFF.
```

```
*Nonparametric Tests: Independent Samples.
```

```
NPTESTS
```

```
  /INDEPENDENT TEST
```

```
(TFF_BW_zacvik_Mean
```

```
TFF_PIC_zacvik_Mean
```

```
TFF_BW_01_Mean
```

```
TFF_PIC_01_Mean
```

```
TFF_BW_02_Mean
```

```
TFF_PIC_02_Mean
```

```
TFF_BW_03_Mean
```

```
TFF_PIC_03_Mean
```

```
TFF_BW_04_Mean
```

```
TFF_PIC_04_Mean
```

```
TFF_BW_05_Mean
```

```
TFF_PIC_05_Mean
```

```
TFF_BW_06_Mean
```

```
TFF_PIC_06_Mean
```

```
TFF_BW_07_Mean
```

```
TFF_PIC_07_Mean
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```
TFF_BW_08_Mean
```

```
TFF_PIC_08_Mean
```

```
TFF_BW_09_Mean
```

```
TFF_PIC_09_Mean
```

```
TFF_BW_10_Mean
```

```
TFF_PIC_10_Mean
```

```
TFF_BW_11_Mean
```

```
TFF_PIC_11_Mean
```

```
TFF_BW_12_Mean
```

```
TFF_PIC_12_Mean)
```

```
  GROUP (giftedness)
```

```

MANN_WHITEY MEDIAN(TESTVALUE=SAMPLE COMPARE=PAIRWISE)
/MISSING SCOPE=ANALYSIS USERMISSING=EXCLUDE
/CRITERIA ALPHA=0.05 CILEVEL=95.

```

Nonparametric Tests

Notes		
Output Created		16-FEB-2018 11:42:16
Comments		
Input	Data	C: \Users\petrija2\Dropbox\11 1_CEPEV_UHK\Projekty- pro-CEPEV\Projekt Honzičková\180216_DAT A_Honz.sav
	Active Dataset	DataSet1
	Filter	Pair_kod < 999 (FILTER)
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	42

Notes

Syntax	NPTESTS /INDEPENDENT TEST (TFF_BW_zacvik_Mean TFF_PIC_zacvik_Mean TFF_BW_01_Mean TFF_PIC_01_Mean TFF_BW_02_Mean TFF_PIC_02_Mean TFF_BW_03_Mean TFF_PIC_03_Mean TFF_BW_04_Mean TFF_PIC_04_Mean TFF_BW_05_Mean TFF_PIC_05_Mean TFF_BW_06_Mean TFF_PIC_06_Mean TFF_BW_07_Mean TFF_PIC_07_Mean TFF_BW_08_Mean TFF_PIC_08_Mean TFF_BW_09_Mean TFF_PIC_09_Mean TFF_BW_10_Mean TFF_PIC_10_Mean TFF_BW_11_Mean TFF_PIC_11_Mean TFF_BW_12_Mean TFF_PIC_12_Mean) GROUP (giftedness) MANN_WHITNEY MEDIAN (TESTVALUE=SAMPLE COMPARE=PAIRWISE) /MISSING SCOPE=ANALYSIS USERMISSING=EXCLUD E /CRITERIA ALPHA=0.05 CILEVEL=95.	
Resources	Processor Time	00:00:00,25
	Elapsed Time	00:00:00,22

Hypothesis Test Summary

	Null Hypothesis	Test	Sig.	Decision
1	The medians of TFF_BW_zacvik_Mean are the same across categories of giftedness.	Independent-Samples Median Test	,659	Retain the null hypothesis.
2	The distribution of TFF_BW_zacvik_Mean is the same across categories of giftedness.	Independent-Samples Mann-Whitney U Test	,469	Retain the null hypothesis.
3	The medians of TFF_PIC_zacvik_Mean are the same across categories of giftedness.	Independent-Samples Median Test	,537	Retain the null hypothesis.
4	The distribution of TFF_PIC_zacvik_Mean is the same across categories of giftedness.	Independent-Samples Mann-Whitney U Test	,605	Retain the null hypothesis.
5	The medians of TFF_BW_01_Mean are the same across categories of giftedness.	Independent-Samples Median Test	,751	Retain the null hypothesis.
6	The distribution of TFF_BW_01_Mean is the same across categories of giftedness.	Independent-Samples Mann-Whitney U Test	,474	Retain the null hypothesis.
7	The medians of TFF_PIC_01_Mean are the same across categories of giftedness.	Independent-Samples Median Test	,755	Retain the null hypothesis.
8	The distribution of TFF_PIC_01_Mean is the same across categories of giftedness.	Independent-Samples Mann-Whitney U Test	,748	Retain the null hypothesis.
9	The medians of TFF_BW_02_Mean are the same across categories of giftedness.	Independent-Samples Median Test	,743	Retain the null hypothesis.
10	The distribution of TFF_BW_02_Mean is the same across categories of giftedness.	Independent-Samples Mann-Whitney U Test	,436	Retain the null hypothesis.

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

(continued)

Hypothesis Test Summary

	Null Hypothesis	Test	Sig.	Decision
11	The medians of TFF_PIC_02_Mean are the same across categories of giftedness.	Independent-Samples Median Test	1,000	Retain the null hypothesis.
12	The distribution of TFF_PIC_02_Mean is the same across categories of giftedness.	Independent-Samples Mann-Whitney U Test	,842	Retain the null hypothesis.
13	The medians of TFF_BW_03_Mean are the same across categories of giftedness.	Independent-Samples Median Test	,340	Retain the null hypothesis.
14	The distribution of TFF_BW_03_Mean is the same across categories of giftedness.	Independent-Samples Mann-Whitney U Test	,287	Retain the null hypothesis.
15	The medians of TFF_PIC_03_Mean are the same across categories of giftedness.	Independent-Samples Median Test	,757	Retain the null hypothesis.
16	The distribution of TFF_PIC_03_Mean is the same across categories of giftedness.	Independent-Samples Mann-Whitney U Test	,724	Retain the null hypothesis.
17	The medians of TFF_BW_04_Mean are the same across categories of giftedness.	Independent-Samples Median Test	1,000	Retain the null hypothesis.
18	The distribution of TFF_BW_04_Mean is the same across categories of giftedness.	Independent-Samples Mann-Whitney U Test	,847	Retain the null hypothesis.
19	The medians of TFF_PIC_04_Mean are the same across categories of giftedness.	Independent-Samples Median Test	1,000	Retain the null hypothesis.

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

(continued)

Hypothesis Test Summary

	Null Hypothesis	Test	Sig.	Decision
20	The distribution of TFF_PIC_04_Mean is the same across categories of giftedness.	Independent-Samples Mann-Whitney U Test	,648	Retain the null hypothesis.
21	The medians of TFF_BW_05_Mean are the same across categories of giftedness.	Independent-Samples Median Test	,520	Retain the null hypothesis.
22	The distribution of TFF_BW_05_Mean is the same across categories of giftedness.	Independent-Samples Mann-Whitney U Test	,420	Retain the null hypothesis.
23	The medians of TFF_PIC_05_Mean are the same across categories of giftedness.	Independent-Samples Median Test	,209	Retain the null hypothesis.
24	The distribution of TFF_PIC_05_Mean is the same across categories of giftedness.	Independent-Samples Mann-Whitney U Test	,198	Retain the null hypothesis.
25	The medians of TFF_BW_06_Mean are the same across categories of giftedness.	Independent-Samples Median Test	,160	Retain the null hypothesis.
26	The distribution of TFF_BW_06_Mean is the same across categories of giftedness.	Independent-Samples Mann-Whitney U Test	,100	Retain the null hypothesis.
27	The medians of TFF_PIC_06_Mean are the same across categories of giftedness.	Independent-Samples Median Test	,541	Retain the null hypothesis.
28	The distribution of TFF_PIC_06_Mean is the same across categories of giftedness.	Independent-Samples Mann-Whitney U Test	,332	Retain the null hypothesis.

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

(continued)

Hypothesis Test Summary

	Null Hypothesis	Test	Sig.	Decision
29	The medians of TFF_BW_07_Mean are the same across categories of giftedness.	Independent-Samples Median Test	,370	Retain the null hypothesis.
30	The distribution of TFF_BW_07_Mean is the same across categories of giftedness.	Independent-Samples Mann-Whitney U Test	,191	Retain the null hypothesis.
31	The medians of TFF_PIC_07_Mean are the same across categories of giftedness.	Independent-Samples Median Test	1,000	Retain the null hypothesis.
32	The distribution of TFF_PIC_07_Mean is the same across categories of giftedness.	Independent-Samples Mann-Whitney U Test	,587	Retain the null hypothesis.
33	The medians of TFF_BW_08_Mean are the same across categories of giftedness.	Independent-Samples Median Test	,717	Retain the null hypothesis.
34	The distribution of TFF_BW_08_Mean is the same across categories of giftedness.	Independent-Samples Mann-Whitney U Test	,419	Retain the null hypothesis.
35	The medians of TFF_PIC_08_Mean are the same across categories of giftedness.	Independent-Samples Median Test	,757	Retain the null hypothesis.
36	The distribution of TFF_PIC_08_Mean is the same across categories of giftedness.	Independent-Samples Mann-Whitney U Test	,978	Retain the null hypothesis.
37	The medians of TFF_BW_09_Mean are the same across categories of giftedness.	Independent-Samples Median Test	,694	Retain the null hypothesis.

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

(continued)

Hypothesis Test Summary

	Null Hypothesis	Test	Sig.	Decision
38	The distribution of TFF_BW_09_Mean is the same across categories of giftedness.	Independent-Samples Mann-Whitney U Test	,388	Retain the null hypothesis.
39	The medians of TFF_PIC_09_Mean are the same across categories of giftedness.	Independent-Samples Median Test	,268	Retain the null hypothesis.
40	The distribution of TFF_PIC_09_Mean is the same across categories of giftedness.	Independent-Samples Mann-Whitney U Test	,094	Retain the null hypothesis.
41	The medians of TFF_BW_10_Mean are the same across categories of giftedness.	Independent-Samples Median Test	,934	Retain the null hypothesis.
42	The distribution of TFF_BW_10_Mean is the same across categories of giftedness.	Independent-Samples Mann-Whitney U Test	,760	Retain the null hypothesis.
43	The medians of TFF_PIC_10_Mean are the same across categories of giftedness.	Independent-Samples Median Test	,743	Retain the null hypothesis.
44	The distribution of TFF_PIC_10_Mean is the same across categories of giftedness.	Independent-Samples Mann-Whitney U Test	,569	Retain the null hypothesis.
45	The medians of TFF_BW_11_Mean are the same across categories of giftedness.	Independent-Samples Median Test	,733	Retain the null hypothesis.
46	The distribution of TFF_BW_11_Mean is the same across categories of giftedness.	Independent-Samples Mann-Whitney U Test	,603	Retain the null hypothesis.

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

(continued)

Hypothesis Test Summary

	Null Hypothesis	Test	Sig.	Decision
47	The medians of TFF_PIC_11_Mean are the same across categories of giftedness.	Independent-Samples Median Test	,717	Retain the null hypothesis.
48	The distribution of TFF_PIC_11_Mean is the same across categories of giftedness.	Independent-Samples Mann-Whitney U Test	,662	Retain the null hypothesis.
49	The medians of TFF_BW_12_Mean are the same across categories of giftedness.	Independent-Samples Median Test	,694	Retain the null hypothesis.
50	The distribution of TFF_BW_12_Mean is the same across categories of giftedness.	Independent-Samples Mann-Whitney U Test	,388	Retain the null hypothesis.
51	The medians of TFF_PIC_12_Mean are the same across categories of giftedness.	Independent-Samples Median Test	,733	Retain the null hypothesis.
52	The distribution of TFF_PIC_12_Mean is the same across categories of giftedness.	Independent-Samples Mann-Whitney U Test	,559	Retain the null hypothesis.

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

