

```
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
```

```
(TFD_BW_zacvik_Mean
```

```
TFD_PIC_zacvik_Mean
```

```
TFD_BW_01_Mean
```

```
TFD_PIC_01_Mean
```

```
TFD_BW_02_Mean
```

```
TFD_PIC_02_Mean
```

```
TFD_BW_03_Mean
```

```
TFD_PIC_03_Mean
```

```
TFD_BW_04_Mean
```

```
TFD_PIC_04_Mean
```

```
TFD_BW_05_Mean
```

```
TFD_PIC_05_Mean
```

```
TFD_BW_06_Mean
```

```
TFD_PIC_06_Mean
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```
TFD_BW_07_Mean
```

```
TFD_PIC_07_Mean
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```
TFD_BW_08_Mean
```

```
TFD_PIC_08_Mean
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```
TFD_BW_09_Mean
```

```
TFD_PIC_09_Mean
```

```
TFD_BW_10_Mean
```

```
TFD_PIC_10_Mean
```

```
TFD_BW_11_Mean
```

```
TFD_PIC_11_Mean
```

```
TFD_BW_12_Mean
```

```
TFD_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 11:45:43
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 (TFD_BW_zacvik_Mean TFD_PIC_zacvik_Mean TFD_BW_01_Mean TFD_PIC_01_Mean TFD_BW_02_Mean TFD_PIC_02_Mean TFD_BW_03_Mean TFD_PIC_03_Mean TFD_BW_04_Mean TFD_PIC_04_Mean TFD_BW_05_Mean TFD_PIC_05_Mean TFD_BW_06_Mean TFD_PIC_06_Mean TFD_BW_07_Mean TFD_PIC_07_Mean TFD_BW_08_Mean TFD_PIC_08_Mean TFD_BW_09_Mean TFD_PIC_09_Mean TFD_BW_10_Mean TFD_PIC_10_Mean TFD_BW_11_Mean TFD_PIC_11_Mean TFD_BW_12_Mean TFD_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	00:00:00,23
	Elapsed Time	00:00:00,28

Hypothesis Test Summary

	Null Hypothesis	Test	Sig.	Decision
1	The medians of TFD_BW_zacvik_Mean are the same across categories of giftedness.	Independent-Samples Median Test	1,000	Retain the null hypothesis.
2	The distribution of TFD_BW_zacvik_Mean is the same across categories of giftedness.	Independent-Samples Mann-Whitney U Test	,990	Retain the null hypothesis.
3	The medians of TFD_PIC_zacvik_Mean are the same across categories of giftedness.	Independent-Samples Median Test	1,000	Retain the null hypothesis.
4	The distribution of TFD_PIC_zacvik_Mean is the same across categories of giftedness.	Independent-Samples Mann-Whitney U Test	,308	Retain the null hypothesis.
5	The medians of TFD_BW_01_Mean are the same across categories of giftedness.	Independent-Samples Median Test	,642	Retain the null hypothesis.
6	The distribution of TFD_BW_01_Mean is the same across categories of giftedness.	Independent-Samples Mann-Whitney U Test	,389	Retain the null hypothesis.
7	The medians of TFD_PIC_01_Mean are the same across categories of giftedness.	Independent-Samples Median Test	,537	Retain the null hypothesis.
8	The distribution of TFD_PIC_01_Mean is the same across categories of giftedness.	Independent-Samples Mann-Whitney U Test	,811	Retain the null hypothesis.
9	The medians of TFD_BW_02_Mean are the same across categories of giftedness.	Independent-Samples Median Test	,217	Retain the null hypothesis.
10	The distribution of TFD_BW_02_Mean is the same across categories of giftedness.	Independent-Samples Mann-Whitney U Test	,481	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 TFD_PIC_02_Mean are the same across categories of giftedness.	Independent-Samples Median Test	,537	Retain the null hypothesis.
12	The distribution of TFD_PIC_02_Mean is the same across categories of giftedness.	Independent-Samples Mann-Whitney U Test	,554	Retain the null hypothesis.
13	The medians of TFD_BW_03_Mean are the same across categories of giftedness.	Independent-Samples Median Test	,217	Retain the null hypothesis.
14	The distribution of TFD_BW_03_Mean is the same across categories of giftedness.	Independent-Samples Mann-Whitney U Test	,148	Retain the null hypothesis.
15	The medians of TFD_PIC_03_Mean are the same across categories of giftedness.	Independent-Samples Median Test	,537	Retain the null hypothesis.
16	The distribution of TFD_PIC_03_Mean is the same across categories of giftedness.	Independent-Samples Mann-Whitney U Test	,399	Retain the null hypothesis.
17	The medians of TFD_BW_04_Mean are the same across categories of giftedness.	Independent-Samples Median Test	,537	Retain the null hypothesis.
18	The distribution of TFD_BW_04_Mean is the same across categories of giftedness.	Independent-Samples Mann-Whitney U Test	,178	Retain the null hypothesis.
19	The medians of TFD_PIC_04_Mean are the same across categories of giftedness.	Independent-Samples Median Test	,537	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 TFD_PIC_04_Mean is the same across categories of giftedness.	Independent-Samples Mann-Whitney U Test	,359	Retain the null hypothesis.
21	The medians of TFD_BW_05_Mean are the same across categories of giftedness.	Independent-Samples Median Test	,537	Retain the null hypothesis.
22	The distribution of TFD_BW_05_Mean is the same across categories of giftedness.	Independent-Samples Mann-Whitney U Test	,753	Retain the null hypothesis.
23	The medians of TFD_PIC_05_Mean are the same across categories of giftedness.	Independent-Samples Median Test	1,000	Retain the null hypothesis.
24	The distribution of TFD_PIC_05_Mean is the same across categories of giftedness.	Independent-Samples Mann-Whitney U Test	,563	Retain the null hypothesis.
25	The medians of TFD_BW_06_Mean are the same across categories of giftedness.	Independent-Samples Median Test	,064	Retain the null hypothesis.
26	The distribution of TFD_BW_06_Mean is the same across categories of giftedness.	Independent-Samples Mann-Whitney U Test	,385	Retain the null hypothesis.
27	The medians of TFD_PIC_06_Mean are the same across categories of giftedness.	Independent-Samples Median Test	,642	Retain the null hypothesis.
28	The distribution of TFD_PIC_06_Mean is the same across categories of giftedness.	Independent-Samples Mann-Whitney U Test	,715	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 TFD_BW_07_Mean are the same across categories of giftedness.	Independent-Samples Median Test	,642	Retain the null hypothesis.
30	The distribution of TFD_BW_07_Mean is the same across categories of giftedness.	Independent-Samples Mann-Whitney U Test	,657	Retain the null hypothesis.
31	The medians of TFD_PIC_07_Mean are the same across categories of giftedness.	Independent-Samples Median Test	1,000	Retain the null hypothesis.
32	The distribution of TFD_PIC_07_Mean is the same across categories of giftedness.	Independent-Samples Mann-Whitney U Test	,970	Retain the null hypothesis.
33	The medians of TFD_BW_08_Mean are the same across categories of giftedness.	Independent-Samples Median Test	1,000	Retain the null hypothesis.
34	The distribution of TFD_BW_08_Mean is the same across categories of giftedness.	Independent-Samples Mann-Whitney U Test	,589	Retain the null hypothesis.
35	The medians of TFD_PIC_08_Mean are the same across categories of giftedness.	Independent-Samples Median Test	1,000	Retain the null hypothesis.
36	The distribution of TFD_PIC_08_Mean is the same across categories of giftedness.	Independent-Samples Mann-Whitney U Test	,970	Retain the null hypothesis.
37	The medians of TFD_BW_09_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
38	The distribution of TFD_BW_09_Mean is the same across categories of giftedness.	Independent-Samples Mann-Whitney U Test	,589	Retain the null hypothesis.
39	The medians of TFD_PIC_09_Mean are the same across categories of giftedness.	Independent-Samples Median Test	,873	Retain the null hypothesis.
40	The distribution of TFD_PIC_09_Mean is the same across categories of giftedness.	Independent-Samples Mann-Whitney U Test	,865	Retain the null hypothesis.
41	The medians of TFD_BW_10_Mean are the same across categories of giftedness.	Independent-Samples Median Test	,276	Retain the null hypothesis.
42	The distribution of TFD_BW_10_Mean is the same across categories of giftedness.	Independent-Samples Mann-Whitney U Test	,018	Reject the null hypothesis.
43	The medians of TFD_PIC_10_Mean are the same across categories of giftedness.	Independent-Samples Median Test	,537	Retain the null hypothesis.
44	The distribution of TFD_PIC_10_Mean is the same across categories of giftedness.	Independent-Samples Mann-Whitney U Test	,489	Retain the null hypothesis.
45	The medians of TFD_BW_11_Mean are the same across categories of giftedness.	Independent-Samples Median Test	1,000	Retain the null hypothesis.
46	The distribution of TFD_BW_11_Mean is the same across categories of giftedness.	Independent-Samples Mann-Whitney U Test	,850	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 TFD_PIC_11_Mean are the same across categories of giftedness.	Independent-Samples Median Test	1,000	Retain the null hypothesis.
48	The distribution of TFD_PIC_11_Mean is the same across categories of giftedness.	Independent-Samples Mann-Whitney U Test	,521	Retain the null hypothesis.
49	The medians of TFD_BW_12_Mean are the same across categories of giftedness.	Independent-Samples Median Test	,217	Retain the null hypothesis.
50	The distribution of TFD_BW_12_Mean is the same across categories of giftedness.	Independent-Samples Mann-Whitney U Test	,170	Retain the null hypothesis.
51	The medians of TFD_PIC_12_Mean are the same across categories of giftedness.	Independent-Samples Median Test	,537	Retain the null hypothesis.
52	The distribution of TFD_PIC_12_Mean is the same across categories of giftedness.	Independent-Samples Mann-Whitney U Test	,624	Retain the null hypothesis.

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