

```
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.
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```
NPTESTS
```

```
  /INDEPENDENT TEST
```

```
(FC_BW_zacvik_Mean
```

```
FC_PIC_zacvik_Mean
```

```
FC_BW_01_Mean
```

```
FC_PIC_01_Mean
```

```
FC_BW_02_Mean
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```
FC_PIC_02_Mean
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```
FC_BW_03_Mean
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```
FC_PIC_03_Mean
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```
FC_BW_04_Mean
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```
FC_PIC_04_Mean
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```
FC_BW_05_Mean
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```
FC_PIC_05_Mean
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```
FC_BW_06_Mean
```

```
FC_PIC_06_Mean
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```
FC_BW_07_Mean
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```
FC_PIC_07_Mean
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```
FC_BW_08_Mean
```

```
FC_PIC_08_Mean
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```
FC_BW_09_Mean
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```
FC_PIC_09_Mean
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```
FC_BW_10_Mean
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```
FC_PIC_10_Mean
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```
FC_BW_11_Mean
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```
FC_PIC_11_Mean
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```
FC_BW_12_Mean
```

```
FC_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 11:47:17
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 (FC_BW_zacvik_Mean FC_PIC_zacvik_Mean FC_BW_01_Mean FC_PIC_01_Mean FC_BW_02_Mean FC_PIC_02_Mean FC_BW_03_Mean FC_PIC_03_Mean FC_BW_04_Mean FC_PIC_04_Mean FC_BW_05_Mean FC_PIC_05_Mean FC_BW_06_Mean FC_PIC_06_Mean FC_BW_07_Mean FC_PIC_07_Mean FC_BW_08_Mean FC_PIC_08_Mean FC_BW_09_Mean FC_PIC_09_Mean FC_BW_10_Mean FC_PIC_10_Mean FC_BW_11_Mean FC_PIC_11_Mean FC_BW_12_Mean FC_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	00:00:00,22

Hypothesis Test Summary

	Null Hypothesis	Test	Sig.	Decision
1	The medians of FC_BW_zacvik_Mean are the same across categories of giftedness.	Independent-Samples Median Test	,757	Retain the null hypothesis.
2	The distribution of FC_BW_zacvik_Mean is the same across categories of giftedness.	Independent-Samples Mann-Whitney U Test	,880	Retain the null hypothesis.
3	The medians of FC_PIC_zacvik_Mean are the same across categories of giftedness.	Independent-Samples Median Test	,537	Retain the null hypothesis.
4	The distribution of FC_PIC_zacvik_Mean is the same across categories of giftedness.	Independent-Samples Mann-Whitney U Test	,696	Retain the null hypothesis.
5	The medians of FC_BW_01_Mean are the same across categories of giftedness.	Independent-Samples Median Test	,642	Retain the null hypothesis.
6	The distribution of FC_BW_01_Mean is the same across categories of giftedness.	Independent-Samples Mann-Whitney U Test	,179	Retain the null hypothesis.
7	The medians of FC_PIC_01_Mean are the same across categories of giftedness.	Independent-Samples Median Test	,537	Retain the null hypothesis.
8	The distribution of FC_PIC_01_Mean is the same across categories of giftedness.	Independent-Samples Mann-Whitney U Test	,830	Retain the null hypothesis.
9	The medians of FC_BW_02_Mean are the same across categories of giftedness.	Independent-Samples Median Test	,350	Retain the null hypothesis.
10	The distribution of FC_BW_02_Mean is the same across categories of giftedness.	Independent-Samples Mann-Whitney U Test	,830	Retain the null hypothesis.
11	The medians of FC_PIC_02_Mean are the same across categories of giftedness.	Independent-Samples Median Test	,757	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 FC_PIC_02_Mean is the same across categories of giftedness.	Independent-Samples Mann-Whitney U Test	,980	Retain the null hypothesis.
13	The medians of FC_BW_03_Mean are the same across categories of giftedness.	Independent-Samples Median Test	,122	Retain the null hypothesis.
14	The distribution of FC_BW_03_Mean is the same across categories of giftedness.	Independent-Samples Mann-Whitney U Test	,140	Retain the null hypothesis.
15	The medians of FC_PIC_03_Mean are the same across categories of giftedness.	Independent-Samples Median Test	,354	Retain the null hypothesis.
16	The distribution of FC_PIC_03_Mean is the same across categories of giftedness.	Independent-Samples Mann-Whitney U Test	,169	Retain the null hypothesis.
17	The medians of FC_BW_04_Mean are the same across categories of giftedness.	Independent-Samples Median Test	,537	Retain the null hypothesis.
18	The distribution of FC_BW_04_Mean is the same across categories of giftedness.	Independent-Samples Mann-Whitney U Test	,529	Retain the null hypothesis.
19	The medians of FC_PIC_04_Mean are the same across categories of giftedness.	Independent-Samples Median Test	,354	Retain the null hypothesis.
20	The distribution of FC_PIC_04_Mean is the same across categories of giftedness.	Independent-Samples Mann-Whitney U Test	,411	Retain the null hypothesis.
21	The medians of FC_BW_05_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
22	The distribution of FC_BW_05_Mean is the same across categories of giftedness.	Independent-Samples Mann-Whitney U Test	,880	Retain the null hypothesis.
23	The medians of FC_PIC_05_Mean are the same across categories of giftedness.	Independent-Samples Median Test	,530	Retain the null hypothesis.
24	The distribution of FC_PIC_05_Mean is the same across categories of giftedness.	Independent-Samples Mann-Whitney U Test	,185	Retain the null hypothesis.
25	The medians of FC_BW_06_Mean are the same across categories of giftedness.	Independent-Samples Median Test	1,000	Retain the null hypothesis.
26	The distribution of FC_BW_06_Mean is the same across categories of giftedness.	Independent-Samples Mann-Whitney U Test	,781	Retain the null hypothesis.
27	The medians of FC_PIC_06_Mean are the same across categories of giftedness.	Independent-Samples Median Test	,860	Retain the null hypothesis.
28	The distribution of FC_PIC_06_Mean is the same across categories of giftedness.	Independent-Samples Mann-Whitney U Test	,734	Retain the null hypothesis.
29	The medians of FC_BW_07_Mean are the same across categories of giftedness.	Independent-Samples Median Test	,651	Retain the null hypothesis.
30	The distribution of FC_BW_07_Mean is the same across categories of giftedness.	Independent-Samples Mann-Whitney U Test	,638	Retain the null hypothesis.
31	The medians of FC_PIC_07_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
32	The distribution of FC_PIC_07_Mean is the same across categories of giftedness.	Independent-Samples Mann-Whitney U Test	,772	Retain the null hypothesis.
33	The medians of FC_BW_08_Mean are the same across categories of giftedness.	Independent-Samples Median Test	1,000	Retain the null hypothesis.
34	The distribution of FC_BW_08_Mean is the same across categories of giftedness.	Independent-Samples Mann-Whitney U Test	,659	Retain the null hypothesis.
35	The medians of FC_PIC_08_Mean are the same across categories of giftedness.	Independent-Samples Median Test	1,000	Retain the null hypothesis.
36	The distribution of FC_PIC_08_Mean is the same across categories of giftedness.	Independent-Samples Mann-Whitney U Test	,677	Retain the null hypothesis.
37	The medians of FC_BW_09_Mean are the same across categories of giftedness.	Independent-Samples Median Test	,757	Retain the null hypothesis.
38	The distribution of FC_BW_09_Mean is the same across categories of giftedness.	Independent-Samples Mann-Whitney U Test	,687	Retain the null hypothesis.
39	The medians of FC_PIC_09_Mean are the same across categories of giftedness.	Independent-Samples Median Test	,268	Retain the null hypothesis.
40	The distribution of FC_PIC_09_Mean is the same across categories of giftedness.	Independent-Samples Mann-Whitney U Test	,224	Retain the null hypothesis.
41	The medians of FC_BW_10_Mean are the same across categories of giftedness.	Independent-Samples Median Test	,086	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 FC_BW_10_Mean is the same across categories of giftedness.	Independent-Samples Mann-Whitney U Test	,055	Retain the null hypothesis.
43	The medians of FC_PIC_10_Mean are the same across categories of giftedness.	Independent-Samples Median Test	,354	Retain the null hypothesis.
44	The distribution of FC_PIC_10_Mean is the same across categories of giftedness.	Independent-Samples Mann-Whitney U Test	,217	Retain the null hypothesis.
45	The medians of FC_BW_11_Mean are the same across categories of giftedness.	Independent-Samples Median Test	,757	Retain the null hypothesis.
46	The distribution of FC_BW_11_Mean is the same across categories of giftedness.	Independent-Samples Mann-Whitney U Test	,880	Retain the null hypothesis.
47	The medians of FC_PIC_11_Mean are the same across categories of giftedness.	Independent-Samples Median Test	,757	Retain the null hypothesis.
48	The distribution of FC_PIC_11_Mean is the same across categories of giftedness.	Independent-Samples Mann-Whitney U Test	,622	Retain the null hypothesis.
49	The medians of FC_BW_12_Mean are the same across categories of giftedness.	Independent-Samples Median Test	,537	Retain the null hypothesis.
50	The distribution of FC_BW_12_Mean is the same across categories of giftedness.	Independent-Samples Mann-Whitney U Test	,371	Retain the null hypothesis.

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

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Hypothesis Test Summary

	Null Hypothesis	Test	Sig.	Decision
51	The medians of FC_PIC_12_Mean are the same across categories of giftedness.	Independent-Samples Median Test	,757	Retain the null hypothesis.
52	The distribution of FC_PIC_12_Mean is the same across categories of giftedness.	Independent-Samples Mann-Whitney U Test	,351	Retain the null hypothesis.

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