

SPLIT FILE OFF.

*Nonparametric Tests: Independent Samples.

NPTESTS

/INDEPENDENT TEST

(

VC_BW_04.jpeg_AOI_BW0499901_Mean

VC_BW_04.jpeg_AOI_BW0499902_Mean

VC_BW_04.jpeg_AOI_BW0499903_Mean

VC_BW_04.jpeg_BW_04_Mean

VC_BW_04.jpeg_DISTR_BW04_03_Mean

VC_BW_04.jpeg_DISTR_BW0499901_Mean

VC_BW_04.jpeg_DISTR_BW0499902_Mean

VC_BW_09.jpeg_AOI_BW0999901_Mean

VC_BW_09.jpeg_AOI_BW0999903_Mean

VC_BW_09.jpeg_AOI999BW0999902_Mean

VC_BW_09.jpeg_BW_09_Mean

VC_BW_09.jpeg_DISTR_BW0999902_Mean

VC_PIC_12_AOI_PIC12_Mean

VC_PIC_12_DISTR_PIC1299901_Mean

VC_PIC_12_DISTR_PIC1299902_Mean

VC_PIC_12_PIC_12_Mean

VC_PIC_10_AOI_PIC10_Mean

VC_PIC_10_DISTR_PIC1099901_Mean

VC_PIC_10_DISTR_PIC1099902_Mean

VC_PIC_10_DISTR_PIC1099903_Mean

VC_PIC_10_PIC_10_Mean

)

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 13:47:01 |
| Comments | | |
| Input | Data | C: \Users\petrija2\Dropbox\11 1_CEPEV_UHK\Projekty- pro-CEPEV\Projekt Honzíčková\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 (VC_BW_04. jpeg_AOI_BW0499901_M ean VC_BW_04. jpeg_AOI_BW0499902_M ean VC_BW_04. jpeg_AOI_BW0499903_M ean VC_BW_04. jpeg_BW_04_Mean VC_BW_04. jpeg_DISTR_BW04_03_M ean VC_BW_04. jpeg_DISTR_BW0499901 _Mean VC_BW_04. jpeg_DISTR_BW0499902 _Mean VC_BW_09. jpeg_AOI_BW0999901_M ean VC_BW_09. jpeg_AOI_BW0999903_M ean VC_BW_09. jpeg_AOI999BW0999902_ Mean VC_BW_09. jpeg_BW_09_Mean VC_BW_09. jpeg_DISTR_BW0999902 _Mean VC_PIC_12_AOI_PIC12_ Mean VC_PIC_12_DISTR_PIC1 299901_Mean VC_PIC_12_DISTR_PIC1 299902_Mean VC_PIC_12_PIC_12_Mea n VC_PIC_10_AOI_PIC10_ Mean VC_PIC_10_DISTR_PIC1 099901_Mean VC_PIC_10_DISTR_PIC1 099902_Mean VC_PIC_10_DISTR_PIC1 099903_Mean VC_PIC_10_PIC_10_Mea n) GROUP (giftedness) MANN-WHITNEY |
|--------|---|

Notes

| | | |
|-----------|----------------|-------------|
| Resources | Processor Time | 00:00:00,20 |
| | Elapsed Time | 00:00:00,20 |

Hypothesis Test Summary

| | Null Hypothesis | Test | Sig. | Decision |
|----|---|---|---------------------|-----------------------------|
| 1 | The medians of VC_BW_04.jpeg_AOI_BW0499901_Mean are the same across categories of giftedness. | Independent-Samples Median Test | ,443 | Retain the null hypothesis. |
| 2 | The distribution of VC_BW_04.jpeg_AOI_BW0499901_Mean is the same across categories of giftedness. | Independent-Samples Mann-Whitney U Test | ,644 | Retain the null hypothesis. |
| 3 | The medians of VC_BW_04.jpeg_AOI_BW0499902_Mean are the same across categories of giftedness. | Independent-Samples Median Test | ,448 | Retain the null hypothesis. |
| 4 | The distribution of VC_BW_04.jpeg_AOI_BW0499902_Mean is the same across categories of giftedness. | Independent-Samples Mann-Whitney U Test | ,009 | Reject the null hypothesis. |
| 5 | The medians of VC_BW_04.jpeg_AOI_BW0499903_Mean are the same across categories of giftedness. | Independent-Samples Median Test | ,717 | Retain the null hypothesis. |
| 6 | The distribution of VC_BW_04.jpeg_AOI_BW0499903_Mean is the same across categories of giftedness. | Independent-Samples Mann-Whitney U Test | ,959 | Retain the null hypothesis. |
| 7 | The medians of VC_BW_04.jpeg_BW_04_Mean are the same across categories of giftedness. | Independent-Samples Median Test | 1,000 | Retain the null hypothesis. |
| 8 | The distribution of VC_BW_04.jpeg_BW_04_Mean is the same across categories of giftedness. | Independent-Samples Mann-Whitney U Test | ,771 | Retain the null hypothesis. |
| 9 | The medians of VC_BW_04.jpeg_DISTR_BW04_03_Mean are the same across categories of giftedness. | Independent-Samples Median Test | ,300 ^{1,2} | Retain the null hypothesis. |
| 10 | The distribution of VC_BW_04.jpeg_DISTR_BW04_03_Mean is the same across categories of giftedness. | Independent-Samples Mann-Whitney U Test | ,392 ¹ | Retain the null hypothesis. |

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

¹ Exact significance is displayed for this test.

² Fisher Exact Sig.

Hypothesis Test Summary

| | Null Hypothesis | Test | Sig. | Decision |
|----|---|---|---------------------|-----------------------------------|
| 11 | The medians of VC_BW_04. jpeg_DISTR_BW0499901_Mean are the same across categories of giftedness. | Independent- Samples Median Test | ,286 ^{1,2} | Retain the null hypothesis. |
| 12 | The distribution of VC_BW_04. jpeg_DISTR_BW0499901_Mean is the same across categories of giftedness. | Independent- Samples Mann- Whitney U Test | ,539 ¹ | Retain the null hypothesis. |
| 13 | The medians of VC_BW_04. jpeg_DISTR_BW0499902_Mean are the same across categories of giftedness. | Independent- Samples Median Test | . | Unable to compute. |
| 14 | The distribution of VC_BW_04. jpeg_DISTR_BW0499902_Mean is the same across categories of giftedness. | Independent- Samples Mann- Whitney U Test | 1,000 ¹ | Retain the null hypothesis. |
| 15 | The medians of VC_BW_09. jpeg_AOI_BW0999901_Mean are the same across categories of giftedness. | Independent- Samples Median Test | ,502 | Retain the null hypothesis. |
| 16 | The distribution of VC_BW_09. jpeg_AOI_BW0999901_Mean is the same across categories of giftedness. | Independent- Samples Mann- Whitney U Test | ,856 | Retain the null hypothesis. |
| 17 | The medians of VC_BW_09. jpeg_AOI_BW0999903_Mean are the same across categories of giftedness. | Independent- Samples Median Test | ,140 | Retain the null hypothesis. |
| 18 | The distribution of VC_BW_09. jpeg_AOI_BW0999903_Mean is the same across categories of giftedness. | Independent- Samples Mann- Whitney U Test | ,241 ¹ | Retain the null hypothesis. |

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

¹ Exact significance is displayed for this test.

² Fisher Exact Sig.

(continued)

Hypothesis Test Summary

| | Null Hypothesis | Test | Sig. | Decision |
|----|---|---|---------------------|-----------------------------|
| 19 | The medians of VC_BW_09.jpeg_AOI999BW0999902_Mean are the same across categories of giftedness. | Independent-Samples Median Test | ,089 ^{1,2} | Retain the null hypothesis. |
| 20 | The distribution of VC_BW_09.jpeg_AOI999BW0999902_Mean is the same across categories of giftedness. | Independent-Samples Mann-Whitney U Test | ,055 ¹ | Retain the null hypothesis. |
| 21 | The medians of VC_BW_09.jpeg_BW_09_Mean are the same across categories of giftedness. | Independent-Samples Median Test | ,599 | Retain the null hypothesis. |
| 22 | The distribution of VC_BW_09.jpeg_BW_09_Mean is the same across categories of giftedness. | Independent-Samples Mann-Whitney U Test | ,288 | Retain the null hypothesis. |
| 23 | The medians of VC_BW_09.jpeg_DISTR_BW0999902_Mean are the same across categories of giftedness. | Independent-Samples Median Test | ,022 | Reject the null hypothesis. |
| 24 | The distribution of VC_BW_09.jpeg_DISTR_BW0999902_Mean is the same across categories of giftedness. | Independent-Samples Mann-Whitney U Test | ,080 | Retain the null hypothesis. |
| 25 | The medians of VC_PIC_12_AOI_PIC12_Mean are the same across categories of giftedness. | Independent-Samples Median Test | ,452 | Retain the null hypothesis. |
| 26 | The distribution of VC_PIC_12_AOI_PIC12_Mean is the same across categories of giftedness. | Independent-Samples Mann-Whitney U Test | ,428 | Retain the null hypothesis. |

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

¹ Exact significance is displayed for this test.

² Fisher Exact Sig.

(continued)

Hypothesis Test Summary

| | Null Hypothesis | Test | Sig. | Decision |
|----|--|---|----------------------|-----------------------------|
| 27 | The medians of VC_PIC_12_DISTR_PIC1299901_Mean are the same across categories of giftedness. | Independent-Samples Median Test | . | Unable to compute. |
| 28 | The distribution of VC_PIC_12_DISTR_PIC1299901_Mean is the same across categories of giftedness. | Independent-Samples Mann-Whitney U Test | 1,000 ¹ | Retain the null hypothesis. |
| 29 | The medians of VC_PIC_12_DISTR_PIC1299902_Mean are the same across categories of giftedness. | Independent-Samples Median Test | 1,000 ^{1,2} | Retain the null hypothesis. |
| 30 | The distribution of VC_PIC_12_DISTR_PIC1299902_Mean is the same across categories of giftedness. | Independent-Samples Mann-Whitney U Test | 1,000 ¹ | Retain the null hypothesis. |
| 31 | The medians of VC_PIC_12_PIC_12_Mean are the same across categories of giftedness. | Independent-Samples Median Test | ,659 | Retain the null hypothesis. |
| 32 | The distribution of VC_PIC_12_PIC_12_Mean is the same across categories of giftedness. | Independent-Samples Mann-Whitney U Test | ,408 | Retain the null hypothesis. |
| 33 | The medians of VC_PIC_10_AOI_PIC10_Mean are the same across categories of giftedness. | Independent-Samples Median Test | ,659 | Retain the null hypothesis. |
| 34 | The distribution of VC_PIC_10_AOI_PIC10_Mean is the same across categories of giftedness. | Independent-Samples Mann-Whitney U Test | ,108 | Retain the null hypothesis. |

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

¹ Exact significance is displayed for this test.

² Fisher Exact Sig.

(continued)

Hypothesis Test Summary

| | Null Hypothesis | Test | Sig. | Decision |
|----|--|---|----------------------|-----------------------------|
| 35 | The medians of VC_PIC_10_DISTR_PIC1099901_Mean are the same across categories of giftedness. | Independent-Samples Median Test | 1,000 ^{1,2} | Retain the null hypothesis. |
| 36 | The distribution of VC_PIC_10_DISTR_PIC1099901_Mean is the same across categories of giftedness. | Independent-Samples Mann-Whitney U Test | 1,000 ¹ | Retain the null hypothesis. |
| 37 | The medians of VC_PIC_10_DISTR_PIC1099902_Mean are the same across categories of giftedness. | Independent-Samples Median Test | ,205 ^{1,2} | Retain the null hypothesis. |
| 38 | The distribution of VC_PIC_10_DISTR_PIC1099902_Mean is the same across categories of giftedness. | Independent-Samples Mann-Whitney U Test | ,268 ¹ | Retain the null hypothesis. |
| 39 | The medians of VC_PIC_10_DISTR_PIC1099903_Mean are the same across categories of giftedness. | Independent-Samples Median Test | 1,000 ^{1,2} | Retain the null hypothesis. |
| 40 | The distribution of VC_PIC_10_DISTR_PIC1099903_Mean is the same across categories of giftedness. | Independent-Samples Mann-Whitney U Test | ,730 ¹ | Retain the null hypothesis. |
| 41 | The medians of VC_PIC_10_PIC_10_Mean are the same across categories of giftedness. | Independent-Samples Median Test | ,452 | Retain the null hypothesis. |
| 42 | The distribution of VC_PIC_10_PIC_10_Mean is the same across categories of giftedness. | Independent-Samples Mann-Whitney U Test | ,268 | Retain the null hypothesis. |

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

¹ Exact significance is displayed for this test.

² Fisher Exact Sig.