Mantel test results

Results generated from mantel test with 10 words network (5 - 5 Top words)

Mantel-Test for Law and Non-Law datasets (4 articles)

|  |  |  |  |
| --- | --- | --- | --- |
| Mantel-Test | r | p-value | z-score |
| Article level | 0.45342 | 0.0127 | 2.935799 |
| 2-3 Paragraphs | -0.21510 | 0.714285 | -0.68497 |
| Paragraph level | -0.29385 | 0.878 | -1.220183 |

Mantel test for science – psychology (40 articles)

|  |  |  |  |
| --- | --- | --- | --- |
| Mantel-Test | r | p-value | z-score |
| Article level | -0.10233 | 0.6703 | -0.45536 |
| 2-3 Paragraphs | -0.16750 | 0.8881 | -1.14848 |
| Paragraph level | -0.29198 | 0.9005 | -1.29744 |

Mantel test for science – psychology (10 articles)

|  |  |  |  |
| --- | --- | --- | --- |
| Mantel-Test | r | p-value | z-score |
| Article level | -0.31881 | 0.87864 | -1.20322 |
| 2-3 Paragraphs | -0.12443 | 0.6625 | -0.527201 |
| Paragraph level | -0.32813 | 0.8417 | -1.00066 |

Mantel test for science – non-science (10 articles)

|  |  |  |  |
| --- | --- | --- | --- |
| Mantel-Test | r | p-value | z-score |
| Article level | 0.16347 | 0.3104 | 0.5929 |
| 2-3 Paragraphs | -0.2556 | 1.0 | -1.1348 |
| Paragraph level | -0.04745 | 0.5642 | -0.17695 |

Results generated from mantel test with 20-word network (10 - 10 top words)

Mantel-Test for Law and Non-Law datasets (4 articles)

|  |  |  |  |
| --- | --- | --- | --- |
| Mantel-Test | r | p-value | z-score |
| Article level | 0.12178 | 0.1489 | 1.06275 |
| 2-3 Paragraphs | 0.06725 | 0.3282 | 0.40405 |
| Paragraph level | -0.31741 | 0.9493 | -1.71181 |

Mantel test for science – psychology (40 articles)

|  |  |  |  |
| --- | --- | --- | --- |
| Mantel-Test | r | p-value | z-score |
| Article level | -0.40041 | 0.8811 | -1.21426 |
| 2-3 Paragraphs | -0.12443 | 0.6547 | -0.52135 |
| Paragraph level | -0.35870 | 0.8187 | -1.06277 |

Mantel test for science – psychology (10 articles)

|  |  |  |  |
| --- | --- | --- | --- |
| Mantel-Test | r | p-value | z-score |
| Article level | -0.45208 | 0.99278 | -2.32042 |
| 2-3 Paragraphs | -0.16750 | 0.88753 | -1.14787 |
| Paragraph level | -0.07063 | 0.61801 | -0.32868 |

Mantel test for science – non-science (10 articles)

|  |  |  |  |
| --- | --- | --- | --- |
| Mantel-Test | r | p-value | z-score |
| Article level | 0.04487 | 0.41258 | 0.23801 |
| 2-3 Paragraphs | -0.18476 | 1.0 | -1.38925 |
| Paragraph level | -0.08575 | 0.66072 | -0.46896 |

Mantel test



