|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Dunn's multiple comparisons test | Mean rank diff. | Significant? | Summary | Adjusted P Value |
| LZ\_WT vs. MP\_WT | -49.32 | Yes | \*\*\*\* | <0.0001 |
| LZ\_WT vs. LZ\_*syp-4(S269A)* | 22.23 | No | ns | 0.5467 |
| LZ\_WT vs. LZ\_*syp-4(S269D)* | 54.92 | Yes | \*\*\*\* | <0.0001 |
| LZ\_*syp-4(S269A)* vs. LZ\_*syp-4(S269D)* | -32.7 | No | ns | 0.0670 |
| MP\_WT vs. MP\_*syp-4(S269A)* | -57.05 | Yes | \*\*\*\* | <0.0001 |
| MP\_WT vs. MP\_*syp-4(S269D)* | 24.39 | No | ns | 0.6209 |
| MP\_WT vs. LZ\_*syp-4(S269A)* | -27.1 | No | ns | 0.2770 |
| MP\_WT vs. LZ\_*syp-4(S269D)* | 5.6 | No | ns | >0.9999 |
| MP\_*syp-4(S269A)* vs. MP\_*syp-4(S269D)* | -81.44 | Yes | \*\*\*\* | <0.0001 |
| MP\_*syp-4(S269A)* vs. LZ\_WT | 7.729 | No | ns | >0.9999 |
| MP\_*syp-4(S269A)* vs. LZ\_*syp-4(S269D)* | 62.65 | Yes | \*\*\*\* | <0.0001 |
| MP\_*syp-4(S269A)* vs. LZ\_*syp-4(S269A)* | 29.95 | No | ns | 0.1379 |
| MP\_*syp-4(S269D)* vs. LZ\_WT | -73.71 | Yes | \*\*\*\* | <0.0001 |
| MP\_*syp-4(S269D)* vs. LZ\_*syp-4(S269D)* | -18.79 | No | ns | >0.9999 |
| MP\_*syp-4(S269D)* vs. LZ\_*syp-4(S269A)* | -51.48 | Yes | \*\*\* | 0.0002 |