Figure 2-9 | 1-way ANOVA corresponding to comparison of shaft intensity across regions/layers with Sidak’s multiple comparisons test (Fig. 2-1b)

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| ANOVA table | SS | DF | MS | F (DFn, DFd) | P value |
|  Treatment (between columns) | 315439 | 2 | 157719 | F (2, 282) = 5.673 | P=0.0038 |
|  Residual (within columns) | 7840341 | 282 | 27803 |  |  |
|  Total | 8155779 | 284 |  |  |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sidak's multiple comparisons test | Mean Diff. | 95.00% CI of diff. | Summary | Adjusted P Value |
|  L5V vs. L5M | -35.24 | -91.77 to 21.30 | ns | 0.3539 |
|  L5V vs. L2/3V | -82.37 | -141.1 to -23.62 | \*\* | 0.0026 |
|  L5M vs. L2/3V | -47.13 | -106.8 to 12.56 | ns | 0.1665 |