Figure 2-8 | 1-way ANOVA corresponding to comparison of spine intensity across regions/layers with Sidak’s multiple comparisons test (Fig. 2-1a)

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| ANOVA table | SS | DF | MS | F (DFn, DFd) | P value |
|  Treatment (between columns) | 768984 | 2 | 384492 | F (2, 282) = 13.70 | P<0.0001 |
|  Residual (within columns) | 7912773 | 282 | 28059 |  |  |
|  Total | 8681757 | 284 |  |  |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sidak's multiple comparisons test | Mean Diff. | 95.00% CI of diff. | Summary | Adjusted P Value |
|  L5V vs. L5M | 96.85 | 40.05 to 153.6 | \*\*\* | 0.0002 |
|  L5V vs. L2/3V | -24.22 | -83.24 to 34.81 | ns | 0.6927 |
|  L5M vs. L2/3V | -121.1 | -181.0 to -61.09 | \*\*\*\* | <0.0001 |