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| --- | --- | --- | --- | --- | --- |
| **Statistical Comparisons**  **for Figure 2** | | | **Comparison** | **Result** | |
| **Panel** | **Description** | **Test** | **p value** | **n value** |
| **2C** | Correlation  visual responses and normalized amplitude | *Spearman’s correlation* | Visual responses (%) vs normalized Δ in amplitude at 48 hours (run on bin average)  r = -0.951 | p < 0.001 | Deprived =  426 spines  16 dendritic branches |
| **2F** | Probability of locally clustered spine-types  Actual vs Shuffled | *One-Way ANOVA* | Actual vs Shuffled | p = 0.159 |

**Figure 2-source data 1.** Statistical comparisons for Figure 2.