**S6 Table. Effect of zinc on labeling intensity for CaMKII**

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| --- | --- | --- | --- | --- |
|  | **1. Control** | **2. Zinc** | **3. NMDA** | **4. Zinc+NMDA** |
| Exp 1 | 32.3 ± 3.2 (38) | 31.1 ± 2.5 (42) N. S. vs. 1 | 69.4 ± 3.6 (45) | 68.3 ± 3.5 (48) |
|  | N. S. vs. 3 |
| Exp 2 | 32.8 ± 1.9 (49) | 26.8 ± 1.6 (57) N. S. vs. 1 | 66.9 ± 3.8 (64) | 70.6 ± 3.1 (76) N. S. vs. 3 |
| **Combined Mean ± SEM** | **100%** | **89 ± 7%** | **210 ± 6%** | **213 ± 2%** |

Labeling intensity values are mean ± SEM expressed as number of labels /µm PSD. (n = number of synapses). One-way ANOVA with Tukey’s post test: N. S. (not significant).

Combined values in bottom row are means of all experiments normalized to control.