**Figure 7 – source data 1. Statistical comparisons related to Figure 7 figure supplement 1.**

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| --- | --- | --- | --- |
| Measurement | Conditions | Factors | 2-way ANOVA p-values |
| amplitude | EPSC amplitude +/- CCh  (n = 13) | treatment | 0.00171693 |
| pulse # | 0.00286193 |
| treatment x pulse # | 0.0521822 |
| IPSC amplitude +/- CCh  (n = 13) | treatment | 0.413564 |
| pulse # | 0.0247487 |
| treatment x pulse # | 0.316489 |
| PSC amplitude in ACSF  (n = 13) | holding level | 0.0121691 |
| pulse # | 0.0115431 |
| holding level x pulse # | 0.391097 |
| PSC amplitude in CCh  (n = 13) | holding level | 2.85112E-11 |
| pulse # | 0.189593 |
| holding level x pulse # | 0.55014 |
| Pn/P1 ratio | EPSC Pn/P1 ratio +/- CCh  (n = 13) | treatment | 1.05342E-10 |
| pulse # | 9.99201E-16 |
| treatment x pulse # | 0.0110396 |
| IPSC Pn/P1 ratio +/- CCh  (n = 13) | treatment | 0.000184435 |
| pulse # | 0.00209369 |
| treatment x pulse # | 0.297716 |
| PSC Pn/P1 ratio in ACSF  (n = 13) | holding level | 0.325751 |
| pulse # | 2.08101E-08 |
| holding level x pulse # | 0.941122 |
| PSC Pn/P1 ratio in CCh  (n = 13) | holding level | 0.0948351 |
| pulse # | 3.07005E-05 |
| holding level x pulse # | 0.889375 |
| E/I ratio | PSC E/I ratio +/- CCh  (n = 13) | treatment | 7.61696E-06 |
| pulse # | 0.99245 |
| treatment x pulse # | 0.982047 |