**SUPPLEMENTARY STATSTICS SUMMARY**

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| **Figure** | **Descriptors** | **n** | **Test used** | **Statistic** | **p-value** |
| S2 - 1f | With direct inhibition  Amplitude (pA)  Baseline  +NBQX  +GZ | 4 | Repeated-measures ANOVA  *(log transformed data)*  Tukey post hoc test  *Baseline vs NBQX*  *Baseline vs GZ*  *NBQX vs GZ* | F(2,6) = 7.9  t(3) = 0.7  t(3) = 4.7  t(3) = 3.5 | 0.02  0.7  0.001  0.002 |
| S2 - 1f | No direct inhibition  Amplitude (pA)  Baseline  +NBQX  +GZ | 8 | Repeated-measures ANOVA  *(log transformed data)*  Tukey post hoc test  *Baseline vs NBQX*  *Baseline vs GZ*  *NBQX vs GZ* | F(2,14) = 84.7  t(7) = 12.1  t(7) = 12.7  t(7) = 0.53 | 1.5 x10-8  0.001  0.001  0.84 |
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| S7 - 1b | Pre vs post SalB | vH-BA = 3  vH-NAc = 7 | Mixed ANOVA  Effect of group  Effect of drug  Interaction | F(1,8) = 0.29  F(1,8) = 13.8  F(1,8) = 0.35 | 0.6  0.007  0.57 |
| S7 - 1c | Pre vs post SalB | vH-BA = 2  vH-NAc = 6 | Mixed ANOVA  Effect of group  Effect of drug  Interaction | F(1,6) = 0.21  F(1,6) = 31.3  F(1,6) = 0.75 | 0.66  0.001  0.42 |
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