

Supplementary file 1. Correlation of burst and burstlet parameters and preBötC *f*.

Comparison	Condition	r ²	p-value	n
burstlet fraction vs. preBötC <i>f</i> (Related to Figure 1A-C)	9/1.5	0.0026	0.5	6
	10 nM DAMGO	0.26	0.1	6
	30 nM DAMGO	0.031	0.4	6
	Change in correlation	0.8	6	
burstlet fraction vs. preBötC <i>f</i> (Related to Figure 1D-F)	30 nM DAMGO+ 100 μM picrotoxin/1 μM strychnine	0.00002	0.5	13
preBötC burst amp. vs. preBötC <i>f</i> (Related to Figure 1D-F)	30 nM DAMGO+ 100 μM picrotoxin/1 μM strychnine	0.1	0.1	13
burstlet fraction vs. preBötC <i>f</i> (Related to Figure 1G-I)	3/1	0.21	0.1	7
	10 nM DAMGO	0.38	0.1	7
	30 nM DAMGO	0.0022	0.5	7
	Change in correlation	0.6	7	
burstlet fraction vs. preBötC <i>f</i> (Related to Figure 2A, B)	3/1*	0.71	0.005	8
	Cd ²⁺	0.059	0.3	8
	Cd ²⁺ +DAMGO	0.037	0.3	8
	Change in correlation	0.9	8	
burstlet fraction vs. preBötC <i>f</i> (Related to Figure 4C, D)	3/1	0.073	0.3	6
	500 nM SP	0.53	0.05	6
	Change in correlation	0.3	6	
burstlet fraction vs. preBötC <i>f</i> (Related to Figure 4E, F)	3/1	0.11	0.1	13
	100 μM picrotoxin/1 μM strychnine	0.04	0.3	13
	Change in correlation	0.1	13	

*, p<0.05