

Additional file 3. Number of subsurface cistern (SSC) normalized to per 10 pyramidal neuronal somas in the CA1 region of the hippocampus in organotypic slice cultures

	Experiment conditions	Total number of SSC (types A+B+C) (n = # soma)	SSC with a flattened cistern		
			Type B	Type C	Subtotal (B + C)
Exp 1	control	81.9 (21)	10	6.2	16.2
	3' K ⁺	29.5 (21)	1.9	4.3	6.2
Exp 2	control	73.5 (23)	11.7	2.6	14.3
	30'' K ⁺	44.2 (21)	6.2	6.2	12.4
	2' K ⁺	17.7 (22)	3.6	3.2	6.8
	5' K ⁺	10.6 (17)	2.9	1.2	4.1
Exp 3	control	122.2 (14)	1.4	3.6	5
	3' K ⁺	23.9 (21)	2.4	1	3.4
	3' K ⁺ +1' recovery	40.9 (21)	2.9	1.9	4.8
	3' K ⁺ +5' recovery	98 (15)	4	3.3	7.3
Exp 4	control	71.4 (22)	7.3	5	12.3
	3' K ⁺	23.2 (22)	6.4	1.8	8.2
	3' K ⁺ +10' recovery	94.8 (27)	6.3	5.9	12.2
	3' K ⁺ +1hr recovery	82.5 (24)	6.3	6.7	13
Exp 5	control	96.3 (19)	5.8	3.7	9.5
	1' K ⁺	35.7 (21)	5.7	2.4	8.1
	1' K ⁺ +2'recovery	50 (13)	10.7	3.8	14.5
Exp 6	control	94.3 (21)	6.7	4.8	11.5
	1' K ⁺	31.7 (23)	1.7	3.9	5.6
	1' K ⁺ +1'recovery	51 (20)	6.5	3.5	10
	1' K ⁺ +5'recovery	110.6 (17)	9.4	8.8	18.2
Exp 7	control	122 (10)	7	6	13
	30'' NMDA	78.2 (11)	2.7	4.5	7.2
	1' NMDA	59 (10)	8	2	10
	3' NMDA	32.7 (11)	3.6	4.5	8.1
	5' NMDA	16 (10)	7	0	7
Exp 8	control	136.7 (9)	4.4	6.7	11.1
	30'' NMDA	99.2 (12)	7.5	4.2	11.7
	1' NMDA	64.5 (11)	9.1	1.8	10.9
	2' NMDA	46 (10)	5	4	9