

Marker	Area	Region	Saline mean	Treated mean	p-value
PSA-NCAM	mPFC	PrL	64.6±18.8	99.3±13.3	0.197
		Cg2	13.5±6.6	50.3±13.2	0.043
	Hippocampus	Mol	9.5±1.8	14.2±1.2	0.045
		LMol	11.6±8.2	65.7±4.4	<0.001
		Rad	12±1.3	15±2.8	0.418
		Or	14.6±3.1	14.6±1.9	0.982
		Luc	19±2.36	37.1±6.1	0.032
	Amygdala	BMA	65.8±17.7	82±12.7	0.512
		LA	49.5±7.8	51.7±13.7	0.899
		MeA	94.5±11	109±15.6	0.494
		BLA	37±16	63.6±8.9	0.190
		CeA	49.5±11	114.1±8.9	0.001
SYN	mPFC	PrL	133±12.8	161.7±7.78	0.101
		Cg2	41.5±19.8	47.14±18.2	0.856
	Hippocampus	Mol	112.3±26	166.6±7.3	0.068
		LMol	33.2±14.5	88±16.3	0.038
		Rad	130.2±8.5	148.7±4.7	0.103
		Or	108.2±10.8	127.9±22	0.491
		Luc	23.8±4.5	46.29±5.8	0.012
	Amygdala	BMA	21.8±8.2	60.6±13.2	0.050
		LA	46±19.6	100.3±12.5	0.049
		MeA	38±9.6	47.6±12.1	0.588
		BLA	104.6±24.9	162.9±5.9	0.047
		CeA	116±13.1	139.9±6.1	0.141
GAD6	mPFC	PrL	27.6±10.6	38.9±8.5	0.458
		Cg2	29.1±6.7	42.1±6.3	0.217
	Hippocampus	Mol	38.4±10.6	62.4±10.2	0.157
		LMol	17±3.4	39.9±6.9	0.018
		Rad	9.3±1.9	17.7±5.2	0.187
		Or	6.9±2.5	13.6±7.2	0.434
		Luc	36.8±16.3	30.7±8.7	0.736
	Amygdala	BMA	16.6±7.8	35.1±10.2	0.205
		LA	18.1±8.3	31±9.5	0.363
		MeA	55.1±14.9	70.4±11.2	0.462
		BLA	18.7±5.5	61.7±10.2	0.005
		CeA	16±6.9	19.7±3.6	0.669
VGluT1	mPFC	PrL	153.4±2.4	159.7±3.6	0.204
		Cg2	138.4±17.5	160.6±3.9	0.275
	Hippocampus	Mol	160.3±3.3	149.3±6.3	0.180
		LMol	89.6±9.7	46.9±11.2	0.021
		Rad	150.4±3	118.1±11.8	0.030
		Or	11.1±4.3	16.1±7.4	0.600
		Luc	49.5±11.4	45.8±5.1	0.765
	Amygdala	BMA	121±13.5	121.9±12.1	0.902

		LA	128±10.7	125.3±9.3	0.862
		MeA	114.9±4.7	135.9±5.6	0.050
		BLA	107.3±10.4	67.1±5.9	0.042
		CeA	121.4±4.6	109.6±4	0.059
PSA-NCAM/SYN	mPFC	PrL	29.8±10.9	80.3±20.5	0.083
		Cg2	3.2±1.8	12.7±6.9	0.270
	Hippocampus	Mol	2.2±0.8	3.4±1.1	0.430
		LMol	0.7±0.4	22.6±5.9	0.008
		Rad	3.5±1.02	7.6±1.7	0.100
		Or	5.6±2.2	6±1.92	0.914
		Luc	1.5±0.2	2.4±0.8	0.311
	Amygdala	BMA	10.5±5.5	23.9±10.4	0.34
		LA	10.2±5.1	22.3±7.7	0.26
		MeA	12±4.7	32.7±18.2	0.362
		BLA	32.8±18.2	64.1±10	0.174
		CeA	30.5±10	131.4±25.1	0.007
PSA-NCAM/GAD6	mPFC	PrL	62.6±36.9	39±10.1	0.551
		Cg2	86.6±16.7	81.8±29.6	0.901
	Hippocampus	Mol	21.6±5.5	72.1±29.1	0.173
		LMol	20±7.4	52.4±27.4	0.339
		Rad	17±2.2	47.6±27	0.372
		Or	66.3±15	103.4	0.526
		Luc	2±0.3	4.5±2	0.308
	Amygdala	BMA	223.3±53.9	125.1±35.6	0.173
		LA	38.2±16.9	69.6±25.5	0.379
		MeA	187±48.5	205.6±41.9	0.790
		BLA	162±41.9	195.1±58	0.68
		CeA	12.6±2.9	46.4±10.9	0.041
PSA-NCAM/VGluT1	mPFC	PrL	48.8±26.2	13.1±4	0.204
		Cg2	46±8.1	48.1±16	0.908
	Hippocampus	Mol	16.1±3.1	52.6±28.1	0.293
		LMol	2.8±1.2	8.6±5.4	0.387
		Rad	33.2±6.9	41.1±14.2	0.660
		Or	59.8±11.7	103.4±53.2	0.503
		Luc	4.3±1.2	2.3±0.8	0.186
	Amygdala	BMA	88.8±27.4	77.3±35	0.821
		LA	21.3±8.2	47.9±18.5	0.274
		MeA	50.7±15.7	51.1±16.2	0.982
		BLA	97.3±22.4	137.3±42.2	0.475
		CeA	12.5±5.2	17.3±6.9	0.621

