

	Treatment	Gender	Sample number (cells)		Dendritic length (μm)			No. of Branch points		
			Vehicle	Fluoxetine	Vehicle	Fluoxetine	Statistics	Vehicle	Fluoxetine	Statistics
Fig. 1/5	2 weeks	Female (Fig. 1)	78	77	75.2 \pm 9.2	138.8 \pm 15.6	Group: p < 0.001 Gender: p < 0.001 Group x Gender: p > 0.05 Two-way ANOVA	1.08 \pm 0.18	2.14 \pm 0.27	Group: p < 0.001 Gender: p < 0.005 Group x Gender: p > 0.05 Two-way ANOVA
		Male (Fig. 5)	150	299	109.7 \pm 7.1	198.3 \pm 10.5		1.80 \pm 0.14	2.80 \pm 0.15	
	3 weeks	Female (Fig. 1)	31	-	151.4 \pm 33.2	-	-	1.71 \pm 0.34	-	-
		Male (Fig. 1)	74	149	248.6 \pm 25.7	254.6 \pm 22.9	p > 0.05 Two-tailed t-test	2.62 \pm 0.28	2.37 \pm 0.21	p > 0.05 Two-tailed t-test
	4 weeks	Female (Fig. 1)	59	41	257.8 \pm 30.9	238.7 \pm 33.3	Group: p > 0.05 Gender: p < 0.005 Group x Gender: p > 0.05 Two-way ANOVA	2.53 \pm 0.33	2.61 \pm 0.42	Group: p > 0.05 Gender: p < 0.05 Group x Gender: p > 0.05 Two-way ANOVA
		Male (Fig. 1)	19	24	397.6 \pm 63.1	356.8 \pm 58.5		4.05 \pm 0.62	3.33 \pm 0.52	
Fig. 2		Female	45	45	84.7 \pm 10.0	189.5 \pm 25.1	Group: p < 0.001 Gender: p > 0.05 Group x Gender: p > 0.05 Two-way ANOVA	1.27 \pm 0.20	2.78 \pm 0.35	Group: p < 0.001 Gender: p > 0.05 Group x Gender: p > 0.05 Two-way ANOVA
		Male	60	44	102.9 \pm 10.2	203.9 \pm 25.2		1.90 \pm 0.23	3.00 \pm 0.36	
Fig. 4	Day 0-7	Female	-	-	-	-	-	-	-	-
		Male	90	90	79.1 \pm 9.6	70.6 \pm 8.0	p > 0.05 Two-tailed t-test	1.34 \pm 0.20	1.23 \pm 0.19	p > 0.05 Two-tailed t-test
	Day 7-14	Female	302	223	79.8 \pm 5.8	122.6 \pm 8.1	Group: p < 0.001 Gender: p > 0.05 Group x Gender: p > 0.05 Two-way ANOVA	1.46 \pm 0.12	2.45 \pm 0.18	Group: p < 0.005 Gender: p > 0.05 Group x Gender: p < 0.05 Two-way ANOVA
		Male	63	261	87.7 \pm 10.3	107.3 \pm 6.5		1.86 \pm 0.26	2.06 \pm 0.14	