

<u>Measure</u>	<u>Effect</u>	<u>p, F, np2 stats</u>
CA1 Volume (P15)	Sex	p = 0.004** F(1,56) = 9.103 np2 = 0.140
DG Volume (P15)	Sex	p = 0.031* F(1,56) = 4.886 np2 = 0.08
Zero Maze Open arm %	Sex	p = 0.010* F(1,122) = 6.902 np2 = 0.054
Zero Maze Open arm %	Exposure*Sex	p = 0.007** F(1,122) = 7.58 np2 = 0.058
Zero Maze Open entries	Sex	p = 0.007** F(1,122) = 7.424 np2 = 0.057
Zero Maze Total distance	Sex	p = 0.046* F(1,122) = 4.047 np2 = 0.032
Zero Maze Velocity	Sex	p = 0.043* F(1,122) = 4.201 np2 = 0.033
Modified Trace Fear Conditioning: Test	Genotype*Sex	p = 0.013* F(1,95) = 6.391 np2 = 0.063
Modified Trace Fear Conditioning: Test	Genotype*Sex*Time	p < 0.001*** F(8.170,776.165)= 5.282 np2 = 0.053

Supplemental Table 7. Significant simple effects of sex, as well as significant interactions of sex with other experimental factors from all experiments. Statistics presented include F ratios, p values, and effect size as partial eta squared (η_p^2).