

Supplemental Table 1: Summary of behavioral tests in male offspring

	Control		Early-Life Stress	
	WT	<i>Cntnap2</i>^{+/-}	WT	<i>Cntnap2</i>^{+/-}
Open Field				
Time spent in the center (s)	47 ± 6	35 ± 7	42 ± 4	54 ± 6
Number of entries to center	19 ± 3	14 ± 1	19 ± 2	20.9 ± 2
Elevated Plus Maze				
Time spent in closed arm (s)	209 ± 13	213 ± 13	213 ± 12	214 ± 8
Time spent in open arm (s)	204 ± 16	208 ± 10	202 ± 10	294 ± 8
Light/Dark Box				
Time spent in light side (s)	386 ± 14	378 ± 25	381 ± 12	376 ± 17
Forced swim test				
Time spent floating	157 ± 8	156 ± 11	145 ± 9	155 ± 8

Comparison of different behavioral tests between early-life stress (ELS) and non-stressed (Control) *Cntnap2*^{+/-} and WT mice. The value are presented as mean ± S.E.M. *p ≤ 0.05. N = 8-10. Data analysis: 1) Open Field (time spent in the center: effect of ELS $F_{(1,32)} = 1.06$, $P = 0.3$; effect of genotype $F_{(1,32)} = 0.0009$, $P = 0.97$; number of entries to the center: effect of ELS $F_{(1,32)} = 1.28$, $P = 0.26$; effect of genotype $F_{(1,32)} = 0.29$, $P = 0.59$), 2) Elevated Plus Maze (time spent in closed arm: effect of ELS $F_{(1,35)} = 0.04$, $P = 0.82$; effect of genotype $F_{(1,35)} = 0.04$, $P = 0.82$; time spent in open arm: effect of ELS $F_{(1,35)} = 0.5$, $P = 0.48$; effect of genotype $F_{(1,35)} = 0.02$, $P = 0.87$), 3) Light/Dark Box (time spent in light side: effect of ELS $F_{(1,30)} = 0.03$, $P = 0.86$; effect of genotype $F_{(1,30)} = 0.14$, $P = 0.7$) and 4) Forced Swim Test (time spent floating: effect of ELS $F_{(1,35)} = 0.42$, $P = 0.5$; effect of genotype $F_{(1,35)} = 0.23$, $P = 0.63$).