

S8 Table. NeuroCube results for the Cntnap2 knockout model.

Cntnap2		Genotype	P30		P60	
			Mean	SE	Mean	SE
Length and Width	Stride Length (mm)	WT	55.4	1.0	62.9	1.4
		KO	55.0	0.5	63.0	1.1
	Front Base (mm)	WT	14.8	0.3	15.3	0.2
		KO	14.4	0.3	15.1	0.3
	Hind Base (mm)	WT	25.0	0.4	25.6	0.4
		KO	23.0	0.2	23.7	0.3
Movement	Speed	WT	187.8	9.8	209.2	12.7
		KO	233.3	7.5	266.1	10.8
	Stride Duration	WT	337.6	16.3	333.0	11.3
		KO	256.6	6.2	264.9	8.4
	Stance Duration	WT	132.8	7.6	136.4	5.4
		KO	100.9	3.6	102.4	4.1
Swing Percent	WT	60.5	1.3	58.9	0.8	
	KO	60.7	1.1	61.2	1.0	
Paw Measurements	Front Paw Area	WT	165.8	3.3	175.6	4.3
		KO	166.7	4.8	177.8	4.7
	Hind Paw Area	WT	138.9	3.2	154.8	4.5
		KO	143.4	2.5	152.3	3.8
	Front Paw Intensity	WT	69.6	1.0	79.0	1.1
		KO	65.7	1.2	75.2	1.0
Hind Paw Intensity	WT	78.3	1.5	92.0	1.4	
	KO	73.8	2.2	88.4	2.3	
Weight & Bias	Body Weight	WT	15.8	0.4	22.3	0.5
		KO	14.9	0.6	21.5	0.3
	Hind Weight Bias	WT	1.1	0.02	1.2	0.02
		KO	1.1	0.02	1.2	0.02
	Left Hind Weight Bias	WT	1.1	0.02	1.1	0.03
		KO	1.1	0.04	1.1	0.04
Left Front Weight Bias	WT	1.0	0.01	1.0	0.01	
	KO	1.0	0.01	1.0	0.01	