

Parameter	Pearson r	P value
average velocity	-0.004087	0.9800
duration of movement	-0.07067	0.6648
traveled distance	-0.008743	0.9573
rearing frequency	-0.08106	0.6190
percentage of time spent moving during a period of 10 minutes	-0.2432	0.1305

**Suppl. Table S2: Parameters measured in the open field arena in wild type littermates.** Data of 40 mice were used for correlation analysis with chronological age. None of the parameters achieved statistical significance.