

Table S1. Pearson Correlations between open-field measurements from trial 1(A) and trial 2 (B) measurements. All correlations were strongly significant ($P < 3 \times 10^{-15}$).

(A) Trial 1 variables	total movement trial 1	velocity trial 1	time in centre trial 1
total movement trial 1	-	-	-
velocity trial 1	0.92	-	-
time in centre trial 1	0.4	0.33	-
frequency of visits to centre trial 1	0.8	0.8	0.43

(B) Trial 2 variables	total movement trial 2	velocity trial 2	time in centre trial 2
total movement trial 2	-	-	-
velocity trial 2	0.92	-	-
time in centre trial 2	0.36	0.32	-
frequency of visits to centre trial 2	0.79	0.76	0.38