## Total distance in E22, E33, E44 genotype in openfield Anova, p = 0.17Anova, p = 0.12Anova, p = 0.20.001 3.6e-07 $\underset{\mathsf{D}}{\mathsf{Od}}$ n=32 n=18 n=25 Anova, p = 6.7e-05Anova, p = 0.24Anova, p = 0.022.9e-06 0.0038 Sex Young 0.022 Female Male n=30 n=48 n=46 Anova, p = 0.023Anova, p = 2.2e-05Anova, p = 0.00697.1e-09 6.1e-07 n=73 n=62 n=64

E33

APOE\_Genotypes

E44

60

40

20

0 -

60

Total Distance (m)

20

0 -

60

40

20

E22