

Supplemental Information

Bridging the translational divide: identical cognitive touchscreen testing in mice and humans carrying mutations in a disease-relevant homologous gene

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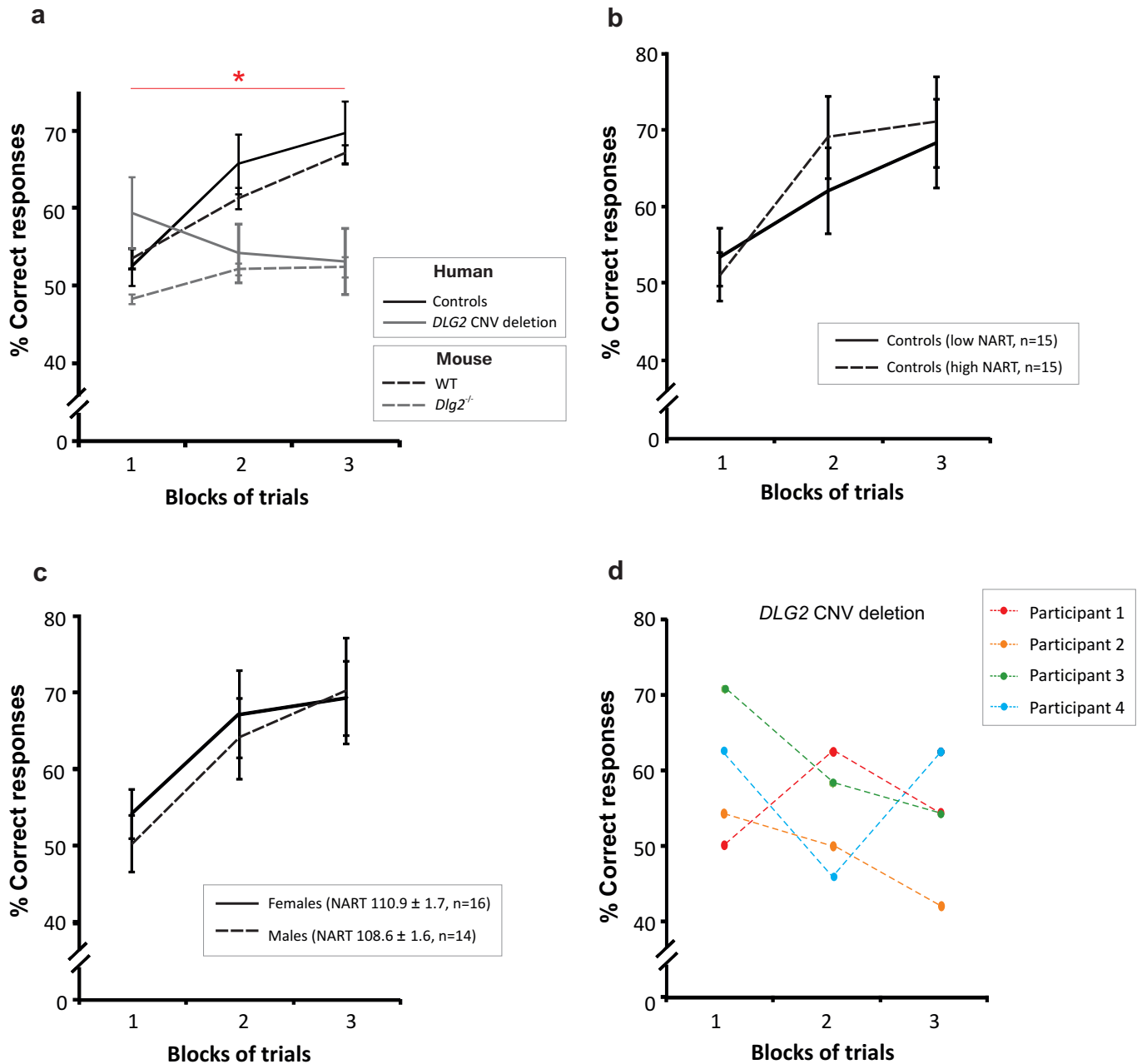
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Supplementary Figure 1: Performance of controls and *DLG2* CNV deletion participants on the rodent touchscreen object-location paired associates task.

a. Direct comparison of mouse to human performance showed a significant genotype x block interaction (* $p=0.005$), but no differences between species ($p=0.443$).

b. Control group performance (percentage of correct responses) across blocks of trials based on median split of NART scores (low NART = 95-110; high NART = 110-120) showed no significant differences ($p=0.69$).

c. Control group performance based on gender also showed no differences ($p=0.74$).

d. Scatter plot of performance of individual *DLG2* CNV subjects indicates none of the 4 subjects showed the progressive acquisition and increase in performance across blocks of trials observed in the control group.