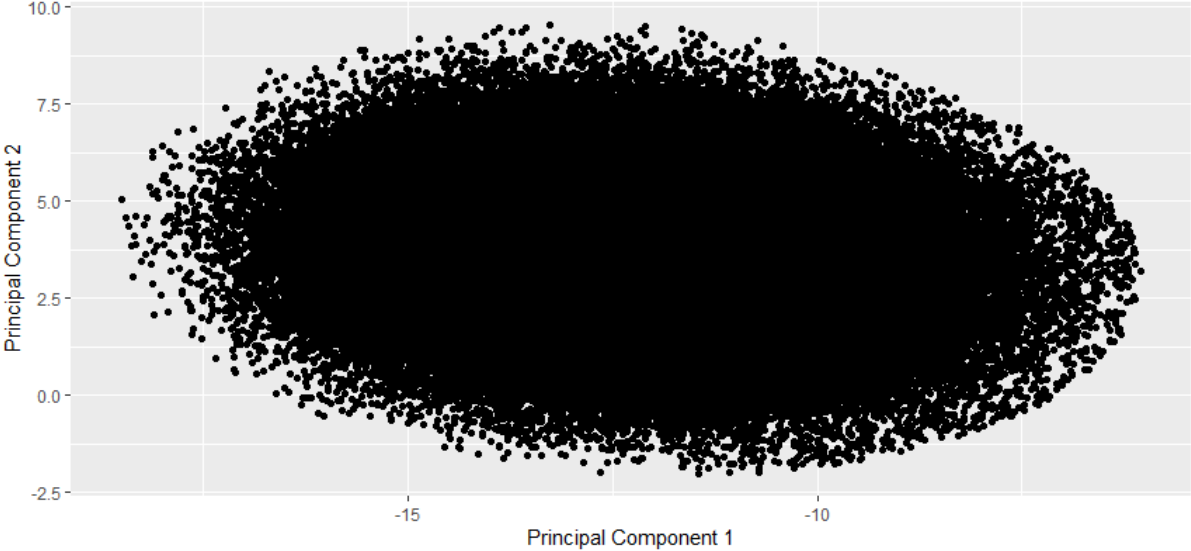
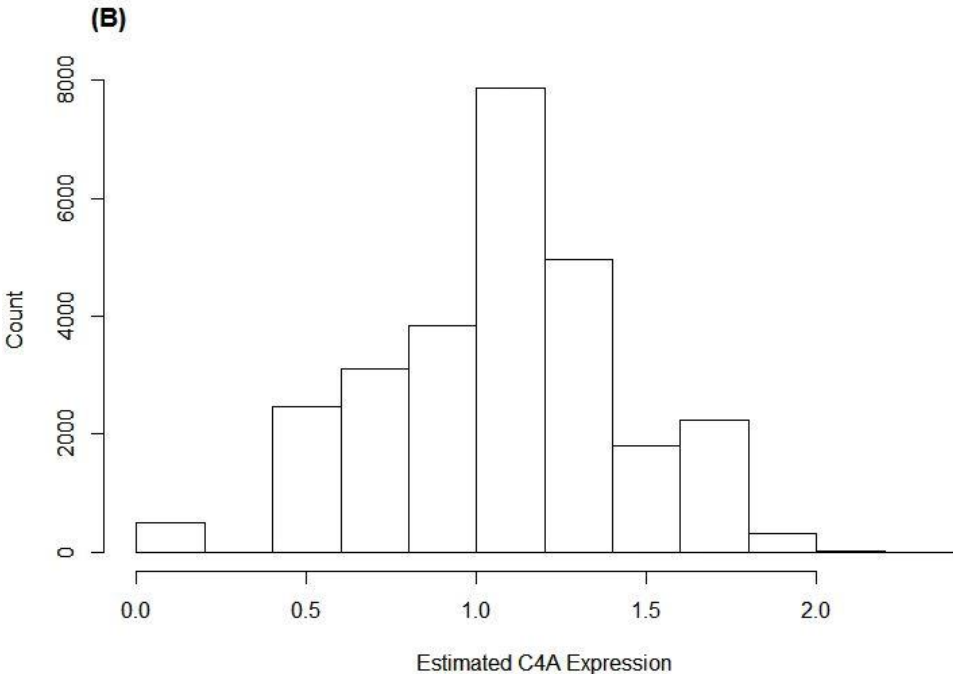
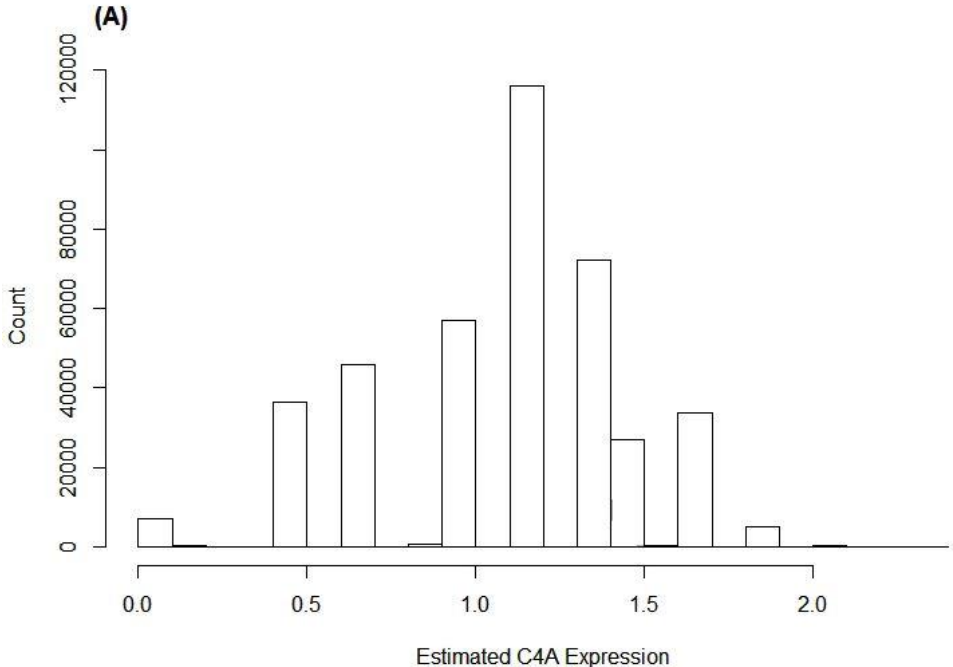


Supplementary Figures

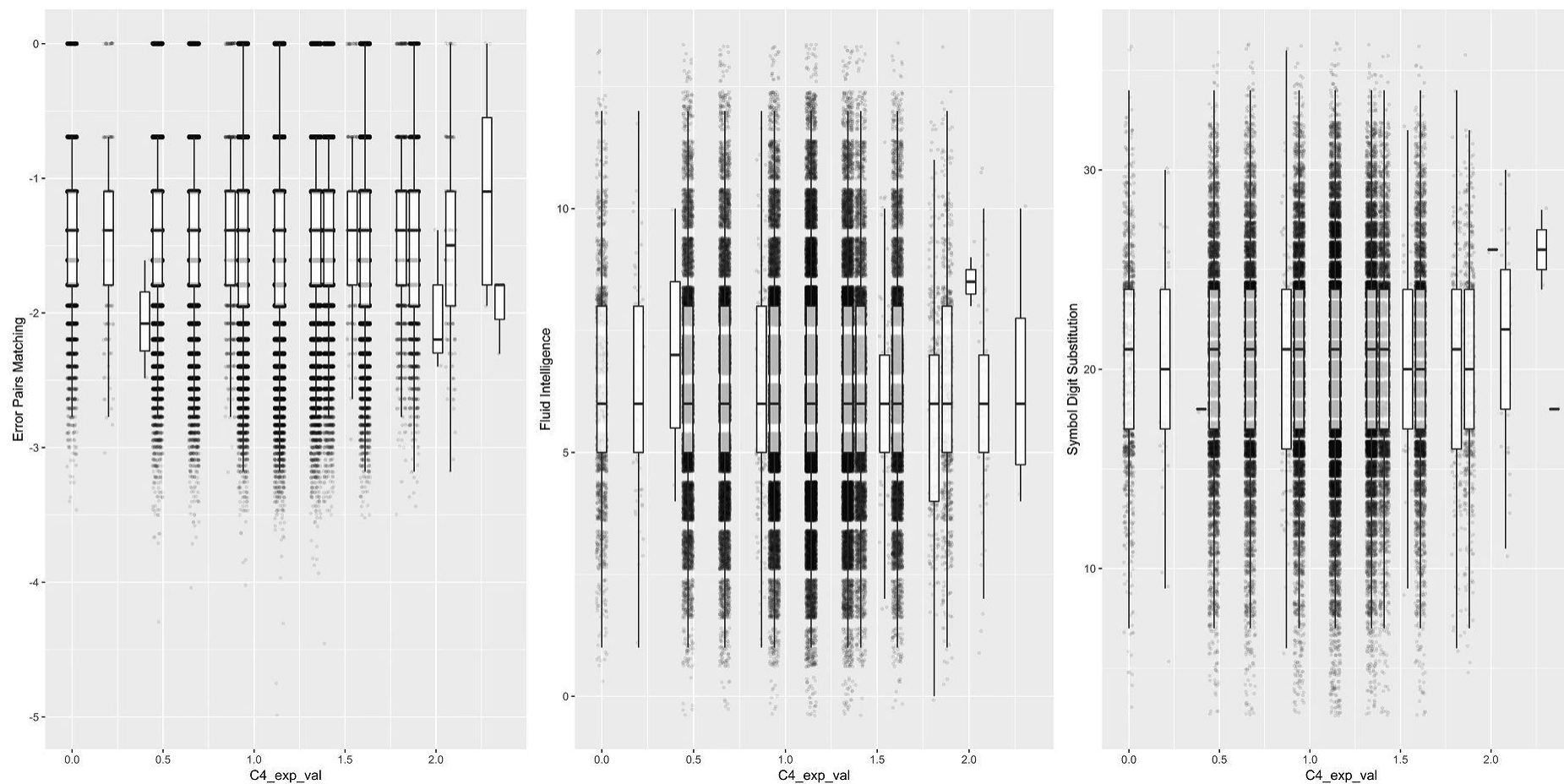
Supplementary Figure 1. Principal component scatter plot showing the distribution of individuals included from the full UK Biobank cohort (n = 329,773). The first and second principal components for each individual on the x and y axes, respectively



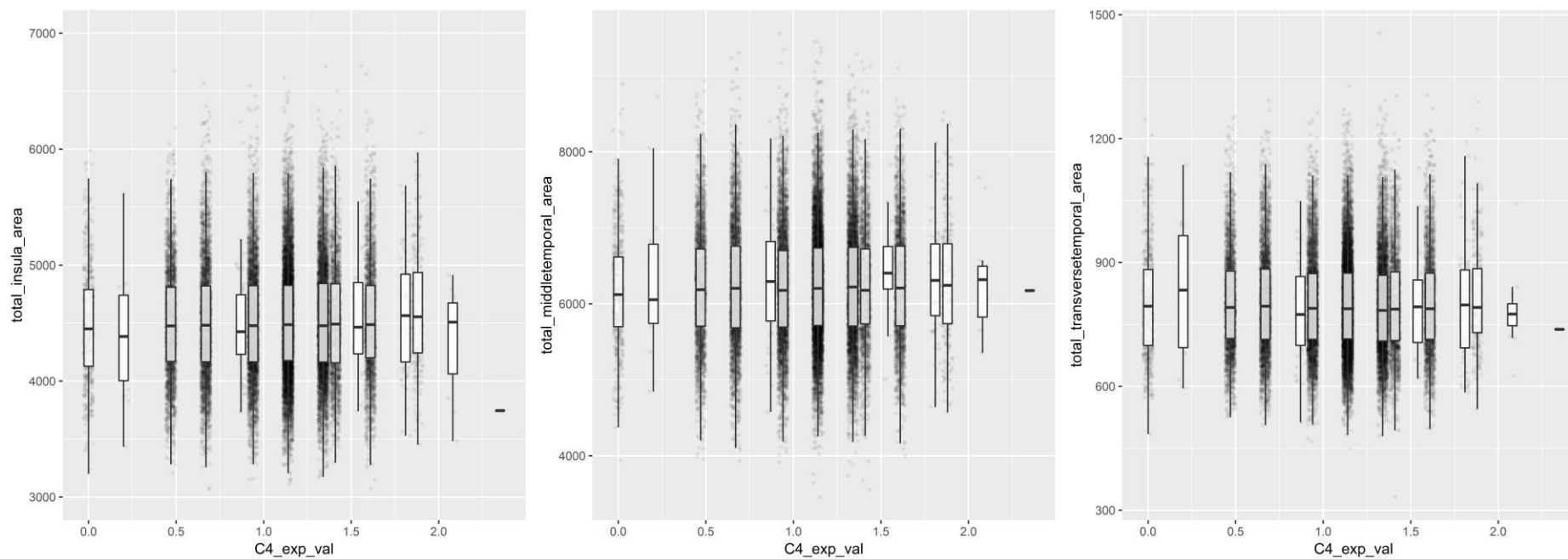
Supplementary Figure 2. Histograms showing the distribution of estimated *C4A* expression values in (A) the full UK Biobank cohort (n = 329,773) and (B) in the subset of the UK Biobank cohort with available imaging data (n = 27,087).



Supplementary Figure 3. Scatter plots for each of the cognitive tasks associated (FDR < 0.05) with estimated *C4A* expression. Box plots for each 'bin' of distinct estimated *C4A* expression values are also shown. Values for the cognitive tasks are plotted on the y-axis and estimated *C4A* expression (*C4exp_val*) is plotted on the x-axis.



Supplementary Figure 4. Scatter plots for each of the regional cortical surface area measures associated (FDR < 0.05) with estimated C4A expression. Box plots for each 'bin' of distinct estimated C4A expression values are also shown. Values for cortical surface area are plotted on the y-axis and estimated C4A expression (C4exp_val) is plotted on the x-axis.



Supplementary Figure 5. Scatter plots for each of the regional cortical thickness measures associated (FDR < 0.05) with estimated C4A expression. Box plots for each 'bin' of distinct estimated C4A expression values are also shown. Values for mean cortical thickness are plotted on the y-axis and estimated C4A expression (C4exp_val) is plotted on the x-axis.

