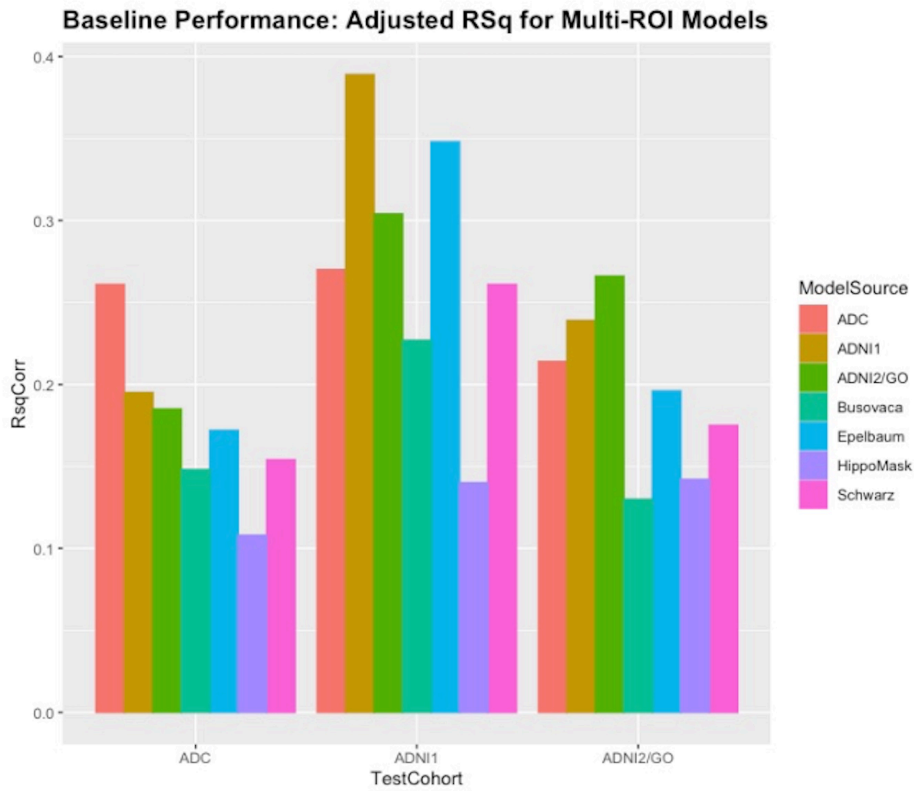
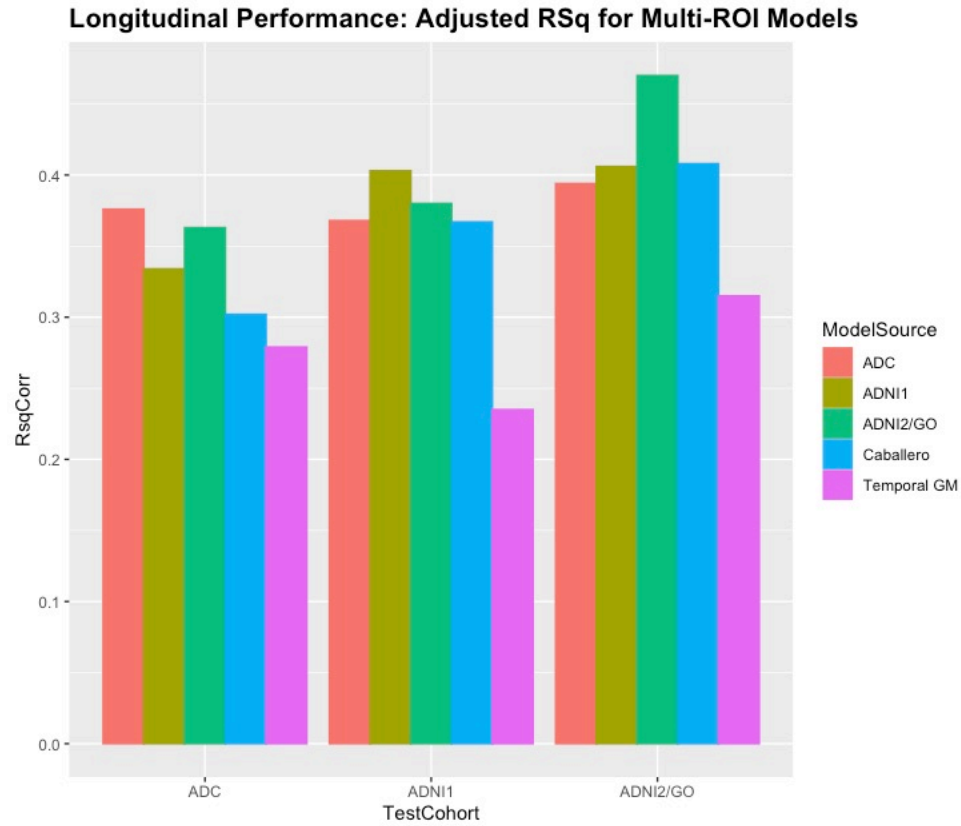


## Supplementary material



**Figure S1A.** Adjusted  $R^2$  performance comparisons across models at baseline. Table provides number of ROIs and thus the number of independent variables in each regression model.

Model	Number of ROIs
ADC	5
ADNI 1	6
ADNI2/GO	6
Busovaca	8
Epelbaum	21
Schwarz	6
Hippo Mask	1



**Figure S1B.** Adjusted  $R^2$  performance comparisons across longitudinal models. Table provides number of ROIs and thus the number of independent variables in each regression model.

<b>Model</b>	<b>Number of ROIs</b>
ADC	7
ADNI 1	9
ADNI2/GO	14
Caballero	12
Temporal GM	1