Supplement 2:

Overview of regression coefficients in right inferior frontal gyrus. First, a model summary with the respective regression coefficient R2 (R-sq) is listed. Then, all regression coefficients including simple and interaction effects are depicted. Unstandardized regression coefficients (coeff), their standard error (se) as well as corresponding t- and p- values and lower and upper bounds of the confidence intervals (LLCI and ULCI) are reported. The nomenclature of the reported interactions can be found below the model description. Finally, the R2 increase due to the inclusion of the three-way-interaction is reported.

Note: BA\_GMWM = BrainAGE; acc2b = accuracy; APOE\_01 = APOE allele status; educ = years of education; Age = chronological age

