**Supplementary Document 1. Scripts used in SPSS to perform GLM analysis**

**GLM Regression Model 1. SPSS syntax.**

GLM (list of variables to predict) WITH tot\_r assq age gender subj   
/METHOD=SSTYPE(3)  
/INTERCEPT=INCLUDE  
/LMATRIX  
tot\_r -1 assq -1 intercept 0 age 0 gender 0 subj 0;  
/PRINT = TEST(LMATRIX) PARAMETER ETASQ   
/CRITERIA=ALPHA(.05)  
/DESIGN.

**GLM Regression Model 2. SPSS syntax.**

GLM (list of variables to predict) WITH tot\_r assq age gender subj verbalIQ  
/METHOD=SSTYPE(3)  
/INTERCEPT=INCLUDE  
/LMATRIX  
tot\_r -1 assq -1 intercept 0 gender 0 subj 0 verbalIQ 0;  
/PRINT = TEST(LMATRIX) PARAMETER ETASQ  
/CRITERIA=ALPHA(.05)  
/DESIGN.

**False discovery rate adjustment, Benjamini-Hochberg procedure. SPSS syntax.**

sort cases by p (a).  
compute i=$casenum.  
sort cases by i (d).  
compute q=.05.  
compute m=max(i,lag(m)).  
compute crit=q\*i/(m\*1).  
compute test=(p le crit).  
compute test=max(test,lag(test)).  
execute.  
formats i m test(f8.0) q (f8.2) crit(f8.6).  
value labels test 1 'Significant' 0 'Not Significant'.