



Table S1. Methodology of the binomial logistic regression models.

The values of p<sub>in</sub> = 0.2 and p<sub>out</sub> = 0.25 were set up to select independent variables from Table 1, 2 for input into a binominal logistic regression model.

Model I (11 predictors): Age, GS, WS, Number of medications, Education, WR, TMT-A, B and SDST of NCGG-FAT, TDAS and GDS-15 total score

-TDAS

Model II (10 predictors): Age, GS, WS, Number of medications, Education, WR, TMT-A, B and SDST of NCGG-FAT and GDS-15 total score.

-All cognitive items

Model III (6 predictors): Age, GS, WS, Number of medications, Education, and GDS-15 total score.