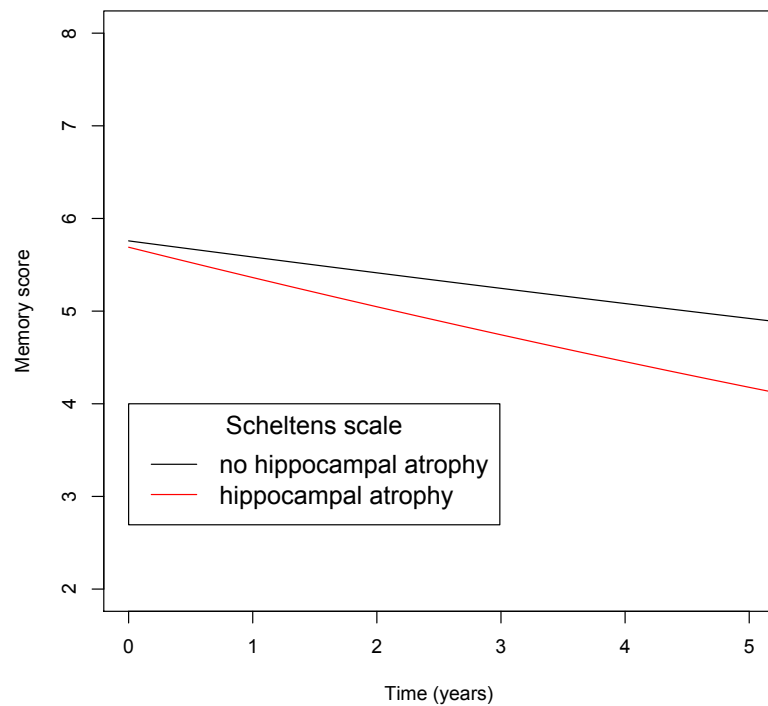


S1 Fig: Modelling longitudinal change in memory test scores according to hippocampal size for a typical subject



Predictions are made on the basis of mixed effects models (using N=511 subjects) with cognitive testing (memory recall/20 words) performed before MRI at study Phase 11 and after the MRI in Phase 12, for a mean age of 75 years (at scan) and premorbid IQ of 118, according to cross-sectional hippocampal atrophy. Hippocampal atrophy is defined on the basis of the Scheltens scale (score>0).