Table S1. Associations between cognitive function and covariates with interaction of tau_{MTL} *tau_{NEO} for the whole sample														
	CFI_p		**CFI_{sp}**		**PACC**		**FCSRT**		**LMD**		**DSS**		**MMSE**	
Variables	**Coefficients**	**FDR p-value**	**Coefficients**	**FDR p-value**	**Coefficients**	**FDR p-value**	**Coefficients**	**FDR p-value**	**Coefficients**	**FDR p-value**	**Coefficients**	**FDR p-value**	**Coefficients**	**FDR p-value**
(Intercept)	0.164	<0.001	0.128	<0.001	-0.204	0.011	-0.223	0.008	0.056	0.59	-0.204	0.019	-0.164	0.085
Sex - Female	-0.014	0.477	-0.045	0.003	0.431	<0.001	0.459	<0.001	-0.05	0.708	0.412	<0.001	0.313	0.007
Age (yrs)	0.008	0.346	0.005	0.583	-0.311	<0.001	-0.218	<0.001	-0.145	0.009	-0.288	<0.001	-0.171	0.002
Education (yrs)	-0.004	0.663	0.010	0.219	0.165	0.001	0.065	0.253	0.131	0.019	0.084	0.150	0.154	0.006
tau_{NEO}	0.006	0.529	0.012	0.125	-0.084	0.119	-0.057	0.323	-0.081	0.184	-0.022	0.708	-0.062	0.315
tau_{MTL}	0.001	0.905	0.000	0.99	-0.020	0.708	-0.039	0.528	-0.046	0.464	-0.008	0.899	0.039	0.547
Alcohol	0.002	0.879	0.013	0.244	-0.035	0.668	0.092	0.252	0.017	0.852	-0.076	0.349	-0.124	0.131
Aerobic	0.018	0.104	0.012	0.285	-0.150	0.026	-0.224	0.001	-0.200	0.007	0.026	0.726	0.001	0.990
STAI	0.011	0.244	0.005	0.59	0.068	0.252	0.025	0.708	0.064	0.325	0.024	0.708	0.065	0.323
GDS	0.046	<0.001	0.016	0.047	-0.093	0.106	-0.121	0.032	-0.080	0.222	-0.023	0.708	-0.020	0.745
tau_{NEO} × tau_{MTL}	0.006	0.35	0.003	0.59	-0.057	0.080	-0.062	0.109	-0.041	0.346	-0.050	0.244	-0.024	0.590

Associations were examined using multiple linear regression models, adjusted for relevant covariates. Bonferroni correction was applied to account for multiple comparisons. Coefficients represent standardized beta estimates.
GDS: Geriatric Depression Scale (15 items), STAI: State Anxiety Inventory (6 items), CFI_p: Cognitive function index-participant, CFI_{sp}: Cognitive function index-study partner, PACC: Preclinical Alzheimer Cognitive Composite, MMSE: Mini-mental state examination, LMD: Logical memory delayed, DSS: Digit symbol substitution, FCSRT: Free and cued selective reminding test, SD: Standard deviation, tau_{NEO}: Tau SUVr in neocortex, tau_{MTL}: Tau SUVr in medial temporal lobe