

Supplementary Tables

Supplementary Table 1. N table of BioFINDER subjects with cognitive performance data over time.

Year→		0	1	2	3	4
CU	A-T-	558	160	353	146	329
	A+T-	85	18	61	16	56
	A-T+	25	2	15	1	10
	A+T+	125	59	94	52	84
MCI	A-T-	89	81	78	65	61
	A+T-	34	30	31	26	24
	A-T+	7	7	7	7	7
	A+T+	133	124	118	106	96

Supplementary Table 2. Comparison of changes in CSF apoE and ferritin with other apolipoproteins and acute phase proteins across diagnostic categories in the BioFINDER cohort. Statistics are from multiple regression models of each of the analytes including age, sex, *APOE* ϵ 4, and diagnosis as covariates. β represents one standard deviation change associated with diagnosis category (reference category is CU). Ferritin and apoE were highlighted as the primary analysis, the other analytes are included as exploratory comparative results. Bold indicates $P < 0.05$; *Indicates correction after multiple comparison between the two primary analysis of ferritin and apoE ($\alpha/2 = 0.025$).

		CU			MCI			AD		
		β	S.E.	P	β	S.E.	P	β	S.E.	P
apolipoprotein	apoE	NA	NA	NA	-0.121	0.072	0.092	0.043	0.087	0.625
	apoAI	NA	NA	NA	0.057	0.071	0.422	0.232	0.086	0.007
	apoAII	NA	NA	NA	0.080	0.071	0.263	0.207	0.086	0.016
	apoAIV	NA	NA	NA	0.160	0.070	0.022	0.187	0.084	0.027
	apoD	NA	NA	NA	0.089	0.069	0.197	0.339	0.084	5.3x10⁻⁵
	apoM	NA	NA	NA	0.132	0.073	0.070	0.202	0.088	0.022
acute phase proteins	ferritin	NA	NA	NA	0.077	0.069	0.264	0.163	0.083	0.050
	α 1 antichymotrypsin	NA	NA	NA	0.272	0.069	7.8x10⁻⁵	0.499	0.083	2.2x10⁻⁹
	α 1 antitrypsin	NA	NA	NA	0.136	0.071	0.054	0.309	0.086	3.1x10⁻⁴
	ceruloplasmin	NA	NA	NA	0.186	0.078	0.017	0.179	0.094	0.058
	complement C3	NA	NA	NA	0.128	0.071	0.070	0.271	0.085	0.001
	α -fibrinogen	NA	NA	NA	0.309	0.076	5.2x10⁻⁵	0.313	0.093	0.001
	β -fibrinogen	NA	NA	NA	0.245	0.075	0.001	0.389	0.092	2.5x10⁻⁵
	γ -fibrinogen	NA	NA	NA	0.188	0.070	0.008	0.405	0.085	2.0x10⁻⁶
	haptoglobin	NA	NA	NA	0.316	0.072	1.1x10⁻⁵	0.281	0.087	0.001
hemopexin	NA	NA	NA	0.149	0.070	0.033	0.410	0.084	1.2x10⁻⁶	

Supplementary Table 3. Comparison of changes in CSF apoE and ferritin with other apolipoproteins and acute phase proteins in strata of A and T criteria in the BioFINDER cohort. Statistics are from mixed effects models of each of analyte including age sex *APOE* ϵ 4 A/T criteria as covariates. β represents one standard deviation change associated with A/T category (reference category is A-T-). Ferritin and apoE were highlighted as the primary analysis, the other analytes are included as exploratory comparative results. Bold indicates $P < 0.05$. ; *Indicates correction after multiple comparison between the two primary analysis of ferritin and apoE ($\alpha/2 = 0.025$).

		A-T-			A+T-			A-T+			A+T+		
		β	S.E.	P	β	S.E.	P	β	S.E.	P	β	S.E.	P
apolipoprotein	apoE	NA	NA	NA	-0.283	0.095	0.003*	0.709	0.184	1.2x10⁻⁴*	0.468	0.070	8.8x10⁻¹⁴*
	apoA-I	NA	NA	NA	-0.105	0.097	0.280	-0.134	0.187	0.473	0.080	0.071	0.279
	apoA-II	NA	NA	NA	-0.143	0.097	0.140	0.059	0.183	0.746	0.037	0.071	0.846
	apoA-IV	NA	NA	NA	-0.241	0.095	0.012	-0.034	0.181	0.852	0.062	0.070	0.506
	apoD	NA	NA	NA	-0.208	0.094	0.027	0.163	0.178	0.361	0.220	0.068	0.001
	apoM	NA	NA	NA	-0.042	0.100	0.672	-0.016	0.187	0.931	0.129	0.073	0.275
acute phase proteins	ferritin	NA	NA	NA	0.036	0.094	0.701	0.621	0.183	0.001*	0.426	0.068	3.3x10⁻¹¹*
	α 1 antichymotrypsin	NA	NA	NA	-0.096	0.094	0.308	0.205	0.179	0.252	0.236	0.069	0.257
	α 1 antitrypsin	NA	NA	NA	-0.111	0.096	0.250	-0.081	0.186	0.665	0.090	0.071	0.606
	ceruloplasmin	NA	NA	NA	-0.176	0.109	0.108	0.105	0.201	0.601	0.072	0.079	0.370
	complement C3	NA	NA	NA	-0.148	0.096	0.123	0.434	0.185	0.019	0.173	0.070	0.001
	α -fibrinogen	NA	NA	NA	-0.092	0.108	0.391	0.333	0.199	0.095	0.185	0.077	0.077
	β -fibrinogen	NA	NA	NA	-0.155	0.105	0.141	0.122	0.194	0.529	0.186	0.076	5.3x10⁻¹⁰
	γ -fibrinogen	NA	NA	NA	-0.132	0.096	0.169	0.090	0.182	0.620	0.175	0.070	0.001
	haptoglobin	NA	NA	NA	0.140	0.099	0.158	0.032	0.190	0.868	0.189	0.072	0.205
	hemopexin	NA	NA	NA	-0.137	0.095	0.151	0.154	0.180	0.395	0.180	0.070	0.362

Supplementary Table 4. Comparison of changes in CSF apoE and ferritin in strata of A and T criteria in the BioFINDER cohort. Subjects were limited to those that had ferritin values measured.

Dx	CU				MCI				AD				All
	-	+	-	+	-	+	-	+	-	+	-	+	All
N	531	83	21	113	89	33	6	124	8	19	0	149	1211
Ferritin: ng/ml (SD)	9.63 (4.38)	9.74 (4.39)	13.49 (4.38)	11.98 (4.70)	9.49 (4.90)	10.44 (4.52)	13.03 (6.18)	11.76 (4.67)	7.93 (4.22)	9.9 (4.88)	NA NA	11.95 (4.51)	10.47 (4.65)
apoE: μ g/ml (SD)	3.38 (1.06)	3.22 (1.09)	4.51 (1.05)	4.16 (1.11)	3.12 (1.12)	2.8 (0.96)	3.81 (1.48)	3.74 (1.15)	2.35 (1.03)	2.78 (1.21)	NA NA	3.82 (1.27)	3.51 (1.16)

Supplementary Table 5. Comparison of changes in CSF ferritin in strata of APOE and diagnosis in the BioFINDER cohort. Subjects were limited to those that had ferritin values measured. Statistics are from a multiple regression model containing the following covariates: age, sex, APOE ϵ 4, apoE level.

	APOE ϵ 4 -ve			APOE ϵ 4 +ve			P
	N	Mean	SD	N	Mean	SD	
All	692	10.35	(4.72)	509	10.63	(4.69)	0.994
CU	502	10.14	(4.52)	265	9.97	(4.63)	0.670
MCI	132	10.66	(4.97)	131	11.11	(4.74)	0.724
AD	58	11.54	(4.61)	113	11.61	(4.69)	0.214

Supplementary Table 6. Demographics Table of ADNI subjects stratified by clinical (CU MCI dementia) and biomarker (A+/- and T+/-) criteria. Values of $A\beta_{42}$, t-tau and p-tau181 are in pg/ml.

Dx	CU				MCI				AD			
	-	+	-	+	-	+	-	+	-	+	-	+
A	-	+	-	+	-	+	-	+	-	+	-	+
T	-	-	+	+	-	-	+	+	-	-	+	+
N	41	8	4	15	22	16	2	83	2	8	1	52
Age: Mean (SD)	75.0 (5.6)	74.1 (4.2)	77.9 (4.7)	78.1 (5.4)	74.6 (7.9)	76.7 (3.4)	72.3 (15.6)	74.2 (7.6)	82.4 (3.0)	78.8 (4.6)	87.7 (NA)	74.2 (7.8)
Male Sex: N (%)	22 (53.7)	4 (50.0)	1 (25.0)	10 (66.7)	19 (86.4)	12 (75.0)	1 (50.0)	50 (60.2)	1 (50.0)	6 (75.0)	1 (100)	27 (51.9)
APOE ϵ 4: N (%)	4 (9.8)	6 (75.0)	1 (25.0)	7 (46.7)	1 (4.5)	10 (62.5)	1 (50.0)	57 (68.7)	0 (0.0)	6 (75.0)	0 (0.0)	39 (75.0)
$A\beta_{42}$: mean (SD)	1299 (263)	599 (103)	1333 (294)	693 (194)	1153 (353)	502 (128)	1422 (134)	627 (173)	1189 (166)	570 (140)	1539 (NA)	580 (207)
t-tau: mean (SD)	188 (37)	218 (25)	298 (53)	327 (60)	185 (42)	202 (32)	287 (15)	379 (102)	154 (0.1)	204 (28)	294 (NA)	396 (117)
$A\beta_{42}$ /t-tau: mean (SD)	7 (1.5)	2.8 (0.5)	4.5 (0.6)	2.2 (0.7)	6.3 (1.7)	2.5 (0.7)	5 (0.2)	1.7 (0.6)	7.7 (1.1)	2.8 (0.6)	5.2 (NA)	1.5 (0.6)
p-tau181: mean (SD)	16.7 (3.2)	20.1 (2.2)	27.2 (4.7)	33.3 (7.2)	16 (3.8)	19.1 (3.3)	26.4 (1.4)	38.9 (11.6)	12.5 (0.9)	18.9 (3.0)	24.5 (NA)	40.4 (13.9)
CDR-SB: mean (SD)	0.04 (0.13)	0 (0.0)	0 (0.0)	0 (0.0)	1.46 (0.82)	1.56 (1.0)	2.50 (0.71)	1.60 (0.86)	4.75 (1.77)	5.06 (2.16)	3.5 (NA)	4.26 (1.46)
MMSE: mean (SD)	29 (1.0)	28.9 (1.0)	29.5 (0.6)	29.3 (1.0)	27.5 (1.7)	26.4 (1.6)	29 (0.0)	26.7 (1.7)	25.5 (0.7)	22 (1.8)	24 (NA)	23.6 (1.8)

Supplementary Table 7. Comparison of changes in CSF apoE and ferritin across diagnostic categories in the ADNI cohort. Statistics are from multiple regression models of each of the analytes including age, sex, *APOE* ϵ 4, and diagnosis as covariates. β represents one standard deviation change associated with diagnosis category (reference category is CU).

	CU	MCI	AD
apoE (μg/ml)			
-mean; (S.D.)	7.34 (1.99)	7.06 (2.08)	6.76 (2.33)
$-\beta$; (S.E.); P	NA NA NA	-0.042 (0.139) 0.760	-0.296 (0.167) 0.078
ferritin (ng/ml)			
-mean; (S.D.)	6.47 (2.00)	7.03 (2.75)	7.28 (3.04)
$-\beta$; (S.E.); P	NA NA NA	0.093 (0.141) 0.513	0.061 (0.170) 0.720

Supplementary Table 8. Comparison of changes in CSF apoE and ferritin in strata of A and T criteria in the ADNI cohort. Statistics are from multiple regression models of each of analyte including age, sex, *APOE* ϵ 4, and A/T criteria as covariates. β represents one standard deviation change associated with A/T criteria category (reference category is A-T-). Bold indicates $P < 0.05$.

	A-T-	A+T-	A-T+	A+T+
apoE (μg/ml)				
-mean; (S.D.)	6.55 (1.66)	5.58 (1.83)	8.13 (1.82)	7.24 (2.16)
$-\beta$; (S.E.); P	NA NA NA	-0.354 (0.204) 0.084	0.913 (0.347) 0.009	0.545 (0.151) 3.6×10^{-4}
ferritin (ng/ml)				
-mean; (S.D.)	5.93 (2.01)	5.98 (1.71)	7.92 (1.13)	7.42 (2.93)
$-\beta$; (S.E.); P	NA NA NA	-0.160 (0.220) 0.468	0.945 (0.375) 0.012	0.445 (0.163) 0.007

Supplementary Table 9. Association between ferritin and apoE levels with longitudinal CDR-SB and MMSE in CU and MCI BioFINDER subjects.

Data are from mixed effects models of CDR-SB/MMSE including the indicated variables and their interaction with time. β represents a unit change in cognitive score per year per standard deviation change in each analyte. Ferritin and apoE were highlighted as the primary analysis of CDR-SB, the other analytes are included as exploratory comparative results. MMSE was included as supportive analysis. Bold indicates $P < 0.05$. *Indicates correction after multiple comparison between the two primary analysis of ferritin and apoE, and the dual analysis of the group as a whole, and when stratified by A/T criteria ($\alpha/4 = 0.0125$).

Diagnosis	CU												MCI											
	All			-			+			+			All			-			+					
A	All			-			+			+			All			-			+					
T	All			-			+			+			All			-			+					
CDR-SB	β	SE	P	β	SE	P	β	SE	P	β	SE	P	β	SE	P	β	SE	P	β	SE	P	β	SE	P
apoE	-0.003	0.016	0.860	-0.014	0.010	0.185	0.020	0.029	0.502	-0.195	0.086	0.025	0.054	0.047	0.252	0.116	0.074	0.118	0.420	0.156	0.008*	-0.222	0.079	0.005*
apoA1	0.055	0.016	0.001	0.032	0.010	0.001	0.144	0.035	6.2x10⁻⁵	0.142	0.063	0.025	0.024	0.043	0.585	0.037	0.079	0.642	0.214	0.159	0.184	-0.059	0.059	0.311
apoA2	0.040	0.016	0.013	0.028	0.010	0.005	0.139	0.035	9.2x10⁻⁵	0.096	0.067	0.153	0.022	0.045	0.627	-0.030	0.075	0.692	0.314	0.188	0.097	0.021	0.066	0.753
apoA4	0.053	0.017	0.001	0.011	0.010	0.293	0.119	0.037	0.001	0.170	0.064	0.009	-0.025	0.044	0.564	0.029	0.072	0.693	0.206	0.187	0.274	-0.075	0.064	0.248
apoD	0.037	0.017	0.030	0.025	0.011	0.015	0.117	0.037	0.002	0.070	0.067	0.300	0.063	0.041	0.120	0.141	0.065	0.032	0.520	0.157	0.001	-0.085	0.062	0.168
apoM	0.019	0.016	0.226	0.023	0.009	0.013	0.142	0.037	1.7x10⁻⁴	-0.003	0.068	0.967	0.010	0.047	0.824	0.117	0.073	0.111	0.270	0.224	0.230	-0.141	0.072	0.049
ferritin	-0.012	0.016	0.458	-0.003	0.009	0.741	-0.055	0.059	0.358	-0.176	0.068	0.010*	0.179	0.043	2.8x10^{-5*}	0.228	0.089	0.011*	0.633	0.141	2.0x10^{-5*}	0.045	0.055	0.409
α 1 antichymotrypsin	0.055	0.016	0.001	0.029	0.010	0.004	0.124	0.036	0.001	0.075	0.068	0.266	0.080	0.045	0.074	0.132	0.071	0.065	0.317	0.184	0.088	0.015	0.068	0.831
α 1 antitrypsin	0.030	0.016	0.054	0.019	0.010	0.054	0.085	0.031	0.007	0.066	0.073	0.366	0.109	0.049	0.028	0.121	0.090	0.180	0.313	0.160	0.054	0.038	0.070	0.581
ceruloplasmin	-0.036	0.018	0.045	-0.008	0.010	0.422	0.136	0.055	0.016	-0.126	0.067	0.061	0.020	0.048	0.672	0.012	0.074	0.867	0.134	0.193	0.489	0.019	0.075	0.801
complement C3	0.036	0.016	0.028	0.016	0.010	0.123	0.091	0.032	0.005	0.073	0.070	0.297	0.000	0.048	0.995	0.088	0.082	0.283	-0.057	0.204	0.779	-0.023	0.068	0.732
α -fibrinogen	0.017	0.019	0.353	0.030	0.011	0.005	0.158	0.046	0.001	-0.088	0.075	0.243	-0.025	0.043	0.566	-0.044	0.078	0.576	0.244	0.164	0.140	-0.036	0.061	0.554
β -fibrinogen	0.029	0.019	0.121	0.037	0.011	0.001	0.153	0.047	0.002	-0.076	0.075	0.312	0.011	0.044	0.803	-0.021	0.083	0.804	0.255	0.148	0.089	0.002	0.061	0.977
γ -fibrinogen	0.048	0.016	0.003	0.031	0.010	0.001	0.056	0.037	0.131	0.156	0.070	0.027	0.142	0.048	0.003	0.324	0.092	4.9x10⁻⁴	0.342	0.155	0.030	0.019	0.065	0.767
haptoglobin	0.011	0.016	0.480	0.004	0.009	0.706	-0.005	0.023	0.835	-0.029	0.069	0.679	0.104	0.040	0.010	0.081	0.083	0.330	0.258	0.172	0.137	0.095	0.049	0.053
hemopexin	0.064	0.016	1.0x10⁻⁴	0.027	0.010	0.007	0.162	0.035	1.1x10⁻⁵	0.147	0.064	0.023	0.018	0.042	0.659	0.077	0.075	0.306	-0.058	0.131	0.657	0.027	0.062	0.668
MMSE	β	SE	P	β	SE	P	β	SE	P	β	SE	P	β	SE	P	β	SE	P	β	SE	P	β	SE	P
apoE	0.011	0.025	0.656	0.027	0.023	0.235	-0.011	0.052	0.834	0.268	0.127	0.036	-0.139	0.065	0.034	0.072	0.088	0.410	-0.266	0.165	0.109	0.012	0.122	0.922
apoA1	-0.042	0.025	0.089	-0.025	0.021	0.237	-0.112	0.068	0.102	-0.159	0.097	0.100	-0.011	0.062	0.865	-0.005	0.097	0.956	-0.141	0.176	0.427	0.124	0.093	0.185
apoA2	-0.022	0.025	0.377	-0.015	0.021	0.492	-0.108	0.067	0.107	-0.121	0.101	0.233	0.033	0.064	0.605	0.070	0.088	0.430	-0.383	0.204	0.063	0.110	0.102	0.280
apoA4	-0.026	0.026	0.322	-0.004	0.023	0.863	-0.093	0.066	0.159	-0.078	0.101	0.440	0.006	0.064	0.924	-0.028	0.089	0.754	-0.156	0.206	0.451	0.016	0.104	0.881
apoD	0.009	0.026	0.747	0.021	0.023	0.353	-0.145	0.068	0.035	-0.006	0.102	0.952	-0.074	0.058	0.203	-0.053	0.079	0.505	-0.402	0.179	0.027	0.073	0.098	0.453
apoM	-0.018	0.023	0.449	-0.024	0.019	0.211	-0.173	0.068	0.012	0.106	0.107	0.321	-0.002	0.066	0.971	-0.065	0.089	0.468	-0.627	0.234	0.009	0.212	0.112	0.059
ferritin	0.043	0.025	0.088	0.045	0.020	0.026	0.098	0.098	0.316	0.250	0.101	0.014	-0.185	0.060	0.002	-0.128	0.107	0.231	-0.322	0.162	0.050	-0.061	0.083	0.464
α 1 antichymotrypsin	-0.050	0.027	0.063	-0.024	0.023	0.284	-0.176	0.066	0.009	-0.041	0.108	0.703	0.000	0.066	0.998	-0.004	0.088	0.960	-0.500	0.203	0.016	0.084	0.109	0.444
α 1 antitrypsin	-0.021	0.025	0.399	-0.019	0.021	0.379	-0.082	0.057	0.154	-0.061	0.112	0.587	-0.064	0.069	0.353	0.008	0.109	0.940	-0.288	0.170	0.094	0.026	0.105	0.806
ceruloplasmin	0.034	0.027	0.218	0.003	0.023	0.904	-0.237	0.095	0.015	0.208	0.101	0.040	0.095	0.068	0.161	0.132	0.087	0.132	-0.413	0.213	0.055	0.131	0.115	0.254
complement C3	-0.019	0.026	0.456	-0.001	0.022	0.959	-0.082	0.059	0.165	-0.070	0.105	0.508	0.091	0.067	0.176	0.031	0.098	0.751	0.081	0.223	0.719	0.097	0.103	0.350
α -fibrinogen	0.023	0.028	0.416	-0.005	0.023	0.822	-0.156	0.085	0.070	0.229	0.109	0.036	-0.010	0.061	0.871	0.128	0.093	0.168	-0.494	0.183	0.008	-0.016	0.094	0.866
β -fibrinogen	0.022	0.029	0.446	-0.019	0.024	0.434	-0.095	0.082	0.247	0.277	0.108	0.011	0.009	0.064	0.882	0.096	0.098	0.329	-0.418	0.173	0.017	0.045	0.100	0.651
γ -fibrinogen	-0.036	0.026	0.166	-0.039	0.022	0.068	-0.024	0.071	0.731	-0.136	0.112	0.226	-0.081	0.069	0.245	-0.174	0.114	0.130	-0.287	0.173	0.101	0.053	0.102	0.603
haptoglobin	-0.004	0.025	0.881	-0.001	0.021	0.954	-0.006	0.055	0.911	0.036	0.101	0.719	-0.063	0.057	0.268	-0.026	0.099	0.790	-0.139	0.188	0.462	-0.043	0.076	0.573
hemopexin	-0.051	0.026	0.052	-0.018	0.022	0.420	-0.166	0.067	0.015	-0.137	0.100	0.171	0.034	0.060	0.567	0.033	0.091	0.722	0.070	0.144	0.630	0.031	0.098	0.753

Supplementary Table 10. Demographics table of BioFINDER subjects stratified by clinical diagnosis and I+ criteria. Values of A β ₄₂, t-tau and p-tau181 are in pg/ml.

Dx	CN								MCI							
	-	-	+	+	-	-	+	+	-	-	+	+	-	+	+	+
N	425	133	67	18	7	15	69	54	72	18	23	11	3	4	71	61
Age: Mean (SD)	70.0(6.0)	71.4(5.3)	71.7(4.4)	75.9(4.9)	76.3(4.2)	75.1(8.2)	73.2(5.2)	72.6(5.2)	68.5(5.9)	71.2(4.7)	71.8(5.3)	73.5(5.1)	69.7(3.2)	69.8(5.7)	71.1(5.0)	73.2(4.6)
Female Sex: N (%)	148(35)	66(50)	21(31)	8(44)	2(29)	8(53)	27(39)	31(57)	45(63)	17(94)	15(65)	8(73)	1(33)	4(100)	31(44)	33(54)
APOE ϵ 4+ve: N (%)	108(26)	27(21)	36(55)	8(44)	3(43)	4(27)	43(62)	38(70)	15(21)	2(11)	16(70)	5(46)	1(33)	2(50)	49(69)	43(71)
A β ₄₂ : mean (SD)	711(227)	809(239)	370(142)	377(118)	962(313)	1,020(260)	351(97)	404(138)	664(206)	790(219)	336(115)	310(117)	901(356)	1,006(380)	317(106)	372(135)
t-tau: mean (SD)	266(72)	305(72)	346(97)	372(98)	396(110)	484(86)	523(148)	588(231)	254(76)	310(60)	338(99)	400(152)	466(193)	402(99)	503(155)	650(235)
A β ₄₂ /t-tau: mean (SD)	0.13(0.02)	0.13(0.02)	0.08(0.02)	0.08(0.02)	0.12(0.02)	0.11(0.02)	0.06(0.02)	0.06(0.01)	0.14(0.02)	0.13(0.01)	0.09(0.03)	0.08(0.03)	0.11(0.03)	0.10(0.04)	0.06(0.02)	0.06(0.02)
p-tau181: mean (SD)	33.9(9.5)	39.0(10.2)	44.7(11.0)	44.4(9.9)	75.9(24.4)	69.4(7.3)	94.6(29.1)	107.5(44.6)	33.1(9.6)	40.3(8.8)	40.8(11.1)	48.1(10.5)	78.5(20.8)	77.3(7.7)	102.8(36.0)	129.6(46.8)
CDR-SB: mean (SD)	0.2(0.4)	0.1(0.4)	0.1(0.3)	0.1(0.3)	0.0(0.0)	0.0(0.0)	0.3(0.6)	0.3(0.5)	1.3(0.9)	1.6(1.1)	1.3(0.9)	1.8(0.7)	0.5(0.0)	1.4(0.5)	1.3(0.9)	1.7(1.0)
MMSE: mean (SD)	29.0(1.0)	28.9(1.1)	29.0(0.9)	28.9(1.0)	28.9(1.1)	28.9(1.1)	28.6(1.3)	28.4(1.4)	27.5(1.9)	27.8(1.5)	27.7(2.0)	26.2(1.8)	28.0(2.0)	25.8(2.1)	26.6(1.7)	26.6(1.6)