

SUPPLEMENTARY TABLES

Supplementary Table 1. Age stratification in specific cognitive function groups.

Groups	Total n (%)	≤70 years old n (%)	71-79 years old n (%)	≥80 years old n (%)	χ^2 Test	
					χ^2	P Value
CTL	238 (33.5)	68 (43.1)	127 (37.1)	43 (20.5)*	26.2	<0.001
MCI	189 (26.6)	37 (23.4)	90 (26.2)	62 (29.5)		
AD	284 (39.9)	53 (33.5)	126 (36.7)	105 (50.0)*		
Total	711	158 (22.2)	343 (48.2)	210 (29.5)		

*P < 0.05 compared to other age groups.

Supplementary Table 2-1. Prediction of the prevalence from CTL to MCI.

	B	SE	P	OR	95% CI
Age	0.054	0.017	0.001	1.056	(1.022, 1.091)
WTAP	-1.699	0.439	<0.001	0.183	(0.077, 0.433)
ZCCHC4	-2.814	1.523	0.065	0.060	(0.003, 1.186)
HNRNPC	-2.234	0.658	0.001	0.107	(0.029, 0.389)
Constant	47.361	11.777	<0.001		

Supplementary Table 2-2. Prediction of the prevalence from CTL to AD.

	B	SE	P	OR	95% CI
Age	0.054	0.015	<0.001	1.055	(1.025, 1.087)
METTL3	1.527	0.699	0.029	4.603	(1.170, 18.118)
METTL14	-2.079	1.067	0.051	0.125	(0.015, 1.013)
WTAP	-1.198	0.494	0.015	0.302	(0.115, 0.795)
YTHDF3	2.084	0.698	0.003	8.033	(2.047, 31.523)
YTHDC1	-1.173	0.493	0.017	0.309	(0.118, 0.813)
IGF2BP2	-0.465	0.174	0.007	0.628	(0.447, 0.883)
HNRNPC	-1.432	0.599	0.017	0.239	(0.074, 0.772)
FTO	-2.409	0.949	0.011	0.090	(0.014, 0.578)
ALKBH5	1.625	0.550	0.003	5.079	(1.728, 14.931)
Constant	19.863	13.301	0.135		

Supplementary Table 2-3. Prediction of the prevalence from MCI to AD.

	B	SE	P	OR	95% CI
Gender	0.399	0.202	0.048	1.490	(1.003, 2.213)
METTL3	1.944	0.698	0.005	6.984	(1.778, 27.432)
WTAP	0.964	0.496	0.052	2.621	(0.991, 6.935)
RBM15	1.473	0.623	0.018	4.361	(1.287, 14.783)
YTHDF1	-2.235	0.796	0.005	0.107	(0.022, 0.50)
YTHDC1	-0.957	0.489	0.051	0.384	(0.147, 1.002)
LRPPRC	-1.945	0.766	0.011	0.143	(0.032, 0.642)
Constant	7.798	9.232	0.398		