

SUPPLEMENTAL MATERIAL

Table S1. Hazard ratios (95% CI) for all-cause and cardiovascular disease mortality according to baseline education adjusted MMSE cut-point.

Cognitive function	No.	All-cause mortality		CVD mortality	
		Hazard ratio (95% CI)	P value	Hazard ratio (95% CI)	P value
Cognitive impairment*	1549	1.30(1.10-1.53)	0.002	1.61(1.23-2.10)	<0.001
Normal cognition	447	Reference		Reference	

*The education adjusted MMSE cut-off scores for cognitive impairment were 25, 27 and 29 for participants with uneducated, primary school and secondary school or above education levels.

Adjusted for age, sex, exercise, alcohol consumption, smoking status, marital status, region, body mass index, education level, activities of daily living, depression, medical history and medications by multivariate Cox models.

CVD, cardiovascular disease; MMSE, Mini-Mental State Examination

Table S2. Hazard ratios (95% CI) for all-cause and cardiovascular disease mortality according to baseline MMSE score in people without cardiovascular disease (n=1599).

MMSE score	No.	All-cause mortality		CVD mortality	
		Hazard ratio (95% CI)	P value	Hazard ratio (95% CI)	P value
Decreased by 5 points	1599	1.38(1.24-1.53)	<0.001	1.64(1.39-1.94)	<0.001
MMSE <18	163	2.20(1.57-3.07)	<0.001	5.02(2.80-8.98)	<0.001
MMSE 18–23	631	1.39(1.06-1.83)	0.018	2.47(1.49-4.10)	0.005
MMSE 24–27	568	1.09(0.84-1.40)	0.528	1.78(1.10-2.88)	0.019
MMSE 28–30	237	Reference		Reference	

Adjusted for age, sex, exercise, alcohol consumption, smoking status, marital status, region, body mass index, education level, activities of daily living, depression, medical history and medications by multivariate Cox models.

CVD, cardiovascular disease; MMSE, Mini-Mental State Examination