

SUPPLEMENTARY TABLE

Supplementary Table 1. Hazard ratios of the number and content of metabolic syndrome components for elderly participants with MCI and dementia.

MCI						
Variables	Model 1		Model 2		Model 3	
	HR (95% CI)	<i>p</i> value	HR (95% CI)	<i>p</i> value	HR (95% CI)	<i>p</i> value
No metabolic syndrome	Ref.	Ref.	Ref.	Ref.	Ref.	Ref.
Number of metabolic syndrome components						
1	1.193 (1.035,1.377)	0.015	1.181 (1.024,1.362)	0.023	1.177 (1.020,1.358)	0.026
2	1.282 (1.110,1.480)	0.001	1.217 (1.053,1.406)	0.008	1.207 (1.044,1.395)	0.011
3	1.244 (1.061,1.458)	0.007	1.199 (1.023,1.046)	0.025	1.179 (1.004,1.385)	0.045
4,5	1.503 (1.263,1.788)	<0.001	1.421 (1.194,1.692)	<0.001	1.402 (1.175,1.672)	<0.001
<i>p</i> for trend	<0.001		0.002		0.002	
Components of metabolic syndrome						
High blood pressure	1.203 (1.093,1.323)	<0.001	1.193 (1.085,1.313)	<0.001	1.193 (1.083,1.315)	<0.001
*Abdominal obesity	1.137 (1.038,1.247)	0.006	1.073 (0.976,1.180)	0.144	1.065 (0.968,1.172)	0.197
High triglycerides	1.028 (0.923,1.145)	0.613	1.014 (0.910,1.129)	0.800	1.007 (0.904,1.122)	0.901
Low HDL level	1.149 (1.038,1.271)	0.007	1.125 (1.016,1.245)	0.024	1.116 (1.007,1.236)	0.036
High glucose	1.092 (0.994,1.200)	0.068	1.088 (0.989,1.197)	0.083	1.070 (0.969,1.180)	0.181
Dementia						
Variables	Model 1		Model 2		Model 3	
	HR (95% CI)	<i>p</i> value	HR (95% CI)	<i>p</i> value	HR (95% CI)	<i>p</i> value
No metabolic syndrome	Ref.	Ref.	Ref.	Ref.	Ref.	Ref.
Number of metabolic syndrome components						
1	1.698 (1.277,2.259)	<0.001	1.531 (1.151,2.037)	0.003	1.539 (1.157,2.049)	0.003
2	1.946 (1.464,2.587)	<0.001	1.566 (1.176,2.087)	0.002	1.575 (1.181,2.100)	0.002
3	1.956 (1.443,2.650)	<0.001	1.559 (1.149,2.117)	0.004	1.568 (1.153,2.133)	0.004
4,5	2.298 (1.657,3.187)	<0.001	1.800 (1.296,2.499)	<0.001	1.814 (1.303,2.527)	<0.001
<i>p</i> for trend	<0.001		0.001		0.002	
Components of metabolic syndrome						
High blood pressure	1.345 (1.141,1.585)	<0.001	1.282 (1.087,1.512)	0.003	1.308 (1.106,1.548)	0.002
Abdominal obesity	1.442 (1.223,1.700)	<0.001	1.149 (0.967,1.365)	0.115	1.147 (0.965,1.364)	0.120
High triglycerides	1.213 (1.014,1.451)	0.035	1.137 (0.950,1.361)	0.161	1.132 (0.946,1.356)	0.176
Low HDL level	1.364 (1.150,1.617)	<0.001	1.247 (1.050,1.480)	0.012	1.241 (1.045,1.474)	0.014
High glucose	1.069 (0.906,1.262)	0.427	1.037 (0.878,1.224)	0.670	1.027 (0.865,1.220)	0.761

Model 1 = unadjusted.

Model 2 = Model 1 + age, gender, and education level.

Model 3 = Model 2 + (smoking, coronary artery disease, hypertension, type 2 DM).

*Abdominal obesity is characterized by waist circumference greater than the cut-off value described in the context.

Abbreviations: HR: Hazard ratio; HDL: High-density lipoprotein cholesterol.