

Supplementary Table: Risk factor analysis of cognitive decline (Univariate regression analysis)

		Age		Education	
		<i>OR (95%CI)</i>	<i>P</i>	<i>OR (95%CI)</i>	<i>P</i>
Executive function	ACE-R	1.02 (0.97-1.07)	0.388	0.41 (0.22-0.79)	<b>0.007</b>
	Memory	1.01 (0.96-1.05)	0.810	0.55 (0.32-0.96)	<b>0.036</b>
	Language	0.99 (0.95-1.04)	0.831	0.47 (0.27-0.82)	<b>0.008</b>
	Visuospace	1.02 (0.97-1.07)	0.518	0.33 (0.17-0.66)	<b>0.002</b>
	TMT A	1.15 (1.08-1.22)	<b>0.000</b>	0.83 (0.49-1.42)	0.504
	TMT B	1.07 (1.02-1.13)	<b>0.010</b>	0.50 (0.27-0.93)	<b>0.029</b>
	DST	1.09 (1.03-1.15)	<b>0.002</b>	0.55 (0.31-1.01)	0.052

The low 20% performance of each cognitive evaluation was defined as cognitive decline.

**Abbreviation:** CM, chronic migraine; CM-MOH, chronic migraine with medication overuse headache; CMwoMOH, chronic migraine without medication overuse headache; MO, migraine without aura; OR, odds ratio; CI, confidence interval; ACE-R, Addenbrooke's cognitive examination test; TMT, Trail Making Test; DST, Digit Symbol Test.