S1. Subgroup analysis of migraine prevalence and stroke occurrence

Characteristics	Young men (20-39 years old, n = 15,550)			Young women (20-39 years old, n = 47,410)		
	Migraine (n = 3,110, %)	Non-Migraine (n = 12,440)	P-value	Migraine (n = 9,482)	Non-Migraine (n = 37,928)	P-value
Ischemic stroke			0.015*			< 0.001*
Yes	15 (0.48)	28 (0.22)		26 (0.27)	41 (0.11)	
No	3,095 (99.52)	12,412 (99.78)		9,456 (99.73)	37,887 (99.89)	
Hemorrhagic stroke			0.157			0.727
Yes	14 (0.45)	36 (0.28)		16 (0.17)	58 (0.15)	
No	3,096 (99.55)	12,404 (99.72)		9,466 (99.73)	37,870 (99.85)	
Characteristics	Middle-aged men (40-59 years old, n = 22,090)			Middle-aged women (40-59 years old, n = 68,240)		
	Migraine (n = 4,418)	Non-Migraine (n = 17,672)	P-value	Migraine (n = 9,482)	Non-Migraine (n = 37,928)	P-value
Ischemic stroke			0.560			0.002*
Yes	68 (1.54)	294 (1.66)		138 (1.46)	409 (1.08)	
No	4,350 (98.46)	17,378 (98.34)		13,648 (98.54)	54,952 (98.92)	

Hemorrhagic stroke			0.157			0.727
Yes	34 (0.77)	127 (0.72)		78 (0.82)	291 (0.77)	
No	4,384 (99.23)	17,545 (99.28)		13,570 (99.18)	54,301 (99.23)	
Characteristics	**Old men (≥ 60 years old, n = 14,740)**			**Old women (≥ 60 years old, n = 39,895)**		
	Migraine (n = 2,948)	Non-Migraine (n = 11,792)	P-value	Migraine (n = 7,979)	Non-Migraine (n = 31,916)	P-value
Ischemic stroke			0.015*			0.002*
Yes	205 (7.0)	756 (6.4)		512 (6.4)	1,766 (5.5)	
No	2,743 (93.0)	11,036 (93.6)		7,467 (93.6)	30,150 (94.5)	
Hemorrhagic stroke			0.157			0.465
Yes	50 (1.7)	155 (1.3)		103 (1.3)	446 (1.4)	
No	2,898 (98.3)	11,637 (98.7)		7,876 (98.7)	31,470 (98.6)	

* Chi-square test; differences were considered significant at P < 0.05.