

**Supplementary Table S1. Sensitivity analysis using ethnic groups**

<b>Ethnic group</b>	<b>N (%)</b>	<b>Bivariable OR (95% CI)</b>	<b>Multivariable OR<sup>^</sup> (95% CI)</b>
<b>SSR</b>			
Chinese	29519 (75.1%)	1.00	-
Indian	2885 (7.3%)	1.22 (0.97-1.53)	
Malay	5577 (14.2%)	1.09 (0.91-1.30)	
Others	1342 (3.4%)	1.07 (0.76-1.51)	
<b>CRRGSR</b>			
Caucasian	4524 (55.8%)	1.00	1.00
African-American	3461 (42.7%)	0.74 (0.62-0.87) **	0.84 (0.71-0.99) **
Asian	60 (0.7%)	0.52 (0.16-1.67)	0.59 (0.14-1.60)
Hispanic	30 (0.4%)	0.34 (0.05-2.50)	0.40 (0.02-1.92)
Others	31 (0.4%)	0.68 (0.16-2.86)	0.72 (0.12-2.43)

SSR: Singapore Stroke Registry; CRRGSR: Cognitive Rehabilitation Research Group Stroke Registry; OR: Odds ratio; CI: Confidence interval;  
<sup>^</sup>Multivariable model was adjusted for admission year as well as history of stroke, ischemic heart disease and atrial fibrillation