

Supplement Table 1. Odds ratios[†] with 95% confidence intervals for individual stroke symptoms associated with older age, women sex and black race and p-values[‡] for differences in the association of these factors with stroke symptoms

Demographic Factors	Individual stroke symptom	OR (95% CI)	Individual Stroke Symptoms, P-values					
			Loss of ability to Communicate	Unilateral numbness	Loss of ability to understand	Painless loss of vision	Loss of one half of vision	Unilateral weakness
Age, per 10 years older	Loss of ability to Communicate	0.99 (0.93 – 1.07)		<.001	0.003	0.535	0.104	<.001
	Unilateral numbness	0.83 (0.79 – 0.87)	<.001		<.001	<.001	<.001	0.349
	Loss of ability to understand	1.16 (1.07 – 1.25)	0.003	<.001		0.035	0.301	<.001
	Painless loss of vision	1.03 (0.97 – 1.10)	0.535	<.001	0.035		0.177	<.001
	Loss of one half of vision	1.09 (1.01 – 1.18)	0.104	<.001	0.301	0.177		<.001
	Unilateral weakness	0.85 (0.80 – 0.90)	<.001	0.349	<.0001	<.001	<.0001	
Sex (Women vs Men)	Loss of ability to Communicate	1.36 (1.19 – 1.56)		0.007	<.001	0.001	0.012	0.006
	Unilateral numbness	1.11 (1.02 – 1.22)	0.007		0.111	0.280	0.648	0.785
	Loss of ability to understand	0.98 (0.84 – 1.14)	<.001	0.111		0.531	0.344	0.168
	Painless loss of vision	1.03 (0.92 – 1.16)	0.001	0.280	0.531		0.608	0.408
	Loss of one half of vision	1.07 (0.93 – 1.24)	0.012	0.648	0.344	0.608		0.786
	Unilateral weakness	1.09 (0.98 – 1.22)	0.006	0.785	0.168	0.408	0.786	
Race (Black vs White)	Loss of ability to Communicate	1.33 (1.16 – 1.51)		<.001	<.001	0.160	0.518	<.001
	Unilateral numbness	1.97 (1.81 – 2.16)	<.001		0.497	<.001	<.001	0.864
	Loss of ability to understand	1.87 (1.61 – 2.18)	<.001	0.4965		<.001	<.001	0.581
	Painless loss of vision	1.18 (1.05 – 1.33)	0.160	<.0001	<.001		0.434	<.001
	Loss of one half of vision	1.25 (1.08 – 1.44)	0.518	<.0001	<.001	0.434		<.001
	Unilateral weakness	1.96 (1.76 – 2.18)	<.001	0.864	0.581	<.001	<.001	

OR, odds ratio; CI, confidence intervals

† Odds ratios include adjustment for region of residence and the other demographic factors.

‡ P-values represent the pair-wise comparison for the association between a demographic factor and two individual stroke symptoms.

Supplement Table 2. Odds ratios[†] with 95% confidence intervals and p-values[‡] for individual stroke symptoms associated with cigarette smoking, hypertension and diabetes

Modifiable risk factors	Individual stroke symptoms	OR (95% CI)	Individual stroke symptoms, P-values					
			Loss of ability to Communicate	Unilateral numbness	Loss of ability to understand	Painless loss of vision	Loss of one half of vision	Unilateral weakness
Current Smoking (Yes vs No)	Loss of ability to Communicate	1.47 (1.24 – 1.74)		0.563	0.528	0.876	0.242	0.289
	Unilateral numbness	1.55 (1.38 – 1.72)	0.563		0.941	0.429	0.070	0.456
	Loss of ability to understand	1.54 (1.27 – 1.87)	0.528	0.941		0.508	0.121	0.706
	Painless loss of vision	1.44 (1.24 – 1.68)	0.876	0.429	0.508		0.206	0.201
	Loss of one half of vision	1.27 (1.05 – 1.54)	0.242	0.070	0.121	0.206		0.027
	Unilateral weakness	1.62 (1.42 – 1.84)	0.289	0.456	0.706	0.201	0.027	
Hypertension (Yes vs No)	Loss of ability to Communicate	1.26 (1.10 – 1.45)		0.610	0.714	0.676	0.642	0.030
	Unilateral numbness	1.32 (1.20 – 1.45)	0.610		0.930	0.293	0.322	0.016
	Loss of ability to understand	1.29 (1.09 – 1.52)	0.714	0.930		0.477	0.467	0.113
	Painless loss of vision	1.21 (1.07 – 1.37)	0.676	0.293	0.477		0.909	0.006
	Loss of one half of vision	1.20 (1.03 – 1.40)	0.642	0.322	0.464	0.909		0.014
	Unilateral weakness	1.52 (1.35 – 1.70)	0.030	0.016	0.113	0.006	0.014	
Diabetes (Yes vs No)	Loss of ability to Communicate	1.31 (1.13 – 1.53)		0.501	0.019	0.020	0.010	0.200
	Unilateral numbness	1.39 (1.26 – 1.54)	0.501		0.101	0.034	0.020	0.357
	Loss of ability to understand	1.61 (1.36 – 1.91)	0.019	0.101		0.889	0.593	0.314
	Painless loss of vision	1.64 (1.44 – 1.88)	0.020	0.034	0.889		0.582	0.181
	Loss of one half of vision	1.71 (1.46 – 2.01)	0.010	0.020	0.593	0.582		0.103
	Unilateral weakness	1.48 (1.31 – 1.66)	0.200	0.357	0.314	0.181	0.103	

OR, odds ratio; CI, confidence intervals

[†] Odds ratios include adjustment for age, race, sex and region of residence.

[‡] P-values represent the pair-wise comparison for the association between a modifiable risk factor and two individual stroke symptoms.

Appendix: Questionnaire for Verifying Stroke-Free Status – Individual stroke symptoms

1. Have you ever had sudden painless weakness on one side of your body?
2. Have you ever had sudden numbness or a dead feeling on one side of your body?
3. Have you ever had sudden painless loss of vision in one or both eyes?
4. Have you ever suddenly lost one half of your vision?
5. Have you ever suddenly lost the ability to understand what people were saying?
6. Have you suddenly lost the ability to express yourself verbally or in writing?

See reference 13.