

S1 Table. Posterior median odds ratios (95% CI) of the four cardiovascular conditions (HBP, IHD, Stroke and Dyslipidaemia) across selected individual and household covariates: South Africa 2012.

	High Blood Pressure(HBP)	Ischaemic Heart Disease(IHD)	Stroke	Dyslipidaemia
Population Group	Adjusted Odds ratios (95% CI)	Adjusted Odds ratios (95% CI)	Adjusted Odds ratios (95% CI)	Adjusted Odds ratios (95% CI)
Sex				
Female	1.0	1.0	1.0	1.0
Male	0.8 (0.7-1.0)	0.7 (0.5-0.)	0.9 (0.6-1.3)	0.8 (0.7-0.9)
Age(Years)				
15-24	1.0	1.0	1.0	1.0
25-34	1.7 (1.3-2.2)	2.1 (1.3-3.5)	2.2 (0.9-5.6)	1.1 (0.9-1.4)
35-44	3.8 (2.9-4.9)	3.3 (2.1-5.3)	4.6 (2.1-11.4)	1.3 (1.1-1.6)
45-54	9.1 (7.0-11.7)	3.5 (2.2-5.6)	4.7 (2.1-11.5)	1.6 (1.3-2.0)
55-64	16.0 (12.1-21.2)	4.3 (2.7-7.0)	8.0 (3.6-19.6)	1.5 (1.2-1.8)
65+	25.6 (18.6-35.2)	5.0 (3.1-8.3)	11.6 (5.2-28.9)	1.3 (1-1.6)
Education				
No schooling	1.0	1.00	1.00	1.00
Primary school	1.1 (0.8-1.)	0.9 (0.6-1.4)	1.2 (0.7-2.1)	1.169 (1.0-1.5)
Secondary school	1.1 (0.8-1.5)	0.8 (0.5-1.2)	1.2 (0.7-2.2)	1.173 (1.0-1.5)
Matric	0.0 (0.7-1.4)	0.5 (0.3-0.9)	1.0 (0.4-2.1)	1.1 (0.8-1.4)
Higher education	1.203 (0.8-1.8)	0.7 (0.3-1.3)	1.3 (0.6-3.2)	0.9 (0.6-1.2)
Race				
African	1.00	1.00	1.00	1.00
White	0.9 (0.6-1.6)	1.6 (0.8-3.1)	1.0 (0.2-2.6)	3.0 (1.9-4.7)
Coloured	1.3 (1.0-1.7)	0.7 (0.5-1.1)	1.1 (0.6-1.9)	1.0 (0.8-1.2)
Indian/Asian	0.7 (0.4-1.0)	0.7 (0.4-1.3)	0.4 (0.1-1.1)	1.4 (1.0-2.0)
Locality				
Urban formal	1.00	1.00	1.00	1.00
Urban informal	0.8 (0.6-1.1)	0.5 (0.3-0.8)	0.7 (0.3-1.5)	0.8 (0.6-1.0)
Rural informal(Tribal)	0.7 (0.5-0.9)	0.9 (0.6-1.4)	1.2 (0.7-2.0)	0.9 (0.7-1.1)
Rural formal(Farms)	0.9 (0.7-1.19)	0.6 (0.4-1.0)	1.0 (0.5-1.7)	1.0 (0.8-1.3)
BMI*				
Normal	1.00	1.00	1.00	1.00
Underweight	0.7 (0.5-0.9)	1.3 (0.8-2.1)	1.1 (0.5-2.3)	0.6 (0.5-0.8)
Overweight	1.7 (1.4-2.0)	1.1 (0.8-1.5)	1.1 (0.8-1.8)	1.9 (1.7-2.2)
Diabetes				
No	1.00	1.00	1.00	1.00
Yes	2.8 (2.2-3.6)	1.8 (1.3-2.4)	1.4 (0.9-2.1)	1.7 (1.3-2.1)
Smoking				
Never	1.00	1.00	1.00	1.00
Smoker	1.1 (0.9-1.3)	1.0 (0.7-1.4)	1.0 (0.6-1.6)	1.0 (0.9-1.2)
Alcohol use				
Never	1.00	1.00	1.00	1.00
Drinker	1.1 (0.9-1.3)	0.9 (0.7-1.3)	1.3 (0.8-2.0)	0.8 (0.6-0.9)
Wealth quintiles				

(households survey)				
QI (Lowest)	1.00	1.00	1.00	1.00
QII	1.0 (0.8-1.2)	0.8 (0.6-1.2)	1.161 (0.6-2.2)	0.8 (0.7-1.0)
QIII	0.9 (0.7-1.2)	1.7 (1.-2.5)	2.26 (1.3-4.1)	0.7 (0.6-0.9)
QIV	0.9 (0.7-1.2)	1.1 (0.7-1.7)	2.072 (1.1-4.0)	0.9 (0.7-1.1)
QV(Highest)	1.2 (0.9-1.7)	0.8 (0.5-1.4)	0.9572 (0.4-2.2)	1.4 (1.1-1.8)

**normal weight (BMI 18.5 > 25.0) vs. underweight (BMI < 18.5), overweight/obese(BMI ≥ 25)*