

Additional File 6

Association between race/skin colour and multimorbidity by a list of 13 morbidities, ELSA-Brasil baseline

Multimorbidity cutoff ^a	Crude Estimate	Adjusted for age and sex
	PR (95% CI)	PR (95% CI)
≥ 2 morbidities (43.15%)^b		
Mixed-race	1.01 (0.97-1.05)	1.03 (0.99-1.08)
Black	1.07 (1.02-1.13)*	1.05 (1.00-1.11)
AIC	19 279	18 753
≥ 3 morbidities (19.44%)^b		
Mixed-race	1.01 (0.94-1.09)	1.06 (0.98-1.14)
Black	1.12 (1.02-1.23)*	1.10 (1.00-1.20)
AIC	13 889	13 441
≥ 4 morbidities (7.35%)^b		
Mixed-race	1.17 (1.02-1.34)*	1.25 (1.09-1.44)**
Black	1.28 (1.10-1.50)**	1.25 (1.07-1.47)**
AIC	7398	7073
≥ 5 morbidities (2.27%)^b		
Mixed-race	1.12 (0.88-1.44)	1.22 (0.95-1.56)
Black	1.15 (0.85-1.54)	1.12 (0.83-1.51)
AIC	3060	2928
≥ 6 morbidities (0.68%)^b		
Mixed-race	1.70 (1.07-2.70)*	1.89 (1.18-3.01)**
Black	2.18 (1.31-3.60)**	2.16 (1.30-3.59)**
AIC	1145	1091

Notes: PR= prevalence ratios; 95% CI= 95% confidence interval; AIC= Akaike Information Criterion. List of 13 morbidities: cancer; rheumatic fever; ischemic heart disease; cardiac insufficiency; cerebrovascular accident; emphysema, chronic bronchitis or chronic obstructive pulmonary disease; asthma; liver cirrhosis or hepatitis; joint disorders; renal disease; diabetes; common non-psychotic mental disorders; and migraine.

^aReference category in all models: white race/skin colour. ^bProportion in brackets indicates prevalence of multimorbidity at the corresponding cutoff. Significance: *** p value ≤ 0.001 ; ** $0.001 < p$ value ≤ 0.01 ;

* $0.01 < p$ value < 0.05 .