

Table 5 Age-adjusted and multivariate-adjusted odds ratios of health-related characteristics of married and unmarried adults aged ≥ 65 years

Health-related variable	Married				Unmarried ^a			
	Age-adjusted		Multivariate adjusted		Age-adjusted		Multivariate adjusted	
	OR	95% CI	OR	95% CI	OR	95% CI	OR	95% CI
Co-morbidities								
Hypertension								
No	Ref.				Ref.			
Yes	1.22	0.82–1.81	1.09	0.70–1.69	1.67 ^b	1.15–2.43	1.36	0.88–2.10
Vascular disorder								
No	Ref.				Ref.			
Yes	1.16	0.76–1.78	0.96	0.59–1.55	2.02 ^b	1.37–2.98	1.69 ^b	1.08–2.64
Diabetes mellitus								
No	Ref.				Ref.			
Yes	1.48	0.96–2.30	1.33	0.81–2.17	1.12	0.72–1.72	0.89	0.54–1.48
Pulmonary disorder								
No	Ref.				Ref.			
Yes	1.84	0.93–3.63	1.49	0.69–3.20	1.83	0.94–3.57	1.21	0.56–2.59
Activities of daily living								
ADL score	1.10	0.96–1.26	0.98	0.82–1.16	1.16 ^b	1.02–1.32	1.02	0.86–1.22
Communication problems								
Speech problems								
No	Ref.				Ref.			
Yes	1.45	0.68–3.09	1.02	0.41–2.57	3.52 ^b	1.85–6.72	4.19 ^b	1.71–10.2
Hearing problems								
No	Ref.				Ref.			
Yes	1.99 ^b	1.21–3.27	1.31	0.62–2.78	1.69 ^b	1.09–2.64	1.07	0.54–2.12
Sight problems								
No	Ref.				Ref.			
Yes	1.80 ^b	1.12–2.89	1.00	0.49–2.06	1.41	0.92–2.16	0.75	0.41–1.38

^aSingle, divorced, separated and widowed; ^bP < 0.05.

Ref. = reference category; OR = odds ratio; CI = confidence interval.