

Subgroup	No social activity	Social activity	TR (95% CI)	interaction		
Sex						
Male	7366 (74.25%)	1123 (58.07%)	1.74 (1.39–2.18)		<0.001	0.022
Female	12051 (77.82%)	621 (50.78%)	2.63 (2.04–3.38)		<0.001	
Age (years)						
<80	2354 (42.16%)	537 (34.67%)	1.59 (0.95–2.66)		0.078	0.041
≥80, <100	11035 (82.55%)	1022 (73.42%)	2.45 (2.00–3.00)		<0.001	
≥100	6028 (93.38%)	185 (85.65%)	1.78 (1.35–2.34)		<0.001	
Education						
No	14114 (80.63%)	726 (62.91%)	2.09 (1.66–2.63)		<0.001	0.215
Yes	5303 (67.12%)	1018 (50.82%)	1.85 (1.44–2.38)		<0.001	
Marital status						
Not in marriage	15501 (83.63%)	1001 (68.56%)	2.30 (1.91–2.78)		<0.001	0.549
In marriage	3916 (56.99%)	743 (43.78%)	1.41 (1.00–1.99)		0.051	
Residence						
Rural	12535 (77.67%)	840 (60.65%)	1.84 (1.46–2.33)		<0.001	0.054
Urban	6882 (74.26%)	904 (51.02%)	2.30 (1.82–2.91)		<0.001	
Co-residence						
With family members	16225 (76.61%)	1367 (52.70%)	2.19 (1.82–2.64)		<0.001	0.003
Alone/in an institution	3192 (75.53%)	377 (66.96%)	1.52 (1.06–2.17)		0.022	
Household income						
Fair/poor	17107 (76.80%)	1432 (53.25%)	2.14 (1.79–2.57)		<0.001	0.177
Rich	2310 (73.78%)	312 (66.67%)	1.72 (1.16–2.55)		0.007	
Fresh fruit/vegetable <sup>a</sup>						
Occasionally/never	2733 (82.24%)	162 (63.04%)	1.85 (1.17–2.95)		0.009	0.178
Often	16684 (75.55%)	1582 (54.55%)	2.12 (1.78–2.53)		<0.001	
Healthy lifestyle <sup>b</sup>						
No	16733 (77.59%)	1216 (57.79%)	2.08 (1.72–2.52)		<0.001	0.178
Yes	2684 (69.90%)	528 (50.14%)	2.29 (1.62–3.22)		<0.001	
Comorbidity <sup>c</sup>						
No	12355 (76.92%)	1049 (57.10%)	1.99 (1.61–2.46)		<0.001	0.971
Yes	5602 (74.24%)	570 (50.89%)	2.47 (1.84–3.32)		<0.001	
Self-rated health <sup>d</sup>						
Fair/poor	12676 (76.95%)	1149 (56.10%)	2.38 (1.94–2.92)		<0.001	0.121
Good	5281 (74.01%)	470 (51.71%)	2.00 (1.44–2.76)		<0.001	

1.0

2.0

&lt;- Favors no social activity      Favors social activity -&gt;