

Intrinsic capacity trajectories and socioeconomic inequalities in health: the contributions of wealth, education, gender, and ethnicity

Appendix 1

Table S1. Multinomial logistic regression results

		Moderate declining versus Steep declining		Slight increasing versus Steep declining	
		Risk Relative Ratio	Confidence interval 95%	Risk Relative Ratio	Confidence interval 95%
Wealth (reference: Q1)					
	Q2	1.24	[0.82, 1.89]	1.08	[0.63, 1.84]
	Q3	1.26	[0.82, 1.95]	1.58	[0.93, 2.70]
	Q4	1.62	[1.00, 2.60]	2.72	[1.54, 4.82]
	Q5	2.20	[1.19, 4.08]	5.04	[2.50, 10.16]
Educational level(reference: Q1)					
	Q2	1.77	[1.22, 2.58]	2.51	[1.53, 4.12]
	Q3	2.10	[1.43, 3.07]	3.98	[2.45, 6.47]
	Q4	2.53	[1.24, 5.14]	8.87	[4.03, 19.52]
	Q5	10.15	[3.28, 31.37]	55.17	[16.88, 180.29]
Gender (female=1)		0.27	[0.16, 0.43]	0.06	[0.04, 0.12]
Ethnicity (indigenous=1)		0.52	[0.32, 0.87]	0.47	[0.26, 0.86]
Physical activity (reference: low level)					
	Moderate Level	1.13	[0.77, 1.65]	1.27	[0.81, 2.01]
	High Level	0.81	[0.56, 1.15]	0.95	[0.62, 1.46]
Smooking habit (reference: never)					
	Ever smoked, no longer	0.66	[0.43, 1.02]	0.64	[0.39, 1.06]
	Current smoker, not daily	0.37	[0.18, 0.77]	0.31	[0.13, 0.72]
	Current smoker, daily	0.89	[0.48, 1.66]	1.03	[0.51, 2.05]
Alcohol consumption (reference: never)					
	Ever drinker, no longer	1.21	[0.85, 1.71]	1.38	[0.91, 2.10]
	Current drinker (low risk)	0.68	[0.33, 1.39]	1.42	[0.66, 3.08]
	Current drinker (high risk)	2.31	[0.54, 9.85]	3.41	[0.73, 15.87]
Fruit & vegetable consumption		0.96	[0.63, 1.45]	1.26	[0.78, 2.03]
Age		0.87	[0.86, 0.89]	0.79	[0.77, 0.81]
Paid job (last week)		1.74	[1.13, 2.67]	1.63	[1.01, 2.62]
Union status (with partner=1)		0.99	[0.72, 1.36]	1.21	[0.82, 1.79]
Health insurance (yes=1)		1.74	[1.22, 2.49]	1.97	[1.27, 3.05]
Sedentary Behavior (Daily sitting hours)		0.92	[0.86, 0.99]	0.92	[0.85, 1.00]
Multimorbidity		0.67	[0.49, 0.93]	0.42	[0.29, 0.61]

Appendix 2

Table S2. Multinomial logistic regression results for the interaction terms

	Moderate decreasing versus Steep decreasing		Slight increasing versus Steep decreasing	
	Coefficient	p-value	Coefficient	p-value
Main terms				
Wealth	-0.19	0.47	0.24	0.07
Educational level	0.08	0.76	0.26	0.05
Gender	-0.19	0.08	-0.27	0.00
Ethnicity	-0.02	0.88	0.12	0.22
Interaction terms				
Wealth*Educational level	0.18	0.49	-0.11	0.41
Wealth*Gender	0.29	0.31	0.04	0.77
Wealth*Ethnicity	-0.57	0.22	-0.28	0.13
Educational level*Gender	-0.04	0.90	0.25	0.06
Educational level*Ethnicity	0.96	0.07	0.30	0.11
Gender*Ethnicity	-0.12	0.53	-0.24	0.12

Adjusted for covariates shown in Table 2