

ORIGINAL RESEARCH ARTICLE

Income-related inequality in health outcomes among older individuals in China: A measurement and decomposition analysis

Supplementary file

Table S1. Concentration index (CI) for SRH and ADL ability

Concentration index	SRH	Having ADL limitations
Unstandardized CI	0.014	-0.066
Standardized CI	0.013	0.045

Note: The method of concentration index does not include covariates.
Abbreviations: ADL: Activities of daily living; SRH: Self-rated health.

Table S2. Determinants of SRH and ADL ability

Variables	SRH	ADL ability
Demographic variables		
Age	-0.010 (0.002)***	0.022 (0.001)***
Gender	0.117 (0.030)***	-0.016 (0.018)
Socioeconomic variables		
Income	0.064 (0.009)***	-0.022 (0.002)***
Education (Reference: Illiteracy)		
Elementary school	-0.048 (0.038)	-0.064 (0.019)***
Middle school and above	-0.221 (0.065)***	-0.094 (0.028)***
Having medical insurance	-0.047 (0.048)	0.001 (0.027)
Marital status	0.066 (0.033)**	0.002 (0.018)
Residence (Reference: City)		
Town	0.089 (0.042)**	-0.092 (0.029)***
Rural	0.131 (0.043)***	-0.101 (0.030)***
Regions (Reference: North)		
Northeast	-0.018 (0.100)	0.064 (0.059)
East	-0.177 (0.067)***	-0.029 (0.043)
South Central	-0.278 (0.067)***	-0.060 (0.042)
Northwest	-0.348 (0.158)**	0.057 (0.079)
Southwest	-0.272 (0.074)***	-0.060 (0.045)
Constant	3.643 (0.203)***	-1.102 (0.143)***
<i>N</i>	10,078	

Notes: Values in the cells represent coefficient (standard error).

*** $p < 0.01$, ** $p < 0.05$, * $p < 0.1$.

Abbreviations: ADL: Activities of daily living; SRH: Self-rated health.

Table S3. Decomposition results of SRH and ADL ability

Variables	CI	Self-rated health		ADL ability	
		Contribution	Relative contribution (%)	Contribution	Relative contribution (%)
Age	-0.002	0.000	0.04	0.000	0.44
Gender	0.005	0.001	1.30	0.000	0.84
Income	0.087	0.006	11.93	-0.002	19.80
Education					
Elementary school	0.163	-0.008	-16.96	-0.011	106.67
Middle school and above	0.385	-0.085	-182.73	-0.036	367.63
Having medical insurance	-0.004	0.000	0.41	0.000	0.06
Marital status	0.006	0.000	0.90	0.000	-0.13
Residence					
Town	-0.106	-0.009	-20.28	0.010	-98.28
Rural	-0.172	-0.023	-48.56	0.017	-176.10
Regions					
Northeast	0.136	-0.002	-5.26	0.009	-88.47
East	0.020	-0.003	-7.50	-0.001	5.79
South Central	-0.091	0.025	54.41	0.005	-55.43
Northwest	-0.178	0.062	133.03	-0.010	103.70
Southwest	-0.053	0.014	31.10	0.003	-32.19

Abbreviations: ADL: Activities of daily living; CI: Concentration index; SRH: Self-rated health.