

Supplementary Materials: The Effects of Age, Period and Cohort on Mortality from Ischemic Heart Disease in China

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Table S1. Intrinsic estimates for adjusted ischemic heart disease (IHD) mortality rates in urban and rural Chinese population.

	Urban Population			Rural Population		
	Coeff.	exp(Coeff.)	SE	Coeff.	exp(Coeff.)	SE
Intercept	-8.15 *	0.00 *	0.02	-8.23 *	0.00 *	0.04
Age (Year)						
20–24	-2.94 *	0.05 *	0.15	-2.49 *	0.08 *	0.27
25–29	-2.53 *	0.08 *	0.11	-2.17 *	0.11 *	0.20
30–34	-1.81 *	0.16 *	0.08	-1.46 *	0.23 *	0.15
35–39	-1.36 *	0.26 *	0.07	-1.20 *	0.30 *	0.13
40–44	-0.72 *	0.49 *	0.05	-0.63 *	0.53 *	0.10
45–49	-0.34 *	0.71 *	0.05	-0.45 *	0.64 *	0.09
50–54	0.14 *	1.16 *	0.04	0.09	1.10	0.08
55–59	0.48 *	1.61 *	0.03	0.30 *	1.35 *	0.06
60–64	0.94 *	2.57 *	0.03	0.70 *	2.01 *	0.05
65–69	1.42 *	4.13 *	0.02	1.11 *	3.04 *	0.05
70–74	1.85 *	6.35 *	0.02	1.62 *	5.05 *	0.04
75–79	2.21 *	9.15 *	0.02	2.03 *	7.58 *	0.05
80–84	2.65 *	14.11 *	0.03	2.56 *	12.89 *	0.05
Period (Year)						
1988	-0.71 *	0.49 *	0.03	-0.71 *	0.49 *	0.06
1993	-0.38 *	0.69 *	0.02	-0.52 *	0.59 *	0.05
1998	-0.07 *	0.93 *	0.02	-0.15 *	0.86 *	0.04
2003	0.09 *	1.10 *	0.02	0.21 *	1.24 *	0.03
2008	0.37 *	1.44 *	0.02	0.25 *	1.29 *	0.03
2013	0.70 *	2.01 *	0.02	0.92 *	2.50 *	0.04
Cohort (Year)						
1904–1908	1.50 *	4.46 *	0.06	1.00 *	2.71 *	0.14
1909–1913	1.26 *	3.54 *	0.04	0.89 *	2.44 *	0.10
1914–1918	1.06 *	2.89 *	0.03	0.75 *	2.13 *	0.08
1919–1923	0.88 *	2.40 *	0.03	0.71 *	2.04 *	0.06
1924–1928	0.79 *	2.19 *	0.02	0.80 *	2.22 *	0.05
1929–1933	0.62 *	1.85 *	0.02	0.65 *	1.91 *	0.04
1934–1938	0.33 *	1.40 *	0.03	0.46 *	1.59 *	0.05
1939–1943	0.01	1.01	0.03	0.26 *	1.30 *	0.06
1944–1948	-0.17 *	0.84 *	0.04	0.15 *	1.16 *	0.07
1949–1953	-0.25 *	0.78 *	0.05	0.02	1.03	0.08
1954–1958	-0.39 *	0.68 *	0.05	-0.19 *	0.83 *	0.10
1959–1963	-0.45 *	0.64 *	0.06	-0.42 *	0.66 *	0.11
1964–1968	-0.59 *	0.55 *	0.07	-0.42 *	0.66 *	0.12
1969–1973	-0.63 *	0.53 *	0.07	-0.67 *	0.51 *	0.14
1974–1978	-0.91 *	0.40 *	0.10	-0.91 *	0.40 *	0.18
1979–1983	-0.96 *	0.38 *	0.12	-1.09 *	0.34 *	0.25
1984–1988	-0.95 *	0.39 *	0.16	-0.82 *	0.44 *	0.31
1989–1993	-1.13 *	0.32 *	0.27	-1.19 *	0.31 *	0.51
Deviance	1381.46			13771.45		
DOF	44			44		
AIC	28.6994			188.4577		
BIC	1189.771			13579.76		

* $p < 0.05$; exponentiated coefficients interpreted as odds ratios. Coeff.: coefficient; exp(Coeff.): relative risk; SE: standard error of the coefficients; AIC: Akaike's information criterion; BIC: Bayesian information criterion; DOF: degree of freedom. The smaller the AIC and BIC, the better the model fit.

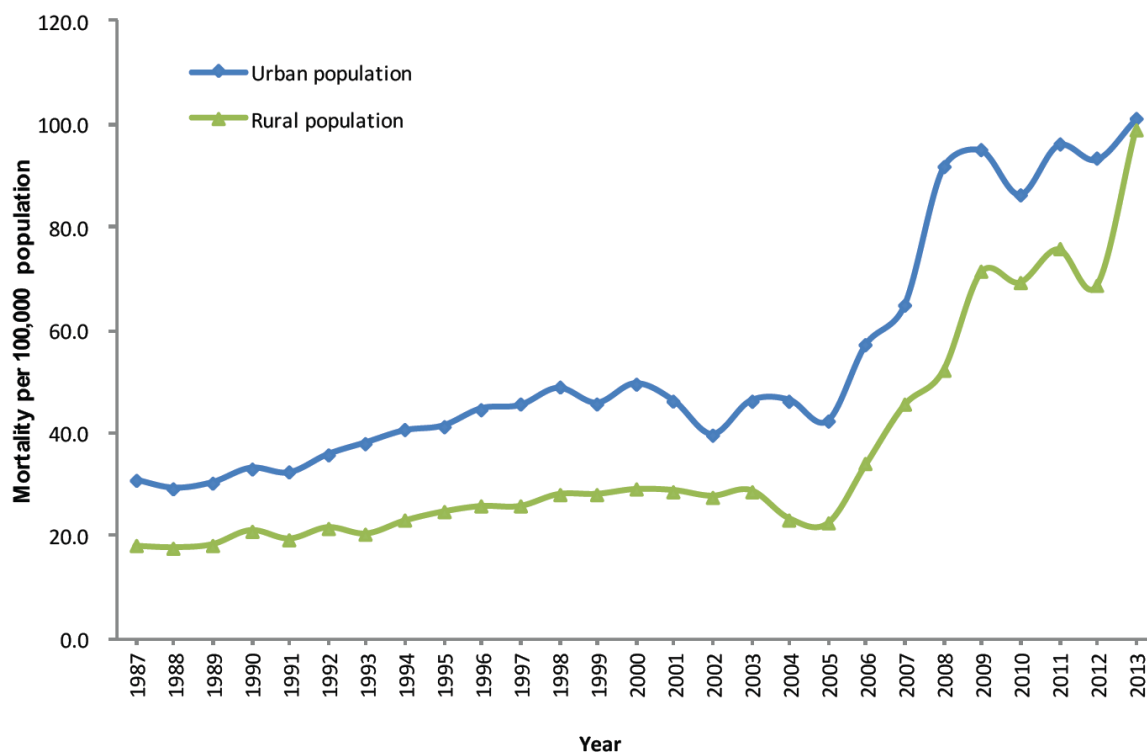


Figure S1. Adjusted ischemic heart disease (IHD) mortality rates trend in urban and rural China, 1987–2013.

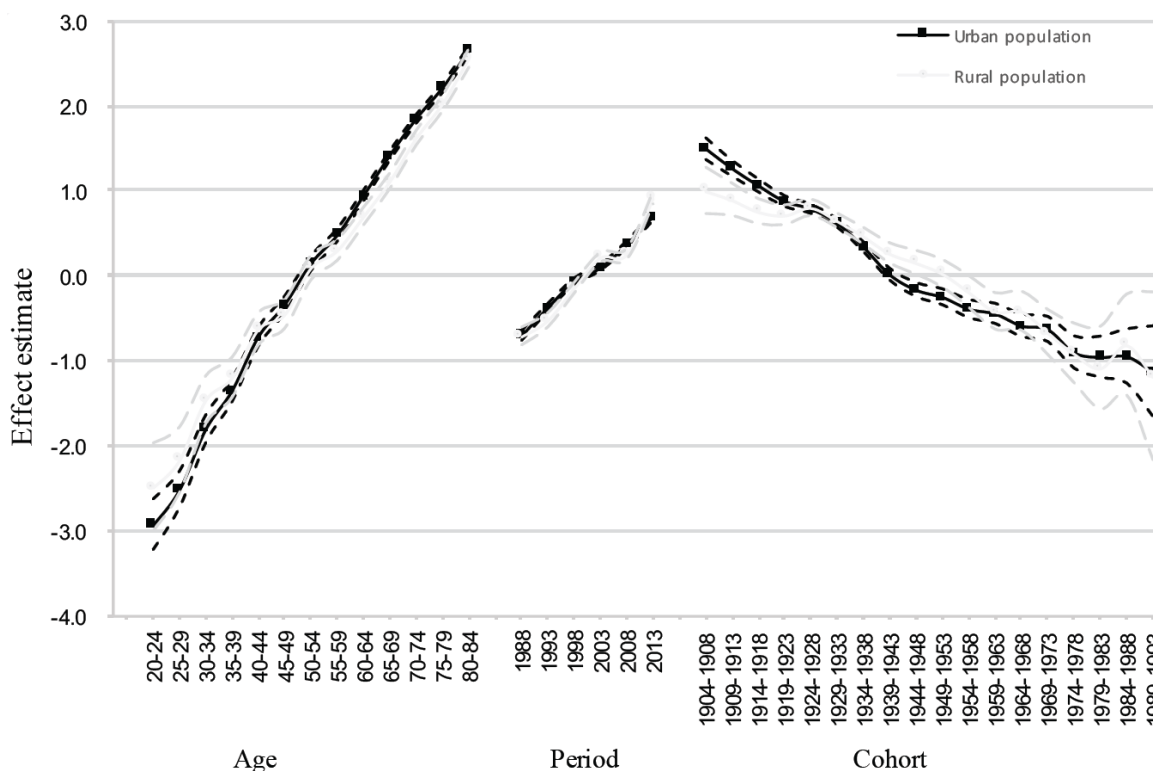
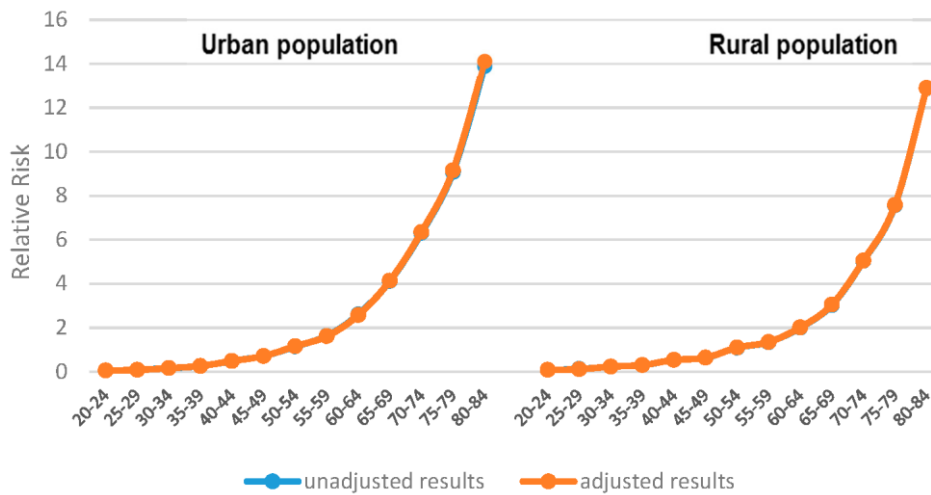
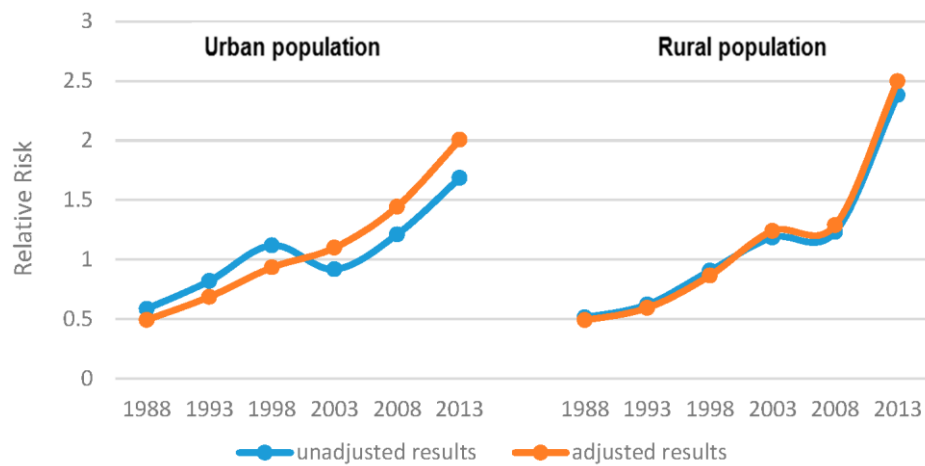


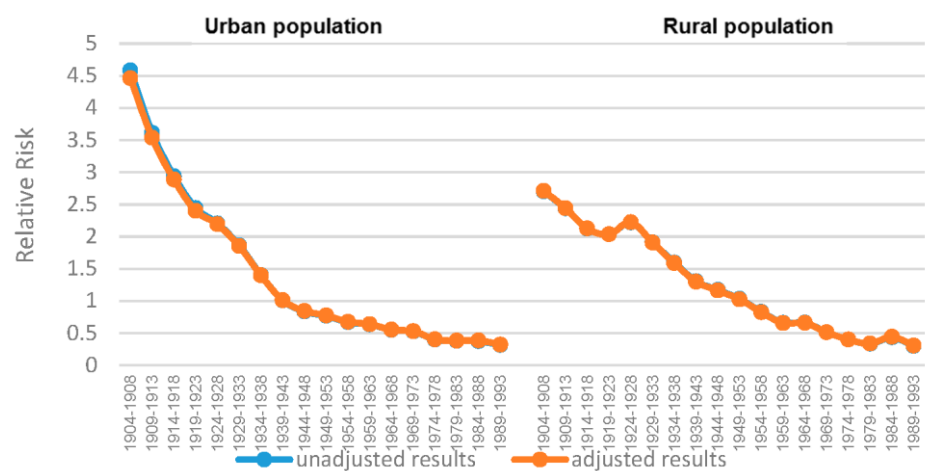
Figure S2. Age-period-cohort effects on IHD mortality in China (adjusted results).



(A)



(B)



(C)

Figure S3. (A). Comparability between adjusted and unadjusted results of age effects on IHD mortality. (B) Comparability between adjusted and unadjusted results of period effects on IHD mortality. (C) Comparability between adjusted and unadjusted results of cohort effects on IHD mortality.