Table S1 Summary of studies of income inequality and health over time, additional to Zheng (2012)

Reference	Outcome	Country	Sample	Observation Level	Inequality Measure	Covariates	Estimator	Result(s) βineq; p-value	Other Tests	Findings
Babones (2008)	Life Expectancy	96 Countries	1970--1995	Country	Gini	GDP per capita	Fixed effect (1st Difference) OLS	-0.031; p>0.1	Simple regression, Cross Sectional Regressions, Income artefact excercise	Not Supportive
		94 Countries (Exl. Soviet Block)				GDP per capita	Fixed effect (1st Difference) OLS	0.019; p>0.1		Not Supportive
		45 Countries (Trend Cases)				GDP per capita	Fixed effect (1st Difference) OLS	-0.055; p>0.1		Not Supportive
		43 Countries (Trend cases exl. Soviet block)				GDP per capita	Fixed effect (1st Difference) OLS	0.071; p>0.1		Not Supportive
	Child Mortality	92 Countries				GDP per capita	Fixed effect (1st Difference) OLS	0.091; p>0.1		Not Supportive
		89 Countries (Exl. Soviet Block)				GDP per capita	Fixed effect (1st Difference) OLS	0.101; p>0.1		Not Supportive
		45 Countries (Trend cases)				GDP per capita	Fixed effect (1st Difference) OLS	0.162; p>0.1		Not Supportive
		42 Countries (Trend cases exl. Soviet block)				GDP per capita	Fixed effect (1st Difference) OLS	0.191; p>0.1		Not Supportive
Cantarero et al (2005)	Life Expectancy (male)	International	1993-2000	Country	Gini (OECD Scale)	(1/GDP), (1/GDP) squared	REM	-0.073; p<0.1	NB: Hausman Test prefers FEM estimates	Supportive
							FEM	-0.094; p<0.05		Supportive
					Gini (Modified OECD scale)		REM	-0.075; p<0.05	NB: Hausman Test prefers FEM estimates	Supportive
							FEM	-0.097; p<0.05		Supportive
	Child Mortality				Gini (OECD Scale)		REM	0.069; p<0.05	NB: Hausman Test prefers REM estimates	Supportive
							FEM	0.087; p<0.1		Supportive
					Gini (Modified OECD scale)		REM	0.057; p<0.1	NB: Hausman Test prefers REM estimates	Supportive
							FEM	0.097; p>0.1		Not Supportive

Clarkwest (2008)	Change in life expectancy	USA	1970-2000	Regional	ΔGini	Gini in period t, Time dummies, life expectancy in period t	OLS	-0.100; p<0.01	Alternate specification with different fixed effects and other initial values	Supportive
Drabo (2011)	CO2 Emissions	International	1970-2000	Country	Gini (EHII database)	1st Stage: EHII, GDP per capita, GDP per capita squared, population density, Primary School enrolment, Fertiliser use, Foreign direct investment, trade openness 2nd Stage: GDP per capitat-1, Immunisation rate, Primary School enrollmentt-1, CO2 emissions*	2SLS: 1st Stage 2SLS: 2nd Stage	4.41; p<0.05 -.23; p<0.1	Alternate specifications with different environmental indicators,	Supportive
	SO2 Emissions					1st Stage: EHII, GDP per capita, GDP per capita squared, population density, Primary School enrolment, Fertiliser use, Foreign direct investment, trade openness 2nd Stage: GDP per capitat-1, Immunisation rate, Primary School enrollmentt-1, SO2 emissions	2SLS: 1st Stage 2SLS: 2nd Stage	2.82; p>0.1 -0.21; p<0.01		Mixed
	Biological Oxygen Demand					1st Stage: EHII, GDP per capita, GDP per capita squared, population density, Primary School enrolment, Fertiliser use, Foreign direct investment, trade openness 2nd Stage: GDP per capitat-1, Immunisation rate, Primary School enrollmentt-1, Biological Oxygen Demand	2SLS: 1st Stage 2SLS: 2nd Stage	9.58; p<0.1 -0.24; p<0.01		Supportive
	Log odds of under five survival rate					GDP per capita, immunisation rate, Primary school enrolment, fertiliser use, two lags of the dependent variable	GMM	-1.40; p<0.05		Supportive

	Log odds of under five survival rate					GDP per capita, immunisation rate, Primary school enrolment, fertiliser use, two lags of the dependent variable, CO2 Emissions	GMM	-1.20; p<0.1		Supportive
	Log odds of under five survival rate					GDP per capita, immunisation rate, Primary school enrolment, fertiliser use, two lags of the dependent variable, SO2 Emissions	GMM	-1.30; p<0.05		Supportive
	Log odds of under five survival rate					GDP per capita, immunisation rate, Primary school enrolment, fertiliser use, two lags of the dependent variable, Biological Oxygen demand	GMM	1.10; p>0.1		Not Supportive
Gravelle and Sutton (2009)	Self Assessed Health	Great Britain	1980-2000/2001	Invididual	Regional Gini	rents home, medium formal qualification, low formal qualification, foreign/other formal qualification, no formal qualification, social class II-V, Social Class unclassified, Equivalised income, equivalised income squared, equivalised income cubed, equivalised income 4th root, regional controls	Ordered Probit	-1.60; p<0.01	Tests of relative deprivation with alternate measures, alternate specifications of regional gini coefficient including lags, alternate specifications of national gini coefficient including lags	Supportive
						rents home, medium formal qualification, low formal qualification, foreign/other formal qualification, no formal qualification, social class II-V, Social Class unclassified, Equivalised income, equivalised income squared, equivalised income cubed, equivalised income 4th root, regional controls, time fixed effects	Ordered Probit	0.94; p<0.01		Mixed

	rents home, medium formal qualification, low formal qualification, foreign/other formal qualification, no formal qualification, social class II-V, Social Class unclassified, Equivalised income, equivalised income squared, equivalised income cubed, equivalised income 4th root	Ordered Probit	-1.63; p<0.01	Supportive
	rents home, medium formal qualification, low formal qualification, foreign/other formal qualification, no formal qualification, social class II-V, Social Class unclassified, Equivalised income, equivalised income squared, equivalised income cubed, equivalised income 4th root, time fixed effects	Ordered Probit	-0.77; p<0.01	Supportive
National Gini	rents home, medium formal qualification, low formal qualification, foreign/other formal qualification, no formal qualification, social class II-V, Social Class unclassified, Equivalised income, equivalised income squared, equivalised income cubed, equivalised income 4th root, regional controls	Ordered Probit	-1.76; p<0.01	Supportive

						National Gini	rents home, medium formal qualification, low formal qualification, foreign/other formal qualification, no formal qualification, social class II-V, Social Class unclassified, Equivalised income, equivalised income squared, equivalised income cubed, equivalised income 4th root, regional controls, time fixed trend	Ordered Probit	1.33; p<0.01		Mixed
						National Gini	rents home, medium formal qualification, low formal qualification, foreign/other formal qualification, no formal qualification, social class II-V, Social Class unclassified, Equivalised income, equivalised income squared, equivalised income cubed, equivalised income 4th root	Ordered Probit	-1.73; p<0.01		Supportive
						National Gini	rents home, medium formal qualification, low formal qualification, foreign/other formal qualification, no formal qualification, social class II-V, Social Class unclassified, Equivalised income, equivalised income squared, equivalised income cubed, equivalised income 4th root, time trend	Ordered Probit	1.30; p<0.05		Mixed
Lorgelly & Lindley (2008)	Self-rated health (males)	UK	1991–2004	Individual	Gini		ln(income), ln(regional mean income), age, age squared, ethnicity, marriage, higher education, A-levels or similar, O-levels or similar	Ordered Probit	0.309; p>0.1	Alternate specification with other income inequality measures, sensitivity analysis to ln(income), Attrition tests	Not Supportive
								REOP	0.200; p>0.1		Not Supportive
								FEOP	0.229; p>0.1		Not Supportive

	Self-rated health (females)						Ordered Probit	0.246; p>0.1	Not Supportive
Pascual et al. (2005)	Life expectancy (male)	International	1993-2000	Regional	Gini	(1/GDPpc), (1/GDPpc) squared	REM	-0.079; p<0.05	Alternate specifications with different weighting scales on the gini coefficient Supportive
	Child Mortality						FEM	0.086; p<0.1	Supportive
Ram (2005)	Deaths per 100,000	USA (51 States)	1990-2000	State	Gini	Personal income per capita, percentage of population with high school, percentage of population with university, proportion of population that is black, percentage of urban population	OLS	856.04; p<0.05	Alternate Specifications with poverty included, correlations, stepwise specifications Supportive
		USA(48 Contiguous States)					OLS	513.82; p<0.05	Supportive
		USA (51 States)			ln(Gini)	ln(income), ln(High School), ln(university), ln(black), ln(urban)	OLS	0.484; p<0.01	Supportive
Torre & Myrskylä (2011)	Life expectancy at birth (males)	International	1975–2006	Country	Gini	GDP per capita	FEM	-0.011; p>0.1	Correlations Not Supportive
	Mortality Age 0 (males)							0.470; p<0.01	Supportive
	Mortality Ages 1-14 (males)							0.373; p<0.01	Supportive
	Mortality Ages 15-49 (males)							0.285; p<0.01	Supportive
	Mortality Ages 50-64 (males)							-0.031; p>0.1	Not Supportive
	Mortality Ages 65-90 (males)							-0.025; p>0.1	Not Supportive
	Life expectancy at birth (females)							-0.014; p>0.1	Not Supportive
	Mortality Age 0 (females)							0.465; p<0.01	Supportive
	Mortality Ages 1-14 (females)							0.424; p<0.01	Supportive
	Mortality Ages 15-49 (females)							0.171; p<0.1	Supportive
	Mortality Ages 50-64 (females)							0.038; p>0.1	Not Supportive
	Mortality Ages 65-90 (females)							0.055; p>0.1	Not Supportive

*Note that for the second stage of the 2SLS model we report the coefficient for CO2 emissions, as it mediates the effects of income inequality due to the IV procedure