

Supplementary file 10. Table of study-level characteristics and results for globalisation

Serial number	Authors, publication year	Years of study	Level of analysis	Setting	Political exposures	Population health outcomes	Result category
1	Moore et al, 2006	2000	Ecological	128 countries divided into 6 world-system blocks	National trade, world-system role	Infant mortality	Positive
2	Shandra et al, 2004	1980-1997	Ecological	59 developing countries	Commodity concentration, multinational corporate penetration, international monetary fund conditionality	Infant mortality	Negative
3	Shen and Williamson, 2001	1965-1991	Ecological	82 less developed countries	Foreign trade, foreign investment, debt increase	Infant mortality	Negative
4	Shen and Williamson, 1997	1960-1991	Ecological	86 less developed countries	Foreign investment, debt dependency	Child survival probability	Negative

Studies from our update							
5	Bergh and Nilsson, 2010	1970-2005	Ecological	92 high-, middle- and low-income countries	KOF index	Life expectancy	Positive
6	Bozorgmehr and Sebastian, 2014	1990-2010	Ecological	22 high-burden tuberculosis countries	World Trade Organization membership status and duration, trade as a percentage of GDP, Economic Freedom of the World Index, KOF Index	Tuberculosis incidence	Inconclusive
7	Chuang et al, 2013	1980-2009	Ecological	46 less-developed countries	Debt, foreign investment	Infant mortality	Inconclusive
8	Chuang et al, 2013	1980-2009	Ecological	46 less-developed countries	Debt, foreign investment	Under-5 mortality	Inconclusive
9	Costa Font and Mas, 2016	1989-2005	Ecological	26 countries	KOF Index, CSGR Index	Obesity prevalence, caloric intake	Negative
10	Cross et al, 2009	Not stated	Individual	UK, Spain, Kenya and Uganda	Localised or globalised food supply system	Health-related quality of life	Positive
11	De Vogli et al, 2014	1980-2008	Ecological	127 low-, middle- and high-income countries	KOF Index	BMI	Negative

12	Estimé et al, 2014	2005-2010	Household-level ecological	Pacific nations	Food imports	Obesity	Negative
13	Fan and Faioso Le'au, 2015	Up to 2014	Ecological	Independent and American Samoa	Westernisation	Life expectancy, neonatal and child mortality, measles immunisation, diabetes mortality, cancer mortality, cerebrovascular disease mortality, heart disease mortality, pneumonia mortality, overweight and obesity	Negative
14	Gerring and Thacker, 2008	1960-1999	Ecological	All countries with available data	Open international trade policies, low-inflation macroeconomic environments, market-oriented property rights, GATT and WTO membership	Infant mortality	Positive
15	Goryakin et al, 2015	1991-2009	Individual	Up to 887,00 women in 56	KOF Index	Overweight and obesity	Negative

				low- and middle-income countries			
16	Hauck et al, 2012	1990-2012	Ecological	54 low-income studies	Terms of international trade, foreign investment, debt service and relief	Life expectancy	Inconclusive
17	Jolly et al, 2013	2002	Ecological	27 Latin American and Caribbean countries	Net food import	Obesity	Negative
18	Jorgenson, 2009	1980-2000	Ecological	Less-developed countries	Foreign direct investment	Water pollution	Negative
19	Jorgenson, 2009	1980-2000	Ecological	Less-developed countries	Foreign direct investment, export intensity	Water pollution	Negative
20	Levine and Rothman, 2006	Up to 1990	Ecological	Up to 130 countries	Economic openness	Infant mortality, under-5 mortality, anthropometric measures of child stunting	Inconclusive
21	Martens et al, 2010	Up to 2008	Ecological	Global, subject to data availability	Maastricht Globalization Index	Infant mortality, under-5 mortality, adult mortality	Positive
22	Maynard, 2015	2000-2010	Ecological	Up to 85 low- and middle-	IGTA membership and status,	Youth smoking rates (Global Youth Tobacco Survey)	Negative

				income countries	trade, imports, exports		
23	Maynard, 2016	1985-2005	Ecological	74 developing countries	Debt, trade dependency	Tuberculosis mortality	Inconclusive
24	Milner et al, 2011	1980-2006	Ecological	35 countries	A globalisation index developed for the study	Suicide rate	Negative
25	Mukherjee and Kriekhaus, 2011	1970-2007	Ecological	132 countries	Economic, political and social globalisation	Infant mortality, life expectancy, child mortality	Positive
26	Oberlander et al, 2017	1970-2011	Ecological	70 countries	Social globalisation, trade openness	Nutritional health	Inconclusive
27	Oster, 2010	Up to 2007	Ecological	UN countries with available data	Export activity	HIV	Negative
28	Owen and Wu, 2007	1960-1995	Ecological	219 countries	Openness to trade	Life expectancy, infant mortality	Positive