Appendix 1. Description of variables and indicators

Variable (Concept)	Hyp	Indicator		Definition	Source of Data	Years available	N	Operationalization
Dependent (Diffusion)		Policy adoption	MHPol_A	Year of mental health policy adoption	WHO's Mental Health Atlas, cross-checked with WHO-AIMS and WHO MiNDbank	2001, 2005, 2011; adoption year recalled	184 (2011); 193 (2005); 185 (2001)	Nominal (Y/N on adoption), ordinal (5 phases of adoption), interval (year)
Independent (Coercion)	1	International organization membership	WHO_entry	Year country became a WHO member	Koc University's International overnmental Organization Data (v2.3)	1964-2005	214	Interval (year)
	2	Official Development Assistance	ODA	ODA disbursement and commitment to recipient countries - %GNI; total net (current prices USD million)	OECD's International Development Statistics online database	1960-2011 (disb) 1966-2011 (comm)	159 (recipients) and 45 (donors)	Ratio (% or $)
	2	Development Assistance for Health	DAH	Commitments and disbursements to donor or recipient countries (Million, constant 2009 US$)	WHO's Global Health Observatory Data Repository	2000-2010	119 (recipients) and 25 (donors)	Ratio ($)
Independent (Emulation - proximity)	3	Proximity to earlier adopters	UN_ cumfreqper; WHO_ cumfreqper; Geo_ cumfreqper	Regional contagion effects from UN, WHO, or geographic regional reference group	WHO's Mental Health Atlas	2001, 2005, 2011; adoption year recalled	184 (2011); 193 (2005); 185 (2001)	Ratio (cumulative freq %)
Control (Emulation - similarity)	P	Environmental conditions	SFI	State Fragility Index, which ranges from 0 "no fragility" to 25 "extreme fragility."	Integrated Network for Societal Conflict Research's State Fragility Index and Matrix 2012	1995-2012	167 countries with populations greater than 500,000 people	Ordinal (scale)
			DISASTER	Number of natural and technological disasters	Centre for Research on the Epidemiology of Disasters' EM-DAT The International Disaster Database	1995-2013	213	Interval (# disasters)
			WAR, EVENT	Any involvement in intra-, inter- or extra-state wars	Correlates of War Project's The New COW War Data (v4.0)	1816-2007	243	Nominal (Y/N instance of war)
			GLOBAL	KOF Index of Globalization, which ranges from 1 "no globalization" to 100 "most globalization"	Swiss Federal Institute of Technology Zurich's KOF Index of Globalization	1970-2010	207	Ordinal (scale)
		Political conditions	INDEP	Independence is disaggregated into formation, colonization, secession, and partition.	Paul Hensel's (University of Texas) Issue Correlates Of War Colonial History Data Set (v0.4)	301-2002	222	Nominal (Y/N historically)
			POLITY	Regime type, or a polity score that ranges from -10 "hereditary monarchy" to +10 "consolidated democracy"	Ted Robert Gurr (University of Maryland) and Monty Marshall's (Societal-Systems Research, Inc.) Polity IV Project	1800-2012	167	Ordinal (scale)
			GOVEFF	Government Effectiveness, which ranges from -2.5 "low" to 2.5"high"	World Bank's Governance Matters Project	1996-2011	215	Ordinal (scale)
		Social conditions	ELF: ETHNIC, LANGUAGE, RELIGION	Fractionalization is the probability (0-1) that two randomly drawn individuals come from the same population. It is a cumulative index of ethnic, language, and religion heterogeneity in countries.	Alberto Alesina *et al.*, 2003	Cross-section, varies but mostly 2001		Ratio (probability)
			PHYSINT: POLPRIS	Physical Integrity Right Index ranges from 0"(no government respect for these four rights" to 8 "full government respect for these four rights"	Cingranelli-Richards (CIRI) Human Rights Dataset	1981-2011	200	Ordinal (scale)

	Economic conditions	INCOME	Income groups (low, lower-middle, upper-middle, high) based on GNI per capita, Atlas method (current US$)	World Bank's World Development Indicators	1989-2012	252	Ordinal (4 income groups)
		Health_GDP	Total expenditure on health as % of GDP	WHO National Health Account database and World Bank World Development Indicators	1995-2011	194	Ratio (%)
	Population status	DALY_MNS	Disability-Adjusted Life Years (DALY) rates per 100,000 individuals for mental, behavioral and substance use disorders	Institute for Health Metrics and Evaluation's Global Burden of Disease Study	1990 (countries); 2000 (region only), 2004 (countries), 2010 (countries)	193 (2010), 187 (2004)	Ratio (prevalence rate)
		MIGPOP: REFPOP	International migrant stock as a percentage of the total population (both sexes) and separately refugees as a percentage of the total population (both sexes).	United Nation's Global Migration Database	1990, 2000, 2010, 2013	232	Ratio (%)
		MDG	Millennium Development Goal Progress Index, which ranges from 0 (low achievement) to 7 (high achievement). The Index is an additive score of the eight MDG targets.	Center for Global Development	2010-2013	134 (developing countries)	Ordinal (scale)
		HDI	Human Development Index, which ranges from 0 "low" to 1 "high"	United Nations Development Programme	1960-2012	194	Ordinal (scale)