Supplementary File 1

Table 1. List, description and source of bonding social capital variables

Bonding					
	Trust and norms	Average singulate mean age at marriage	The singulate mean age at marriage (SMAM) is the average length of single life expressed in years among those who marry before age 50. It is a synthetic indicator calculated from marital status categories of men and women (averaged) aged 15 to 54 at the census or survey date. Data are collected from 2019, using the latest available value.	United Nations	(LINK)
		Adolescent birth rate	The adolescent birth rate is generally computed as a ratio. The numerator is the number of live births to women 15 to 19 years of age, and the denominator an estimate of the number of person-years lived by women at ages 15 to 19 during the same period of time. It is expressed as births per 1,000 women. Data are collected from 2017, using the 2018 edition of the Human Development Index indicators (downloaded: 2019. 03. 08.)	United Nations	(LINK)
		Crude divorce rate	The crude divorce rate is the annual number of divorces per 1,000 population. Data are collected from multiple sources, using the latest available value at the time of collection.	Office National des Statistiques (Algeria), Eurostat, United Nations, Australian Bureau of Statistics, BRICS Joint Statistical Publication 2012, China Daily (China), Statistics Bureau of Japan	(LINK)
	Ties and connections	Personal remittances	Personal remittances comprise personal transfers and compensation of employees. Personal transfers consist of all current transfers in cash or in kind made or received by resident households to or from non-resident households. Personal transfers thus include all current transfers between resident and non-resident individuals. Compensation of employees refers to the income of border, seasonal, and other short-term workers who are employed in an economy where they are not resident and of residents employed by non-resident entities. Data are collected from 2017, using the latest available value.	World Bank	(LINK)
		Total fertility rate	Total fertility rate represents the number of children that would be born to a woman if she were to live to the end of her childbearing years and bear children in accordance with age-specific fertility rates of the specified year. Data are collected from 2017.	United Nations	(LINK)
		Average household size	The average number of usual residents (defined as household members) per household. Data are collected from multiple sources from 2017, using the latest available value.	Demographic and Health Surveys (DHS), Demographic Yearbook (DYB), IPUMS-International (IPUMS), Labour Force Surveys (LFS)	(LINK)
	Device	Percentage of households with fixed telephone line	The Percentage of households in a country with fixed telephone line. Data are collected from 2019, using the latest available value.	International Telecommunication Union	(LINK)
		Percentage of households with mobile phone subscription	The Percentage of households in a country with a mobile phone subscription. Data are collected from 2019, using the latest available value.	International Telecommunication Union	(LINK)

		Mobile cellular subscription rate	Mobile-cellular telephone subscriptions per 100 inhabitants (average of 2017 and 2018). Data are collected from 2017 and 2018.	International Telecommunication Union	(LINK)

Table 2. List, description and source of bridging social capital variables

Bridging	**Trust and norms**	Confidence in people	Average of confidence in (Church, Charitable or humanitarian organizations, The Environmental Protection Movement) and average trust in (First time met people, People from other religion, People from other religion). Data are collected from 2005 to 2014, using the latest availeable value.	World Values Survey	(LINK)
		Generalized interpersonal trust	Percentage of people stating most people can be trusted. Data are collected from 2018.	World Happiness Report / Gallup	(LINK)
	Ties and connections	Participation in civil society organizations	Average of active membership in certain civil society organizations (church or religious organization, sport or recreation, membership of art, music, educational, membership of labour unions, membership of political party, environmental organization, professional organization, charitable/humanitarian organization). Data are collected from 2005 to 2014, with latest available value used.	World Values Survey	(LINK)
		Expected years of schooling	Number of years of schooling that a child of school entrance age can expect to receive if prevailing patterns of age-specific enrolment rates persist throughout the child's life. Data are collected from 2017, using the 2018 edition of the Human Development Index indicators (downloaded: 2019. 03. 08.)	UNESCO	(LINK)
		Social media penetration	Percentage of active social media users in a country. Data are collected from 2019, using the latest available value.	We Are Social / Hootsuite	(LINK)
	Device	Quality of transport infrastructure	Assesment of the general state of the country's infrastructure (e.g., transport, communications, and energy). Data are collected from 2017 and 2018, with the latest available value used.	World Economic Forum	(LINK)
		Percentage of household with internet	Percentage of households in the country with internet subscription. Data are collected from 2015-2019, with latest available value used.	International Telecommunication Union	(LINK)
		Broadband subscription rate	The number of fixed-broadband subscriptions per 100 population. Data are collected from 2017 and 2018, with latest value used.	International Telecommunication Union	(LINK)
		Individual internet users	The percentage of individual internet users in the country. Data are collected from 2017 and 2018, with latest value used.	International Telecommunication Union	(LINK)

Table 3. List, description and source of linking social capital variables

Linking	**Trust and norms**	Confidence in public institutions	Individuals' average confidence in certain public institutions (Religious organizations and churches, Sport or recreational groups, art - musical - education organizations, labour unions, political parties, environmental organizations, professional associations, humanitarian/charitable organizations). Data are collected from 2005 to 2014, with latest available value used.	World Values Survey	(LINK)
		Corruption Perceptions Index	The Corruption Perceptions Index aggregates data from a number of different sources that provide perceptions of business people and country experts of the level on corruption in the public sector. The scale ranges from 0 [highly corrupt] to 100 [very clean]. Data are collected from 2018.	Transparency International	(LINK)
		Voter turnout	Voter turnout for the country's latest parliamentary election.	International IDEA	(LINK)
		Rule of law	Rule of Law captures perceptions of the extent to which agents have confidence in and abide by the rules of society, and in particular the quality of contract enforcement, property rights, the police, and the courts, as well as the likelihood of crime and violence. Per centile rank indicates the country's rank among all countries covered by the aggregate indicator, with corresponding to lowest rank, and 1 to highest rank. Per centile ranks have been adjusted to correct for changes over time in the composition of the countries covered by the WGI. Data regarding the countries' per centile rank are collected from 2017.	World Bank / Legatum	(LINK)
		Confidence in government	Percentage of respondents who are confident in their national government. Data are collected from 2017.	World Values Survey	(LINK)
	Ties and connections	Participation in the political process (petition)	Average of willingness of taking part in the political action of signing a petition. Data are collected from 2004 to 2015, with latest available value used.	World Values Survey	(LINK)
		Participation in the political process (protest)	Average of willingness of taking part in the political action of participation in a peaceful/lawful protest. Data are collected from 2004 to 2015, with latest available value used.	World Values Survey	(LINK)
		Participation in the political election process	Ability to participate in political processes such as voting in legitimate elections, joining parties, running for office, etc. This variable captures elements relating to the electoral process, political pluralism and participation as well as the functionality of the government and additional discretionary political rights. Scaled from 1 to 7. Data are collected from 2018.	Freedom House / Legatum Prosperity Index	(LINK)
		Intellectual property protection	Az individual's opinion on the extent of their countries protection of intellectual property. Data are collected from 2017-2018.	World Economic Forum	(LINK)
		Government effectiveness	Government effectiveness captures perceptions of the quality of public services, the quality of the civil service and the degree of its independence from political pressures, the quality of policy formulation and implementation, and the credibility of the government's commitment to such policies. Data are collected from 2017.	World Bank / Legatum	(LINK)
		Government efficiency	Government efficiency is a combined measure of five items as Wastefulness of government spending, Burden of government regulation, Efficiency of legal framework in settling disputes, Efficiency of legal framework in challenging regulations, and Transparency of government policymaking.	World Economic Forum	(LINK)
		Birth registrations	The Percentage of registered birth under the age 5. Data are collected from 2017.	United Nations	(LINK)
	Device	E-commerce	The Percentage of individuals aged 15+ who used the internet to pay bills or to buy something online in the past year. Data are collected from 2017, using the latest available value.	World Bank	(LINK)
		E-Public Participation Index	The E-Participation Index measures the use of online services to facilitate provision of information by governments to citizens ("e-information sharing"), interaction with stakeholders ("e-consultation") and engagement in decision-making processes ("e-decision making"). More details about the methodology can be found at https://publicadministration.un.org. Data are taken from 2018.	United Nations	(LINK)
		E-school	An individual's assessment of the extent of internet use for educational purposes in schools. Data are taken from 2015 to 2017, with latest available value used.	World Economic Forum	(LINK)