$\textbf{Table S1} \ 24 \ country-level \ risk \ factors \ with \ potential \ influence \ on \ COVID-19 \ case \ fatality \ rates.$

Variable	Variable Description	Source
Population	Country population as of 2020	(1)
Population density	Population density as of 2020	(2)
Percent population over 70	Percent of population over 70 years of age	[1]
Total Cases ^a	Total confirmed COVID-19 cases as of 2020	(1)
Total deaths ^a	Total confirmed COVID-19 deaths as of 2020	(1)
CFR ^a	Case fatality ratio calculated from total cases and total deaths	(1)
Gross Domestic Product	Country GDP as of 2017 in US dollars	(3)
GDP per capita	Country GDP per person as of 2017 in US dollars	(3)
Healthcare expenditure per capita	Healthcare expenditure per person as of 2017 in US dollars	(2)
Scientific production	Scientific Production as of 2016 in US dollars	(2)
Hospital beds per 1000	Hospital beds per 1000 people	(2)
Physicians per 1000	Physicians per 1000 people	(2)
General mortality rate per 100000	Country's general mortality rate per 100000	(2)
Life expectancy	_(mean/median) life expectancy as of 2020	(2)
CT scanners per 1 million	CT scanners per 1 million people as of 2018	(4)
Radiology Specialists	Number of radiologists per country as of 2008	(5)
Radiologists per 1 million	Radiologists per 1 million people calculated from population and radiology specialists	(1, 5)
Total tests ^b	Total tests performed for COVID in a given country	(1)
Tests per thousand ^b	Number of COVID tests in a given country per 1000 people	(1)
Median Age	Median Age of country	(6)
Date of 100th case	Date of 100th confirmed COVID-19 case	(1)
Date of first government ^c	Date of first government intervention on its citizenry	d
Days from 100th case to intervention	Number of days from date of 100th case to date of first intervention.	(1)
Air travel activity	Air travel in 1000s of passengers carried over 2018.	(7)

Education	Percent of a population aged 25 to 64 with at least a high-school level degree or equivalent. (4)	
Literacy Rate	Percent of a population which is literate.	(8)
Obesity Prevalence	Percent of a population with a BMI >30 in 2017.	(9)
Prevalence Daily smoking	Prevalence of daily smoked tobacco use in a population in 2012.	(9)
Prevalence tobacco use	Prevalence of any tobacco use in a population in 2017.	(9)
HIV prevalence	Prevalence of HIV in a population in 2017	(9)
COPD	Prevalence of COPD in a population in 2017	(9)
Air pollution	Mean annual exposure (micrograms per cubic meter) in 2017. (9)	

^a Current as of April 22, 2020.

^b Current as of April 21, 2020.

^cGovernment responses have varied across countries. For purposes of this study, we defined this intervention as the first date when recommendations or legislation was passed limiting gathering size, closing non-essential business, or encouraging social distancing. School closures and international travel bans were not considered.

^d Dates taken from various news sources and compiled in supplemental data (**Table S2**).

Table S2 Date of first government intervention per aggregation of secondary news sources as indicated.^a

Country	Date	Source
Belgium	3/18/2020	Belgium Federal Authorities Coronavirus Info(10)
Brazil	3/21/2020	Reuters(11)
France	3/16/2020	The Independent(12)
Germany	3/16/2020	Bayerischer Rundfunk (Bavarian Broadcasting)(13)
Iran	3/24/2020	Reuters(14)
Italy	3/9/2020	Wall Street Journal(15)
Netherlands	3/15/2020	NOS (Dutch Broadcast Foundation)(16)
Spain	3/28/2020	The Guardian(17)
United Kingdom	3/20/2020	NBC(18)
United States	3/21/2020	Wall Street Journal(19)
Australia	3/23/2020	Sydney Morning Herald(20)
Austria	3/16/2020	ORF(21)
Canada	3/23/2020	CTV news(22)
Chile	3/22/2020	National Post(23)
China	1/21/2020	South China Morning Post(24)
Czech Republic	3/14/2020	Government of the Czech Republic(25)
Denmark	3/13/2020	TV2(26)
Ecuador	3/16/2020	Oxford Government Response Tracker - Ecuador(27) ^a
India	3/17/2020	Live Mint (28)
Indonesia	4/10/2020	Detik News(29)
Ireland	3/27/2020	Government of Ireland (30)
Israel	3/11/2020	Jerusalem Post (31)
Japan	3/26/2020	The Asahi Shimbun (32)
Malaysia	3/18/2020	Malay Mail (33)
Mexico	3/23/2020	UNO TV (34)
Norway	3/12/2020	NRK (35)

Pakistan	3/22/2020	Radio Pakistan(36)
Peru	3/15/2020	Gestión (37)
Philippines	3/16/2020	GMA News Online (38)
Poland	3/24/2020	TVN(39)
Portugal	3/19/2020	The Portugal News(40)
Romania	3/25/2020	Romania Ministry of Health (41)
Russian Federation	3/24/2020	Government of the Russian Federation(42)
Saudi Arabia	3/15/2020	Al Arabiya(43)
South Korea	2/24/2020	New York Times(44)
Sweden	3/10/2020	Public Health Agency of Sweden(45)
Switzerland	3/16/2020	Switzerland Federal Office of Public Health(46)
Turkey	4/11/2020	Garda(47)
United Arab Emirates	3/26/2020	Al Arabiya(48)

^aObtained by searching for first date of movement restrictions between dates March 1, 2020 and March 31, 2020.

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