

human reproduction SUPPLEMENTARY DATA

Supplementary Table SI Description of variables and data sources.

Variable	Description	Source
Wave severity	Difference in COVID-19 cases per 100 000 population from the peak of the wave to the month prior. Calculated separately for each wave.	CDC US Data Tracker ^a
Political leaning	The percent in each US state that voted Republican in the 2020 election.	Politico ^b
Social Distancing Index	The Social Distancing Index is computed from six mobility metrics collected from cellphone geospatial data: time spent staying at home, reduction of work trips, reduction on non-work trips, reduction of travel distance, and reduction of out-of-country trips compared to equivalent data pre-COVID. Only available for Wave 1.	University of Maryland ^c
Percent non-White	The percent in each US state that did NOT select 'white alone' for race in 2020 census.	2020 US Census ^d
Percent Hispanic	The percent in each US state that identify as Hispanic or Latino/a.	2020 US Census ^d
Percent 65 or older	The percent in each US state population age 65 years and older.	2020 US Census ^d
Rurality	The percent in each US state living in rural conditions.	US Department of Agriculture ^e
Education attainment	The percent in each US state with higher education attainment (associate degree or above).	talkpoverty.org ^f
Poverty rate	The percent in each US state that reported income below the poverty line (\$25 926 for a family of four) in 2019.	talkpoverty.org ^f
Income inequality ratio	The ratio of the share of income going to the top 20% of households and the share of income going to the bottom 20% of households in 2019.	talkpoverty.org ^f
Affordable housing units	Number of apartments or other units that were affordable and available for every 100 renter households with very low incomes in 2018. Very low-income households are those with incomes at or below half of the median income in the metropolitan or other area where they live.	talkpoverty.org ^f
Employment change	Change in US state employment rate between the end of February and the end of April 2020.	Urban Institute Economic Monitor ^g
Medicaid expansion	Did US state accept Medicaid expansion by 2020? [yes/no]	US Department of Health ^h
Wave timing	Wave 1: did the wave occur before June 2020 (Spring) or during/after June 2020 (Summer)? Wave 2: did the wave occur before November 2020 (Fall) or during/after November 2020 (Winter)?	CDC US Data Tracker ^a

COVID-19: coronavirus disease 2019; CDC: Center of Disease Control; US: United States.

^a<https://covid.cdc.gov/covid-data-tracker>.

^b<https://www.politico.com/2020-election/results/president/>.

^c<https://data.covid.umd.edu>.

^d<https://data.census.gov/>.

^e<https://www.ers.usda.gov/topics/rural-economy-population/rural-classifications/>.

^fwww.talkpoverty.org.

^g<https://apps.urban.org/features/state-economic-monitor/>.

^h<https://www.hhs.gov/>.