Governments' Responses to C

Updated last 06/30/2021

The Governments' responses to COVID19 (Response2covid19) datal
separates the information in two categories: economic measures ar
The variables are :

- ***country*:** name of the country or the territory;
- ***geoid***: two-letters country code;
- ***iso***: three-letters country code;
- ***d***: date of the observation;
- ***school***: binary variable equal to1 if schools were closed and 0 othe
- ***school_local**:* binary flag to distinguish localized school closures fro
implemented at the local level (either at the national level or no sch
allows researchers to create three levels of measures: no school clo
and *school_local*=0);
- ***domestic**:* binary variable equal to 1 if there was a domestic lockdo
- ***domestic_local***: binary variable to distinguish localized domestic lo
lockdowns were not implemented at the local-level (either at the na
ACAPS. The interaction of *domestic* and *domestic_local* allows resea
(*domestic*=1 and *domestic_local*=1) or national domestic lockdowns
- ***travel*:** binary variable equal to1 if travel restrictions were implem
- ***travel_partial***: binary flag to differentiate partial travel restriction
or not implemented). The nature of the travel restrictions is based o
levels of measures: no travel restrictions (*travel*=0 and *travel_partic*
- ***travel_dom*:** binary variable equal to1 if travel restrictions within t
- ***travel_dom_partial***: binary flag to differentiate partial domestic tr
partial (either strict or not implemented). The nature of the travel r
researchers to create three levels of measures: no domestic travel r
or strict domestic travel restrictions (*travel_dom*=1 and *travel_dom_*
- ***curf*:** binary variable equal to1 if a curfew was implemented and 0
- ***curf_partial***: binary flag to differentiate partial curfews from other
nature of the curfew is based on our reading of the measures repor
and *curf_partial*=0), partial curfew (*curf*=1 and *curf_partial*=1) or str
- ***mass***: binary variable equal to1 if bans on mass gatherings were in
- ***mass_partial***: binary flag to distinguish localized bans on mass gat
partial (either strict or not implemented). The nature of the bans or
researchers to create three levels of measures: no bans on mass ga
mass_partial=0);
- ***elect***: binary variable equal to1 if some elections were postponed
- ***elect_partial***: binary flag to differentiate countries which postpon
elections were either postponed, maintained or were not schedule
researchers to differentiate three settings: all elections were mainta
elect_partial=1) or all elections were postponed (*elect*=1 and *elect_*
- ***sport**:* binary variable equal to1 if bans on sporting and large event
- ***sport_partial**:* binary flag to distinguish partial bans and cancellati
bans on sporting and large events are not localized or partial (either
reported by the ACAPS. The interaction of *sport* and *sport_partial* a

reported by the ACAPS. The interaction of *sport* and *sport_partial* a
sport_partial=1) or national bans on mass gatherings (*sport*=1 and *s*
- ***rest**:* binary variable equal to1 if restaurants were closed and 0 oth
- ***rest_local***: binary flag to distinguish localized and/or partial restau
number of customers in bars and restaurants, and closures of eithe
by the ACAPS. The interaction of *rest* and *rest_local* allows research
closures (*rest*=1 and *rest_local*=0);
- ***testing***: binary variable equal to1 if there was a public testing polic
- ***testing_narrow*****:** binary flag to distinguish narrow testing policies
(either large or not implemented). The nature of the testing policy i
was targeted, *testing_narrow* was coded 1. On the contrary, when t
create three levels of measures: no testing policy (*testing*=0 and *tes*
- ***surveillance*****:** binary variable equal to1 if mobile app or bracelet su
- ***surveillance_partial*****:** binary variable equal to1 if the enhanced sur
information in the ACAPS. When the measure was partial, *surveilla*
was coded 0. The interaction of *surveillance* and *surveillance_partia*
surveillance (*surveillance=1* and *surveillance_partial*=1) or strict sur
- ***masks*** binary variable equal to1 if the obligationsto wear masks in
- ***masks_partial*****:** binary variable equal to1 if the obligation to wear
when the measure was national, *masks_partial* was coded 0. The in
and *masks_partial* =0), regional obligations to wear masks (*masks=1*
- ***state***: binary variable equal to1 if the state of emergency is declare
- ***state_partial***: binary variable equal to1 if the state of emergency i
coded 1. On the contrary, when the measure was not localized, *stat*
emergency (*state*=0 and *state_partial* =0), partial state of emergenc
- ***cash*****:** binary variable equal to1 if cash transfers are implemented a
- ***wage*****:** binary variable equal to1 if wage support is implemented a
- ***credit*****:** binary variable equal to1 if credit schemes are implemente
- ***taxc*****:** binary variable equal to1 if tax credits are implemented and
- ***taxd*****:** binary variable equal to1 if tax delays are implemented and
- ***export*****:** binary variable equal to1 if supports to importers or expor
- ***rate*****:** binary variable equal to1 if the Central Bank lowered the inte
- ***Rigidity_Public_Health***: average of the thirteen coded public healt
measures. The index is computed if there are at least 10 out of the
- ***Economic_Measures***: average of the coded economic measures. T

The dataset is based on manual recording of policy measures imple
remaining errors. If you point any error, or if you have any commen
https://github.com/simonporcher/COVID-19-Governments-Respon

OVID19 Database (Response2covid19) - Descripti

base puts together all the measures implemented by governments worldwide in response to the Coronavirus pand
nd public health measures.

erwise;
om other cases. 1 denotes that school closures were implemented at the local level and 0 denotes that school closu
hool closures). The data on the scale of school closures is imported from the UNESCO. The interaction of *school* and
sures (*school*=0 and *school_local*=0), localized school closures (*school*=1 and *school_local*==1) or national school cl

own and 0 otherwise;
ockdowns from other cases. 1 denotes that domestic lockdowns were implemented at the local level and 0 means
ational level or not implemented). The nature of the domestic lockdown is based on our reading of the measures re
archers to create three levels of measures: no domestic lockdown (*domestic*=0 and *domestic_local*=0), localized do
s (*domestic*=1 and *domestic_local*=0);
ented and 0 otherwise;
s from other cases. 1 denotes that travel restrictions were partial and 0 denotes that travel restrictions were not pa
on our reading of the measures reported by the ACAPS. The interaction of *travel* and *travel_partial* allows research
al=0), partial travel restrictions (*travel*=1 and *travel_partial*=1) or strict travel restrictions (*travel*=1 and *travel_parti
the country (e.g. inter-region travels) were implemented and 0 otherwise;
ravel restrictions from other cases. 1 denotes that travel restrictions were partial and 0 denotes that travel restricti
estrictions is based on our reading of the measures reported by the ACAPS. The interaction of *travel* and *travel_pa
restrictions (*travel_dom*=0 and *travel_dom_partial*=0), partial domestic travel restrictions (*travel_dom*=1 and *trave
_partial*=0);
otherwise;
r cases. 1 denotes that the curfew was partial and 0 denotes that the curfew was not partial (either strict or not im
ted by the ACAPS. The interaction of *curf* and *curf_partial* allows researchers to create three levels of measures: no
rict curfew (*curf*=1 and *curf_partial*=0);
nplemented and 0 otherwise;
herings from other cases. 1 denotes that bans on mass gatherings were partial and 0 denotes that bans on mass ga
n mass gatherings is based on our reading of the measures reported by the ACAPS. The interaction of *mass* and *ma
therings (*mass*=0 and *mass_partial*=0), localized or partial bans (*mass*=1 and *mass_partial*=1) or national or strict b

and 0 otherwise;
ed only some of the elections from the others. 1 denotes that countries both maintained and postponed elections
d. IDEA lists all maintained and postponed elections since the beginning of 2020. The interaction of *elect* and *elect_
ained despite COVID-19 (*elect*=0 and *elect_partial*=0), some elections were maintained and others were postponed
partial=0);
ts were implemented and 0 otherwise;
ons of sporting and large events. 1 denotes that bans on sporting and large events were localized, strict or with no
r national or no measures implemented). The nature of the bans on sporting and large events is based on our readi
allows researchers to create three levels of measures: no bans (*sport*=0 and *sport_partial*=0), partial bans (*sport*=1 a

llows researchers to create three levels of measures: no bans (*sport*=0 and *sport_partial*=0), partial bans (*sport*=1 a
sport_partial=0);
herwise;
urant and bar closures from other cases. The variable is coded 1 in the three following situations: localized closures,
r bars or restaurants. 0 indicates national closures or no closures at all. The coding is based on our reading of the m
ers to create three levels of measures: no closures (*rest*=0 and *rest_local*=0), localized closures (*rest*=1 and *rest_loc*

cy and 0 otherwise;
from large testing policies. 1 denotes that testing policies were targeted to some individuals, 0 that testing policies
s based on the information reported in the measures “mass population testing” and “testing policy” in the ACAPS.
the measure was not targeted, *testing_narrow* was coded 0. The interaction of *testing* and *testing_narrow* allows r
sting_narrow =0), narrow testing policy (*testing*=1 and *testing_narrow* =1) or large testing policy (*testing*=1 and *tes*
urveillance was implemented and 0 otherwise;
rveillance is optionnal or reserved for a category of person (e.g. certain professions or foreigners) and 0 otherwise,
nce_partial was coded 1. On the contrary, when the measure was strict (anybody suspected of having COVID-19),
l allows researchers to create three levels of measures: no surveillance (*surveillance*=0 and *surveillance_partial* =0)
veillance (*surveillance*=1 and *surveillance_partial* =0);
public spaces was implemented and 0 otherwise;
masks is regional, based on information in the ACAPS. When the measure was regional, *masks_partial* was coded
nteraction of *masks* and *masks_partial* allows researchers to create three levels of measures: no obligations to wea
1 and *masks_partial*=1) or national obligations to wear masks (*masks*=1 and *masks_partial* =0);
ed and 0 otherwise;
is declared on a local basis and 0 otherwise, based on information in the ACAPS. When the measure was local, *sta*
te_partial was coded 0. The interaction of *state* and *state_partial* allows researchers to create three levels of meas
cy (*state*=1 and *state_partial*=1) or national state of emergency (*state*=1 and *state_partial* =0);
and 0 otherwise;
nd 0 otherwise;
d and 0 otherwise;
0 otherwise;
0 otherwise;
ters are implemented and 0 otherwise;
erest rates and 0 otherwise;
th measures. Public health measures are valued 0.5 if they are localized or partial and 1 if they are national or strict
13 measures coded;
The index is computed if there is information on at least 5 of the 7 economic measures.

mented all around the world. Even though the best attempt was made to report data as accurately as possible, the
nts, please contact us at porcher.iae@univ-paris1.fr or leave a message on the GitHub page of the project:
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When the measure
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