Monitoring Public Policies to Evaluate the Response to COVID-19

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Outline

The Solidarity Research Network in Public Policies and Society (Rede de Pesquisa Solidária de Políticas Públicas e Sociedade)

1. Monitoring Public Policies - Federal, State and Municipal
2. Monitoring individuals and families - vulnerable populations
3. Monitoring the quality of official data to enable and evaluate public policies

Stringency of Social Distancing Policies

COVID-19 Government Response Tracker
for the Brazilian Federation (CGRT-BRFED)

1. Social Distancing Policies (Non-Pharmaceutical Interventions)
2. Public Health (Testing, Treatment and Intensive Care)
3. Economic Policies (Fiscal, Monetary, Cash Transfers, Debt, Tax Exemptions)

Original inspiration: Oxford COVID-19 Government Response Tracker (OxCGRT). Some indicators for Brazilian state and capital governments are included in OxCGRT dataset.

Social Distancing Mandates in São Paulo and New York

Table 1. Social Distancing Mandates in São Paulo and New York

	São Paulo	New York
School Closures	13/3/2020	18/03/2020
Commerce Closures	24/03/2020	22/03/2020
Construction		24/03/2020
Public Events	13/03/2020	16/03/2020
Mandates	04/05/2020	17/04/2020
Stay at home orders	22/03/2020	17/04/2020
Public transportation		

Social Distancing Policies

COVID-19 Government Response Tracker
for the Brazilian Federation (CGRT-BRFED)

1. Decrees, laws and ordinances restricted to specific-level of government.
2. Recommendations vs Binding Mandates
3. Sectoral Scope
4. Geographic coverage

Original inspiration: Oxford COVID-19 Government Response Tracker (OxCGRT).

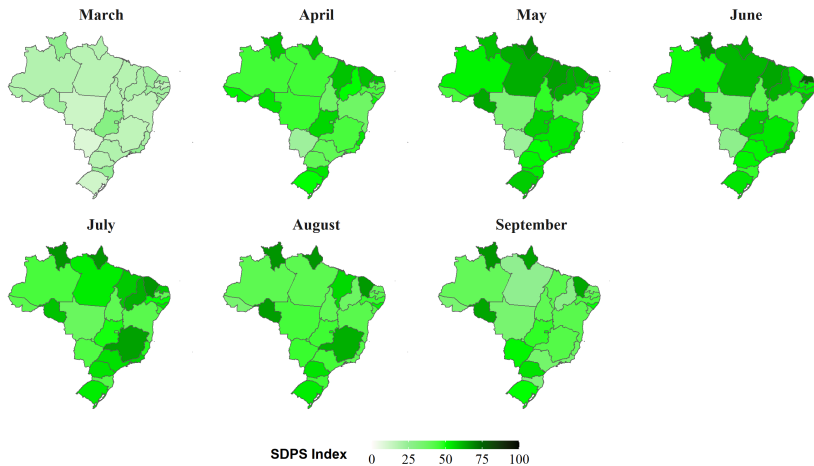Indicators for Brazilian state and capital governments are included in OxCGRT dataset.

Social Distancing Policies and Social Distancing Policy Stringency (SDPS) Index

Table 2. Social Distancing Policies (SDPS) and Level of Stringency

Indicator	Name	General	Geographically-Targeted
SDP1	School Closures	0 = No measure taken; 1 = Suspension or cancellation recommended 2 = Suspension or cancellation enacted, but sector-targeted 3 = Suspension or cancellation enacted, all levels	0 = Geographically-targeted 1 = State-wide
SDP2A	Commerce and Service-sector Closures	0 = No measure taken; 1 = Suspension or cancellation recommended 2 = Suspension or cancellation enacted, but sector-targeted 3 = Suspension or cancellation enacted, all levels	0 = Geographically-targeted 1 = State-wide
SDP2B	Industry Closures	0 = No measure taken; 1 = Suspension or cancellation recommended 2 = Suspension or cancellation enacted, but sector-targeted 3 = Suspension or cancellation enacted, all levels	0 = Geographically-targeted 1 = State-wide
SDP3	Public Gatherings	0 = No measure taken 1 = Suspension or closure recommended 2 = Suspension or closure enacted	0 = Geographically-targeted 1 = State-wide
SDP4	Private Gatherings	0 = No measure taken 1 = Restrictions on very large gatherings (the limit is above 1000 people) 2 = Restrictions on gatherings between 101-1000 people 3 = Restrictions on gatherings between 11-100 people 4 = Restrictions on gatherings of 10 people or less	0 = Geographically-targeted 1 = State-wide
SDP6	Stay at home orders	0 = No orders or only recommendation 1 = Limited restrictions on people (non-commercial hours, or at-risk groups) 2 = Broad restrictions on movement outside the home (and restrictions go beyond at-risk groups, and include commercial hours - 8h as 18h 3 = Require not leaving house with exceptions for grocery shopping, and 'essential' trips 4 = Confinement	0 = Geographically-targeted 1 = State-wide
SDP9	Mask Mandates	0 = No orders 1 = Recommendation to wear a mask outside the home 2 = Required Mask Use by a part of the population 3 = Required Mask Use for all the population	0 = Geographically-targeted 1 = State-wide
SDPS	Social Distancing Policy StringencyIndex	0-100 (rescaled)	

Source: CGRT-BRFED (2020).

Social Distancing Policy Stringency (SDPS) Index in 26 States of Brazil

March   April   May   June

July   August   September
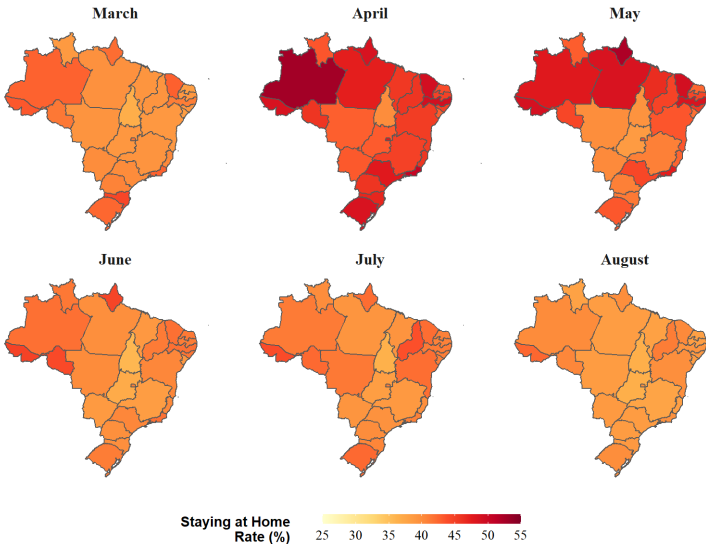
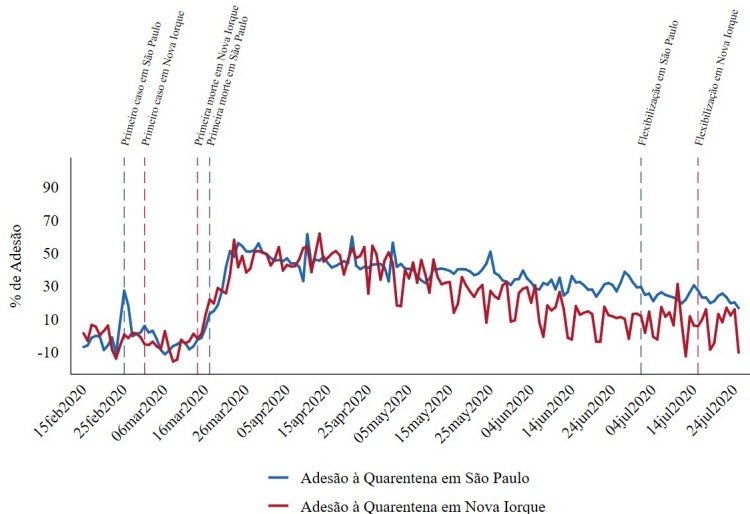SDPS Index   0   25   50   75   100

Source: CGRT-BRFED (2020)

Adherence to Social Distancing Policies

1. Cellphone mobility data
2. Survey data
3. Contact mapping

Percentage of Cellphone Residents Remaining at Home during the Day

Source:Inloco(2020)

Cellular Mobility in Sao Paulo state and NY state

Source: Google Mobility (2020)

Adherence to Social Distancing of Auxílio Emergencial Beneficiaries & COVID-19 Infection Risk
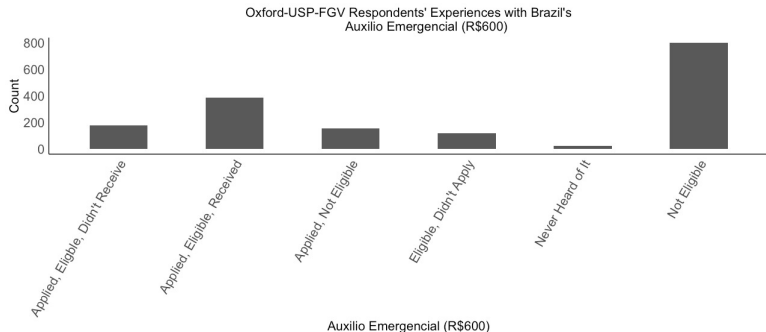
Telephone Survey Data

Sample Size: 1,654 individuals

Cities: Fortaleza, Goiânia, Manaus, Rio de Janeiro, Recife, Porto Alegre, Salvador, and São Paulo
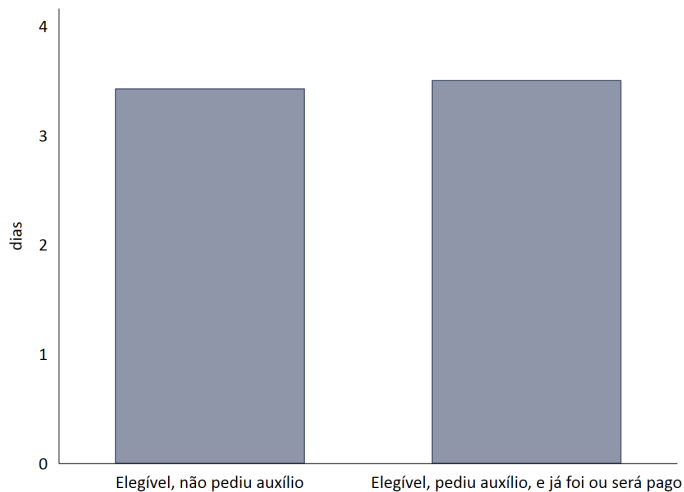
Dates: May 7-29, 2020

Oxford-USP-FGV Respondents' Self-Reported Eligibility and Application to Auxilio Emergencial (R600)
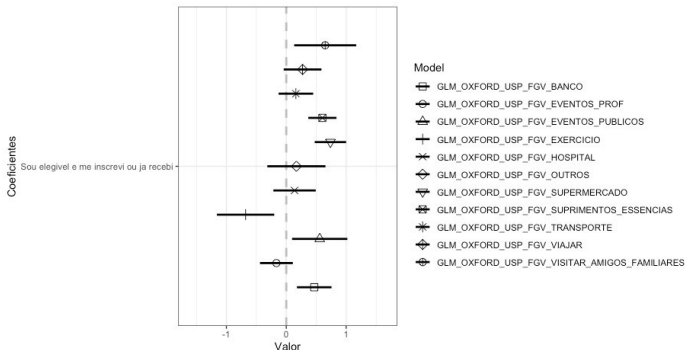

Oxford-USP-FGV Respondents' Experiences with Brazil's Auxilio Emergencial (R$600)

Source: Oxford-FGV-USP(2020)

Average Number of Days Eligible Individuals Left their Home (total 14 days)

Impact of Auxílio Emergencial on Leaving the Home

Source:Oxford-FGV-USP (2020)

Do emergency cash transfers affect leaving the home?

Among eligible	Average COVID-19 Infection Risk Score (SD) Size	Average COVID-19 Infection Risk Score Score >0 (SD) Size
Auxilio recepient	0.352 (0.964) n=564	1.714 (1.482) n=116
Non-auxilio recepient	0.120 (0.406) n=116	0.497 (0.713) n=28
Total	0.313 (0.898) n=680	1.477 (1.447) n=144

Muito obrigada!

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