Replication Codes for **“The lockdown Effect: A counterfactual for Sweden"** by Benjamin Born, Alexander Dietrich and Gernot Müller

Main Folders:

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| Datasets | Folder contains all datasets used in the paper |
| Figures | All figures shown in paper and appendix are saved here |
| SCM\_Matlab | Folder contains files on the synthetic control method |
| Tools | Auxiliary files used by the synthetic control method |

Main Stata .do files:

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| --- | --- |
| dataset\_generate\_Feb2021.do | Downloads infection and death data from Johns Hopkins University website, as well as mobility data from google, generates excel files to be used in the SCM |
| Figure\_S1\_rates\_per\_country.do | Generate figure S1 |
| figure\_S2\_testing.do | Generate figure S2 |
| stringency\_index\_table\_1.do | Compute average Policy Stringency Index for the lockdown period per country, as shown in table 1 |

Note: Make sure not to overwrite datasets stored in the “Datasets” folder since these are needed to replicate results. Downloaded data may be subject to (minor) data revisions. All .do files generate datasets with an “\_new” suffix, if new data is downloaded from the web to extend the analysis.

SCM\_Matlab

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| --- | --- |
| Figure\_1\_Infections | All results for specification A (matching Infections) |
| Figure\_1\_Deaths | All results for specification B (matching deaths) |
| SCM\_lockdown\_Baseline\_Infections | Main SCM code for Spec. A |
| SCM\_lockdown\_Baseline\_Infections | Main SCM code for Spec. B |
| Google\_Mobility | Figure 2 |
| Figure\_1\_Infections | Robustness Specification I |
| SCM\_lockdown\_Baseline\_Infections\_I1 | Robustness A I |
| SCM\_lockdown\_Baseline\_Infections\_I2 | Robustness A II |
| SCM\_lockdown\_Baseline\_Deaths\_R1 | Robustness B I |
| SCM\_lockdown\_Baseline\_Deaths\_R2 | Robustness B II |
| SCM\_lockdown\_Baseline\_robustness\_Infections | Robustness A1 to 3 |
| SCM\_lockdown\_Baseline\_robustness\_Deaths | Robustness B1 to 2 |
| SCM\_lockdown\_Baseline\_placebo\_Infections | Placebo for Spec. A |
| SCM\_lockdown\_Baseline\_placebo\_Infections | Placebo for Spec. B |

Codes store figures as .pdf to the “Figures” folder.