Strat. 1: break them on a daily basis

But also: collapse to singular events.

* Discarding strategy: How much of this information is common denominator across countries?
* Mandatory vs. non-manditaro
  + Majority
  + What does mandatory mean? Fine?
* Who enforces the lockdown: police, army
* Country wide
* We want binarized info in Lockdown and
* Strictness of policy which we can use to binarise.

Endogeneity between strictness of lockdown and change in movement

Goal: identify the oscillation in policy, predict the third cycle. Prepare the trap for the prey in the 3rd cycle.

* First wave of regressions: adherence and inertia to it by the public per country
* Second wave of regressions: response to 2nd cycle of oscillation.
  + Poetic remark: viscosity of public adherence
* Argument for the oscillation (emergent?) strategy: <https://twitter.com/iandonald_psych/status/1238518371651649538?s=19>
  + Herd immunity:
  + <https://www.virology.ws/2020/05/07/there-is-one-and-only-one-strain-of-sars-cov-2/?fbclid=IwAR0bszLhm9tpA2wLxrP97sOZ8wkkmOFMKALAiHz5lfQOpV1zrhUGVKnrpBw>

Lio: in econ lit. country level analyses with one observation per country, are outdated – we stopped doing this stuff in the late eighties. So now look for: long panel data (2-3 obs.) or even really dynamic (annual data).

* Use some of the criticism as a Segway for transitioning from the coarse (binary analysis) to the more nuanced level of analysis.

What is policy\_activity\_index? Is it a proxy for strictness of covid measures? Can we use it?

Can we make the case for collecting new data?

* Send UKRI funding call to Lio

To do:

Over-impose daily fluctutations of policy index to Google movement.

* Plot oscilation: cluster x-axis on a weekly basis (controlling perhaps for the weekday a decision was taken). Weekly because too noisy day-day and because Google has already adjusted averages for the weekday.