**Meeting Gergana on 25/02/20**

* Data structure
  + Sample size will be plots (time-series)
  + Adjust size of points according to number of plots on diagram?
  + But need to create table with
    - Spatial scale: Study ID, plots, observations; mean plots per study
    - Temporal scale: years; mean duration of time series (eg 12+-5)
    - Taxa: mean plot/study/observation per study
* Model
  + List all random effects in preregistration
  + Leave latitude out as fixed effect, but include grid cell as random effect
    - Using package dggridr
  + Distribution zero one beta (with brms)
  + Include taxa interaction term
* General
  + Time-series are exhaustive studies on taxa level (trying to capture all from one taxa)
  + Def assemblage
    - See paper: <https://www.journals.uchicago.edu/doi/pdfplus/10.1086/285850>
    - Geography and phylogeny
  + Def turnover
    - … due to replacement over time/across sites over space
  + Put table with 20 rows of data in preregistration (sample data)
  + Exclude multiple taxa (because different sampling method)
    - New data inclusion criterion: at least 20 studies per taxa
  + End date of time-series more important than start data, but for now include all and then sensitivity analysis later (1970 – 2010) to avoid temporal mismatch (will probably result in stronger relationship) -> discussion!
  + Accessibility as cumulative variable
  + Change criteria to only 2 minimum data points in plot
  + Data collection consistent within studies but not between studies
    - For terrestrial realm variation matters less -> confidence in methods
  + Reasoning why taxa differently: plants more vulnerable, because they can’t move
* Diagram
  + Make diagram of all concepts using PowerPoint or illustrator
  + Noun project with many icons
  + Use different colours for different taxa