**Meeting with Gergana on 16/03/20**

General:

* Figuring out plot/time-series through STUDY\_ID\_PLOT is fine (sample\_desc not necessary)
  + Exclude plots with only one point in time
* Difficulty with figuring out Jaccard:
  + start with one plot only and then scale up
  + <https://github.com/sChange-workshop/BioGeo-BioDiv-Change/blob/v2.0.0/R/02_rarefy_griddedData_clusterVersion.R> (Jtu)
  + Check vegan package
  + Other package: <https://besjournals.onlinelibrary.wiley.com/doi/full/10.1111/j.2041-210X.2012.00224.x>
* Difficulty with dggridr
  + Write issue on repo giving r/studior version, error message and sessionInfo()
* Difficulty with scaling HPD
  + Extract first, then scale (also better for values)
* Taxa RQ
  + State in prediction which taxa ist o be most sensitice with references (for each taxa)
* Rarefaction
  + Check studies which have only one lat/long -> how big is their area?
  + Not needed
  + Can plot area as fixed effect
* Extracting values from accessibility/HPD
  + Only 1km² at each lat/long given
* Sensitivity analysis
  + Extraction of mean A/HPD on different scales (landscape: 25/50/100 km²)
  + Model: turnover ~ accessibility\*scale
    - Test whether there is a scale effect
    - Might be different for different taxa!
    - Mobility of species plays role!
    - List all potential ecological interpretations (eg mobility, species roam, species characteristica)