Discussion on how to proceed:

* Are the findings worth for publication?
* At the moment, it is not really new, so a paper is not possible. But, based on the results / papers currently produced in VALUE, an experiment to examine the asymptotic curve, can be meaningful.
* Or one can do a mathematical/statistical approach of how many 3M are necessary to get a asymptotic curve.
* Split into two groups: distill guidelines and literature. The aim is to see if there is something new.

***Key points and guidelines:***

Observation

* Validation needs observations, so reliable observations are needed
  + As good as possible
  + As multi as possible
  + Be careful what we are comparing with
    - Point focus against station stations
    - Spatial focus against data set that also focus on the spatial representation
  + Reanalysis data set should be part of the validation data set, but not treated as like observations (in the failure of observational data sets)
  + WATCH data set
  + Clear statement on their validation data set

Downscaling

* Smart selection based on your target variable (variable and the state of the variable (mean, extreme, climate change signal), but then use multiple approaches to cover the uncertainty.
* Interchanging of independent variable. You should not corroborate inter-variable dependency?

Climate Modell

* All available members, (but select based on the target variable and region)

**Literature group**

The literature reveals that there is a lot around, but mainly uncertainties of one or two of the 3Ms. So there is a potential for an article, but an experimental setup is necessary.

Then, a discussion start on how to design such experiment.

Experiment: obs-data available, RCM data-available, statistical methods have to be provided:

Batosz, Olle, Denise, Renate can provide a set of method that nearly cover all different categories (Presentation Andreas Fischer). Missing gaps to be filled by

The experiment should focus on temperature and precipitation, today and future. Simple first!

Obs.data set: VALUE related data set , ERA SM ?, E-OBS, Melson data set, subset of ~10 grid cells distributed over Europe or a smaller subregions (Alps)

Pre-select from the first VALUE results (room members first, fill-)

Post-analysis:

* ANOVA
* ….
* …

How to proceed:

Third week of August, Skype Meeting, Google.Docs from now to then with a draft about the experiment.