The magic of R…

What is R ?

- not GUI
- Perfect for reproducibility
- Interdisciplinary
- Works on data of all formats
- High-quality graphics
- Large community
- Free, open-source and cross-platform

R studio

- Open up R studio

Basic R syntax

- Packages (in library)
- functions
- Assignment operator <-
- Arguments =
- Comments # for documenting
- $ operator

Data Manipulation

Data cleaning

- Taxonomic Name Resolution

- Removing suspicious points
- Rounding up
- Removing duplicates
- Trimming to region of interest

  – DataCleaning.R

Climatic layers processing

- Trimming to region of interest
- Correlation Test

  – ClimateProcessing.R

Run MaxEnt !!!!