

Welcome to the Summer School on Computational Modeling of Cognition

Stephan Lewandowsky

Klaus Oberauer

Gordon Brown

Chris Donkin

Cas Ludwig

Joachim Vandekerckhove

Jana Jarecki

Laura Fontanesi

Michael Nunez

Beatrice Kuhlmann

House Keeping

- We provide breakfast and dinner
 - ... but no lunch
 - ... and no drinks at dinner
- You are responsible for settling your own beverage bill
- You drink, you pay

Mentor Assignment

- You have all been assigned mentor(s) who will be your first point of contact for any issues arising in connection with your *modeling project*.
- Your modeling project:
 - developed in coordination with mentor.
 - time set aside during school for you to work on it.
 - final presentations on Friday 22nd July.
 - commence work on Wednesday

Programming Project*

- The project is due by lunch time tomorrow.
- You have all evening and part of tomorrow to work on it.
- Solution will be presented tomorrow afternoon.

* As distinct from your individual modeling projects

R

Day 1

Sunday 10 July

Overview for Sunday (Today)

Time	Instructor	Topic
9:00 – 9:30	Welcome to the Summer School + split R and Python	
9:30 – 11:00	Stephan Lewandowsky	Command line exercises, R Studio and R files basics
11:00 – 12:00	Jana Jarecki	Basics of programming: if, for
12:00 – 1:00	Jana Jarecki	More exercises
1:00 – 2:00		Lunch (on your own)
2:00 – 3:00	Jana Jarecki	Functions and vectorization
3:00 – 4:00	SL	Factors, data frames, ANOVA simulation
4:00 – 5:30	Klaus Oberauer	Deciding where to have dinner
5:30 – 6:30	SL [no Python]	Provide information about programming project and commence work on project
6:30		Dinner

Why R?

- R is free
- R is powerful
- R is “expert-friendly”
- R has numerous packages for a broad range of problems

But

