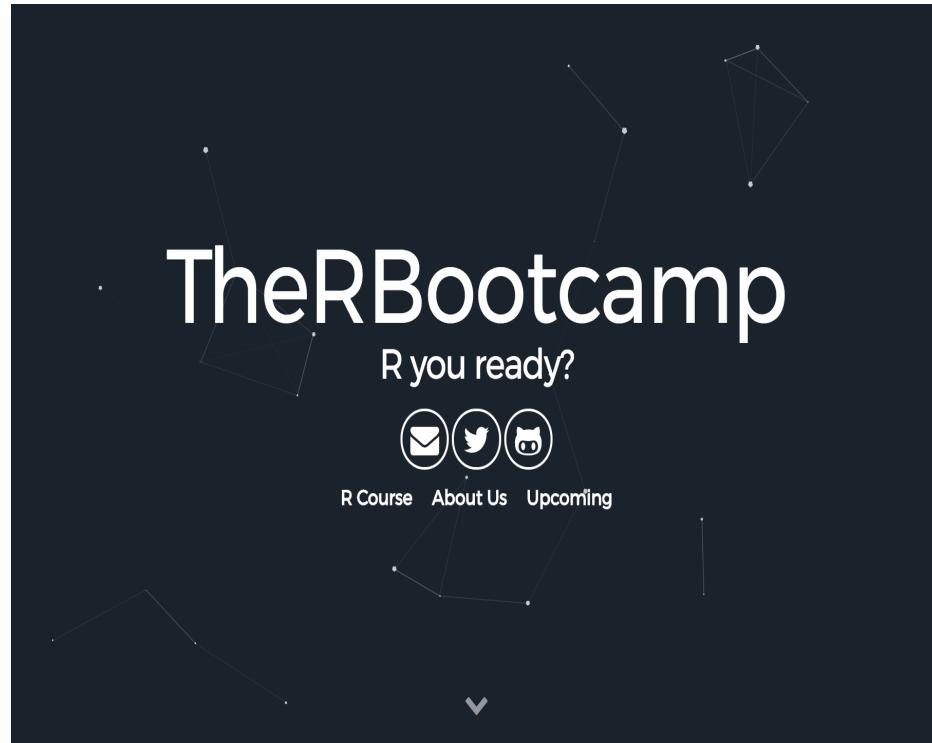


Welcome!

The R Bootcamp
Twitter: [@therbootcamp](#)

September 2017

Welcome!

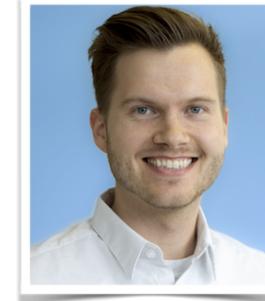


Schedule and Course links

	September 9	September 10	September 16	September 17
0930	Welcome	Recap	Recap	Recap
1000				
1030	What is R?	Wrangling data	Tidying code	Efficient code
1100	+ Practical	+ Practical	+ Practical	+ Practical
1130				
1200	Lunch	Lunch	Lunch	Lunch
1230				
1300				
1330	Objects in R	Statistics	Plotting	Dynamic Reports
1400	+ Practical	+ Practical	+ Practical	+ Practical
1430				
1500				
1530	Data I/O	Machine learning	Plotting 2.0	Next steps
1600	+ Practical	+ Practical	+ Practical	
1630				
1700	Wrapup	Wrapup	Wrapup	Apero
1730				

therbootcamp.github.io/schedule.html

Who are we?



	Dirk U. Wulff	Nathaniel D. Phillips
Birthplace	Frankfurt Germany	Portland, Oregon
Position	Researcher Cognitive and Decision Sciences (CDS)	Researcher Economic Psychology
Research Interests	Decision Making Semantic Networks Statistical Modelling	Decision Trees Heuristics Reproducible Research
R Packages	cstab, mousetrap	FFTrees, yarrr
Years of R use	11	6

Aim

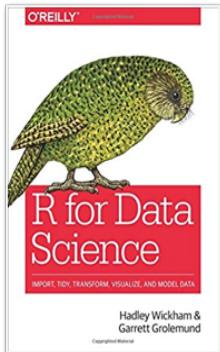
The aim of this workshop is enable you to thoughtfully and actively use R. We will communicate both the basics of the R language, as well as cutting-edge packages for wrangling, analyzing, and communicating statistical data.



Where can I learn more?

R from the ground-up

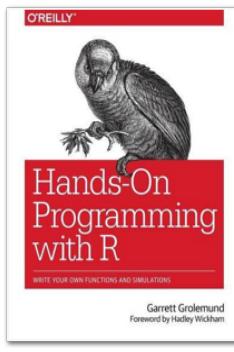
R For Data Science
Wickham & Grolemund



YaRrr! The Pirate's Guide to R
Phillips

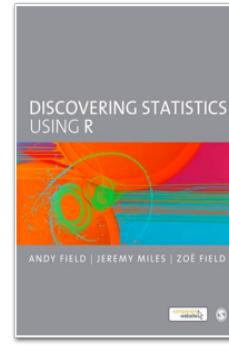


Hands-on Programming with R
Grolemund

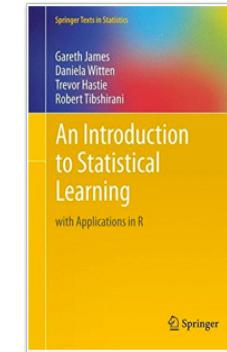


Statistics

Discovering Statistics using R
Field, Miles Field

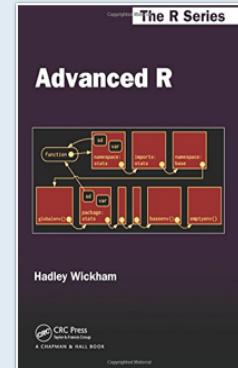


An Introduction to Statistical Learning
James, Witten, Hastie, Tibshirani



Advanced

Advanced R
Wickham

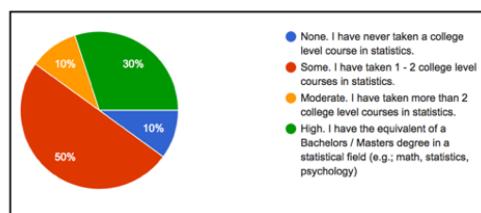


Schedule

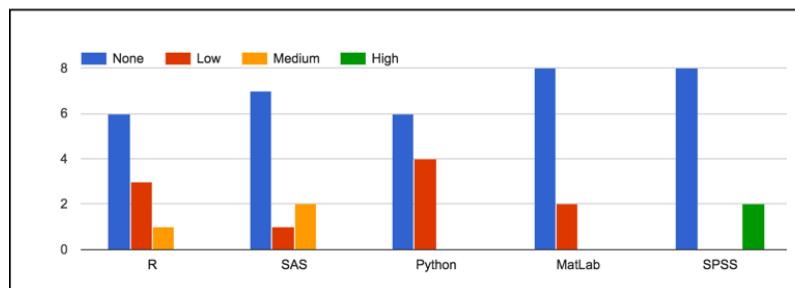
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1730				

Survey results

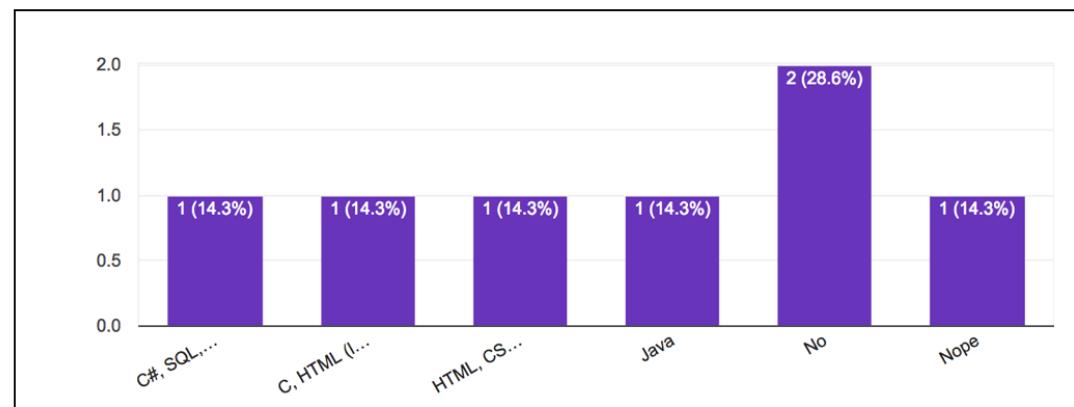
What is your background in statistics?



What is your experience in the following statistical languages?



Are there any other programming languages you are proficient in (e.g.; HTML, Java)



Session

- Each **session** is 2 hours
- 20-40 minute **introduction**.
- 80 - 100 minute hands-on, interactive **practical**.
 - Starts **easy**, gets more **challenging**.
 - Some elements go **beyond the lecture**, be bold!



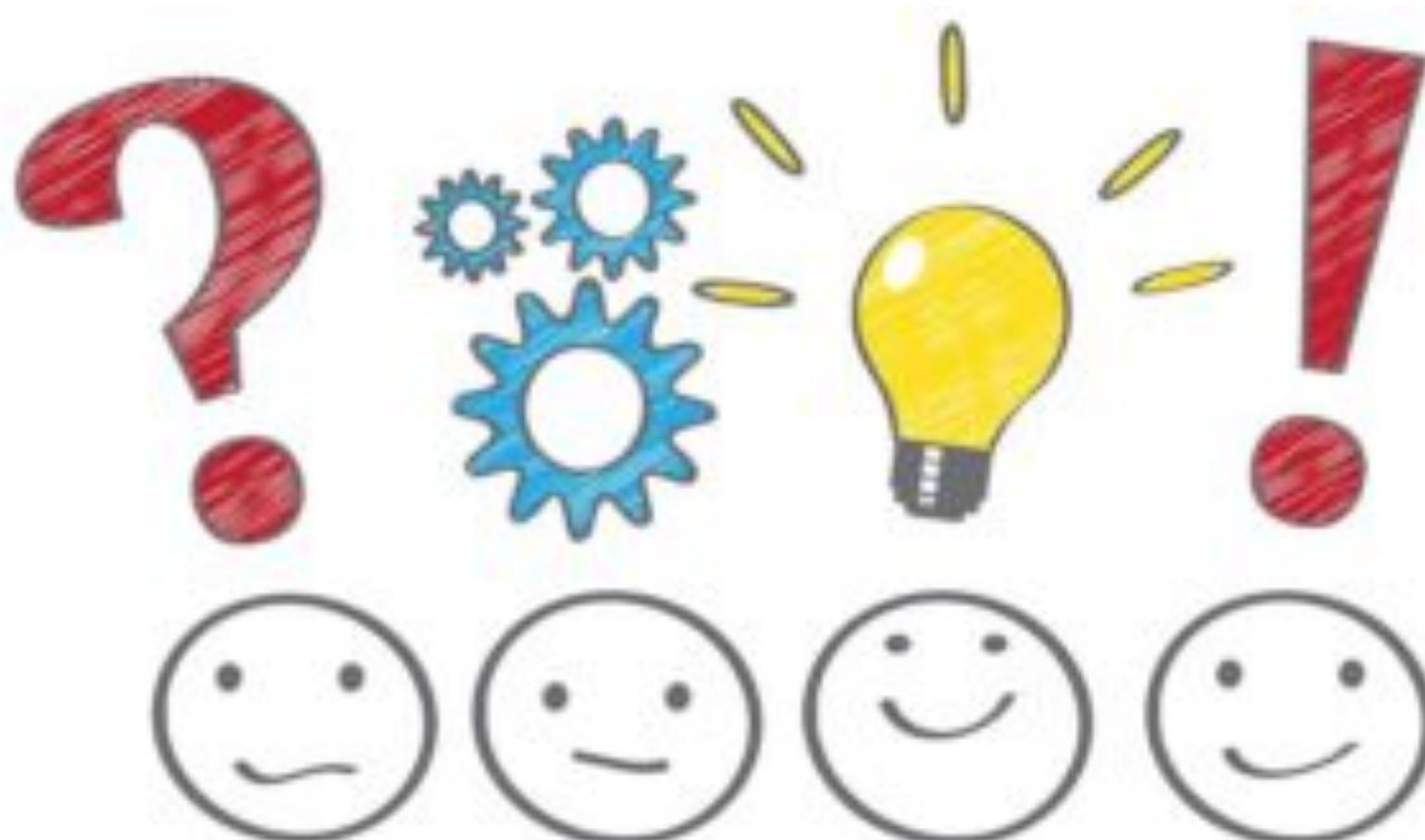
Breaks & refreshments

- **No explicit breaks** during the practical, but feel free to take them!
- **Refreshments** nearby
- **Coffee machine** nearby (1 CHF)
- **Lunch** time at local grocery store / restaurant

Tibits



Questions?



Introduction round

1. What is your name?
2. Where are you from?
3. What is your programming experience?
4. Why do you want to learn R?

