

Evaluation results: R-course - Advanced modules (September 14-16, 2020)

Course details

Instructor: Thomas Wutzler, Nora Linscheid, David Martini, David Pablon

More information is provided on the webpage: <https://www.bgc-jena.mpg.de/domains/impres-gbgc.de/index.php/Courses/RCourse2020>

12 out of 15 participants filled in the survey by October 2, 2020

Survey results

Did the goals and the structure of the course matched well with the course description?

1. Yes = 12

To which extend has the course improved/clarified your general notion of your career planning outside of academia?

- I think that this course can be useful to training people, and improve data visualisation and develop tools to improve data science at industry or others aspects out academy.
- To an advanced level
- Not sure if this applies here but I guess programming skills are useful anywhere nowadays so improving data processing skill can help also outside of academia. Mildly?
- Show me another way to improve the efficiency and quality of work
- advanced work with r language

Do you think the workshop was helpful for your skills? Would you recommend this course to others?

- yes = 12
- of course, it was a very useful and the instructors are available anytime to support us
- Very helpful, the exercises went right into the core of things and can be used also later when I would go deeper into given topic. In general it gave really good overview!
- Yes, I can recommend to whom wants to experience `map()`, `ggplot()`, and package-creating process.

Did the trainer take sufficient time / opportunities for questions and discussions?

Daniel Pabon

- Yes = 12
- questions +exercise+discussion) => 3/3
- This trainer provided sufficient opportunities to ask something

David Martini

Yes = 12

Nora Linscheid

Yes = 12

Thomas Wutzler

Yes = 12

Which parts of the course were especially good (and why)?

Daniel Pabon

- clear message and very useful tools
- Exercise session : interactive = 2*
- Project organization, few good basic suggestions; parallel computing, potentially very helpful
- Examples of parallelization (when it helps/doesn't)
- Package building, wonderful
- clean code, folder structure
- profiling a script with provis + Kindly responded to my questions,
- Organising code, work flow integration. Really useful!
- organizing your plot and coding style (it was clear, a lot of examples, interactive game))
- good, no specific
- clean coding! I really wished for it and now I was happy :) - nice with this online rating

David Martini

- very clear exercises and easy of understand
- Question and discussion session=> clearly explained
- Exercises
- mapping and nesting, ggplot, due to concept clarification and good basic examples, respectively
- ggplot exercises were fun!
- Nest and ggplot, wonderful
- map function, ggplot exercises - different exercises for people with different experiences in ggplot
- letting me experience map, nest, and ggplot functions + Kindly responded to my questions,
- ggplot, easy and convenient for data visualisation !
- ggplot (clear explanation, examples, clear exercises)
- good, no specific
- the map function was very helpful, but also general things about structure and annotations

Nora Linscheid

- very clear presentation and kind to support us to improve or to do the exercises
- Presentation => clear and discussion session=>interactive
- Theory/Exercises
- tidying of datasets, basis for work in the tidyverse
- Good overall explanation of tidyverse + long format
- Tidyverse, wonderful
- good overview about tidyverse
- data formatting + Kindly responded to my questions,
- Tidyverse, many advantages in sorting or reshaping your data
- tidyverse (clear explanation)
- very good reduction to the important underlying structure but also mentioning some details like selecting variables- good combination

Thomas Wutzler

- useful tool and exciting presentation to do packages at R
- Presentation =>clear and exercise session=>interactive
- Theory
- benchmark, good option to confront alternative codes
- Great tips for performance improvements!
- Cleaning code, wonderful
- optimizing your code
- letting me experience creating a package + Kindly responded to my questions
- Making your own package and debugging
- creating of packages (good explanation)
- very good exercises

Which parts of the course were not so good / not so fitting / not well enough presented?

David Pabon

- style, for me relatively secondary
- Current
- I prefer written codes with longer explanation than live coding, code style was not explained (only what is standard but often without explanation why)
- did best within a short time period given
- Everything was good /no = 5

David Martini

- too little time for the exercises (day 1)
- did best within a short time period given
- Everything was good / no = 5

Nora Linscheid

- Maybe we needed half an hour more on tidyverse and the exercises, before moving forward.
- The "pipe" concept was not clarified very well; too little time for the exercises
- different exercises for people with different backgrounds

- I prefer written codes with longer explanation than live coding
- Everything was good / no= 5

Thomas Wutzler

- Maybe a better link between the theory and the exercises.
- profiling not very clear; FOR ME: R package preparation not very useful at the moment
- too much content - especially about the package section. since this is a complex topic I personally would benefit more from it if it would be an individual course. the way it was at this course I could not learn that much from it
- did best within a short time period given
- it would be great to have more time for exercises in "writing packages" section
- Everything was good / no = 5

Do you have other suggestions for a future seminar?

- I recommend the course to people who have some previous experience with R. This can be put as disclaimer for the future workshop.
- More time for exercises
- I think it would be useful for me to give more emphasis on the fact that variable names do not have to be quoted before first exercises. In general, to get a summary of the differences among base R and tidyverse in coding concepts.
- Look forward to more relevant courses
- Keep doing those internal courses. We have so much sources at our institute and we should share them with each other more frequently.
- It will be more useful if moving the 2nd-day course to the 1st day.
- data visualization with r, writing functions
- Keep improving the structure of tutorial documents; Importing more functions instead of spending a bit of long time doing excises for one function.
- do this one again. Or more general - more of such courses with concepts like "most util stuff (you could never have known) from advanced PhDs for beginners"