

RHUL Psychology Statistical modelling notebook

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Chapter 1

About

This book is maintained by Matteo Lisi and is meant to be a shared resource for the Department of Psychology of Royal Holloway, University of London. It will contain a miscellaneous set tutorial, examples, case studies, workshops materials and any other useful material related to data analysis and modelling.

Chapter 2

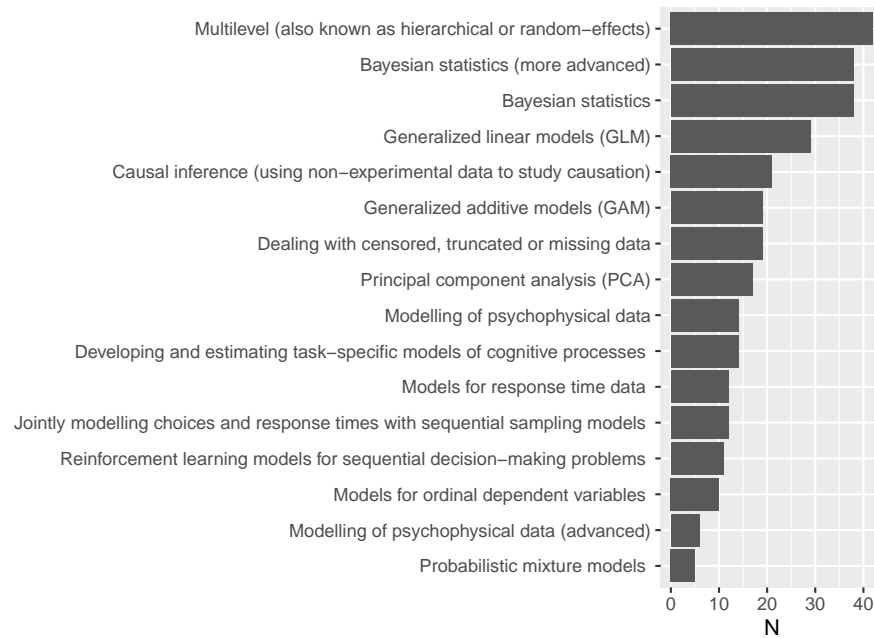
Surveys

I used an anonymous survey to ask colleagues some questions about which topics may be more interesting or useful in their research.

2.1 March 2022

2.1.1 Question 1

In the first question people indicated topics of interests. The winner is multilevel models, followed closely by Bayesian statistics.



Additionally there were some additional suggestions.

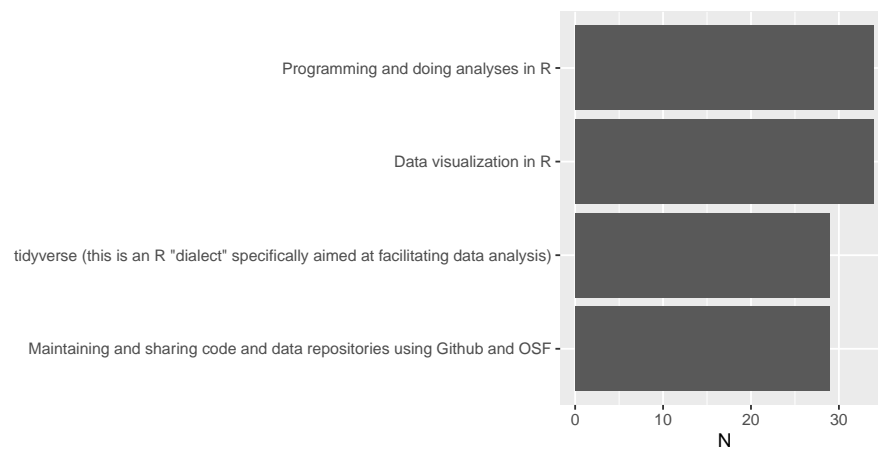
```
#> [1] "power analyses using Shiny apps"
#> [2] "agent-based models"
#> [3] "this may be covered in the above, but approaches to analysing experience sampl."
#> [4] "Methods for longitudinal analyses"
#> [5] "Network modelling"
#> [6] "Neural networks, Markov processes"
#> [7] "Random forests and related"
#> [8] "causal modelling using regression models - path models etc"
#> [9] "prediction modelling"
```

A few other topics were mentioned in the comment section:

- Shiny apps
- Network modelling
- Longitudinal analyses
- Random forests
- Neural network

2.1.2 Question 2

Here people indicated their interest for topics related to data analysis.

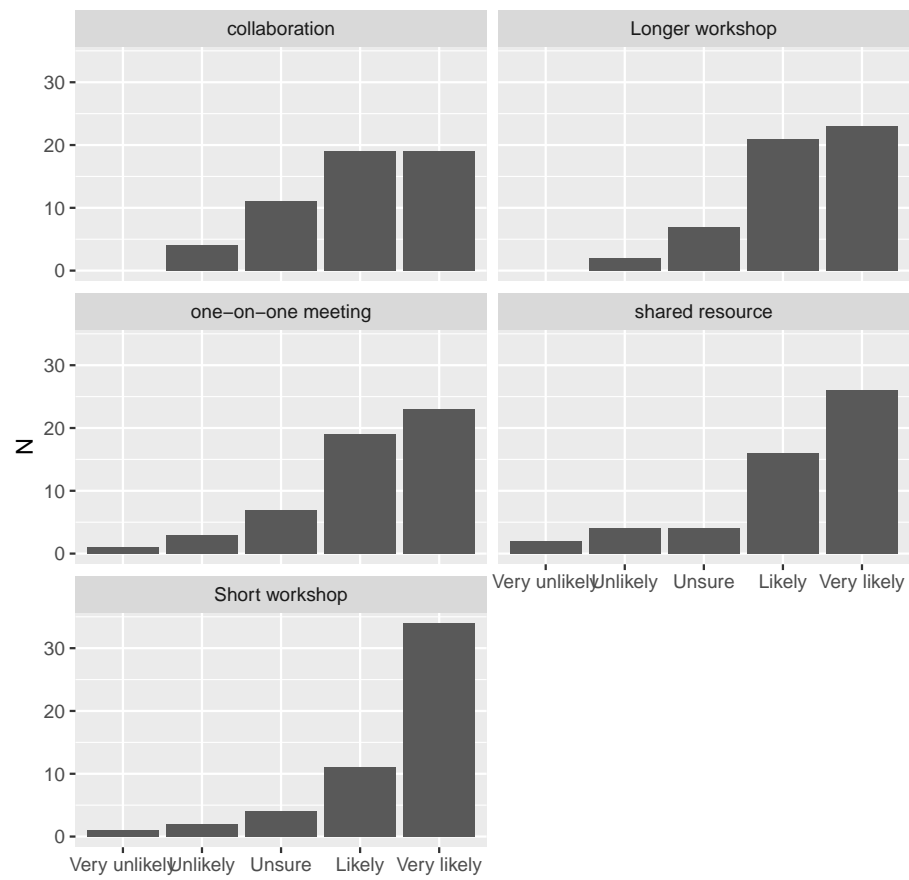


Other things mentioned in the comments were:

- SPM
- Docker
- Python

2.1.3 Question 4

This question was about likelihood of using different formats of support



2.1.4 Respondents' status

The final questions asked about the status / career level.

