

University of Southampton Library R training

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Preface

This is a book contains R code and examples for addressing tasks faced by the Bibliometrics Team at the University of Southampton Library Service.

If you want a full guide to data analysis in R check out [R for Data Science](#)

Some of the materials here are re-used from previous workshops I ran for biologists from 2019/20 called [Coding Together](#).

If you are new to R, then the first thing to know is that R is a programming language and RStudio is program for working with R called an integrated development environment (IDE). You can use R without RStudio, but not the other way around.

[Download R here](#) and [Download RStudio Desktop here](#).

1 Getting started

This has no content yet. See Knuth (1984) for additional discussion of literate programming.

2 Data wrangling I

This has no content yet

3 Data wrangling II

This has no content yet.

4 Visualisation

This has no content yet.

References

Knuth, Donald E. 1984. “Literate Programming.” *Comput. J.* 27 (2): 97–111. <https://doi.org/10.1093/comjnl/27.2.97>.