

University of Inland Norway

Scientific Communication, Collaboration and Design in Quantitative Research Using R

R you serious, is R easy?

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R you kidding me?

This is a text. It explains something important. Combining code and text with Quarto is ...

R you sure that R is best? Read Wickham et al. (2017) book on R and data science to find out for yourself.

Showing of R code and output

In the sim-rawdata.R file I made a dataset with the following code:

This is a snippet of what the dataset looks like:

This is a "detailed" plot of the data with all t-test info of statistical differences between y and z.

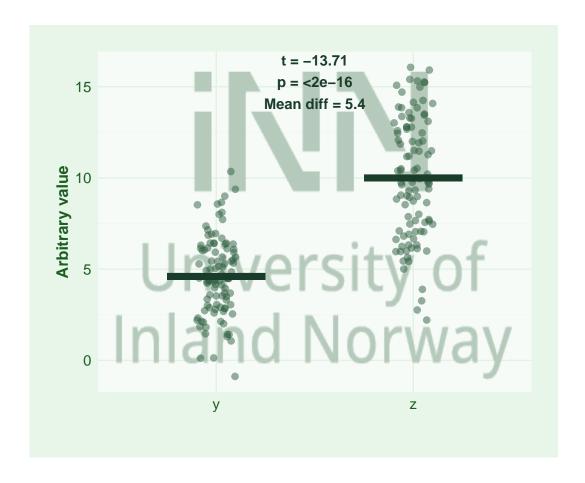


Figure 1. R you sure about this figure? -no. Grey points indicates individual values. Red crossline indicates the group average value.

The code chunk below stores statistical results and data summaries R objects, which is usefull for writing results in quarto text.

This paragraph utilizes the stored text objects above. z's average score of 10.0 ± 3.3 was 5.4 (p = <2e-16) higher than y's average score of 4.6 ± 2.2 .

Basic quarto text syntax

```
\mathit{Italic},\, \mathbf{Bold},\, \mathit{ItalicBold},\, \mathbf{red},\, \mathbf{yellow},\, \mathbf{blue},\, ^{\mathrm{superscript}},\, _{\mathrm{subscript}}\, \dots
```

References

Wickham, H., Grolemund, G., et al. (2017). R for data science (Vol. 2). O'Reilly Sebastopol.