

# **Statistical Consulting**

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# Preface

Our goal in this book is to create a resource for statistical consultants - both new and old in the tooth. Often these skills “go without saying”, but once any two statistical consultants get together, there will be lots of

“Oh I like that - I might steal it”

So we thought, let’s create an online version of that. Hence, if you feel that you have

- advice,
- tips,
- tricks, or
- horror stories from the front-line,

then please feel free to add.

Remember that these chapters are not **THOU SHALL**, but more, *maybe you could*.

# **1 Introduction**

So you have your degree, master, PhD in statistics and have been asked by a researcher to help her analyse her data - now what. You know your Kruskal-Wallis from your KS-test and are proficient at R/Python/Julia/<INSERT LANG HERE>, but the researcher is talking about sample sizes, grants, microarrays, bone samples, surveys, etc. etc. etc. and you do not know where to start. Welcome to the wonderful, exciting, scary world of statistical consulting. So before we start, let's introduce ourselves.

## **1.1 Prof. Karen Lamb**

## **1.2 Assoc. Prof. David Price**

## **1.3 Dr Jono Tuke**

## **1.4 Dr Nicole White**

## 2 Project structure

Knuth (1984)

## 3 Summary

In summary, this book has no content whatsoever.

## References

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