SC3L Client Frequently Asked Questions

Ph.D. Consultants

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Chapter 1

Statistical Cross-disciplinary Consulting & Collaboration Lab (SC3L)

The SC3L is a free service available to students, faculty, and staff at the University of Nebraska–Lincoln who are in need of assistance with a Master's thesis, a PhD dissertation, or faculty research. The desk is staffed around 40 hours per week by advanced PhD statistics graduate students who will work with you one-on-one to design experiments, conduct power analyses, summarize data, and conduct statistical analyses.

The SC3L does not provide assistance with homework, course projects, or comprehensive exams. We also do not provide SAS installations.

Visit our UNL website here.

This book is meant to serve as a resource for our clients.

Chapter 2

Collaborating with the SC3L

2.1 Meetings

1. **What kind of meetings do you offer?**
2. **How do I schedule an initial meeting?**
3. **What can I expect from my initial meeting?**
4. **How many follow-up meetings can I have?**
5. **How far in advance can I schedule a meeting?**
6. **What if the consultant I want to work with has a full schedule?**
7. **Where do I meet with my consultant?**

2.2 Consultants

1. **How do I communicate with my consultant?**
2. **Can I switch consultants?**

2.3 Deadlines

1. **What if my deadline is in a few days?**

2.4 Co-authorship

1. Do I have to include my consultant as a co-author?

Chapter 3

Statistics Software

3.1 SAS

The UNL Statistics department offers SAS installations through Steve Westerholt for $65. Please contact Alison Reckewey at areckewey2@unl.edu or visit the main statistics office at Hardin 340.

3.2 R

1. Download and run the R installer for your operating system from CRAN:

- Windows: https://cran.rstudio.com/bin/windows/base/
- Mac: https://cran.rstudio.com/bin/macosx/
- Linux: https://cran.rstudio.com/bin/linux/ (pick your distribution)

If you are on Windows, you should also install the Rtools4 package; this will ensure you get fewer warnings later when installing packages.

More detailed instructions for Windows are available here

2. Download and install the latest version of RStudio for your operating system. RStudio is a integrated development environment (IDE) for R - it contains a set of tools designed to make writing R code easier.

3.3 Other

While there are a handful of other statistical software tools, our consultants are most well versed in R and SAS. Below are a few others that you may be

familiar with. Our consultants may be able to provide basic interpretation of results from these.

- SPSS
- MPlus

Chapter 4

Data Setup

Chapter 5

Experimental Design

Chapter 6

Basic Statistics Concepts

Chapter 7

Dental

7.1 Dental Hygiene

Chapter 8

Workshops