

Winter Quarter Workshop Descriptions

Excel Tips, Tricks, Logic, Pivot Tables, and Automation

Kristin Grunewald, Christine Nothelfer, and James Glazer
(January Date/Room TBD)

Database management and large dataset management can be an overwhelming task, but it doesn't have to be! The goal of this workshop is to provide an introduction to logic functions, pivot tables, and automation of these calculations in Excel! This will be split into a two-part series. The first part will teach how to use logic functions and Pivot Tables. This will cover pivot tables and functions, what they're useful for, how to create them, and how to manipulate them. This portion will highlight whichever variables of interest while filtering out other subsets of data. If time allows, we'll also use Pivot Tables to create a histogram. You'll be given a data set so that you can follow along, and have something to refer to for future Pivot Table creation. Building on these functions skills, but no prior knowledge with excel, the second portion of the workshop will simply use the record live macro button automate calculations, formatting, and functions to streamline parsing data, processing EPRIME/EEG/etc for multiple subjects.

Introduction to R and Tidy Data Programming

Nathan Couch
(February Date/Room TBD)

R is a powerful and flexible data analysis tool, yet many find it daunting and confusing. It doesn't have to be! The goal of this workshop is to provide a gentle, but concise introduction to this useful programming language; you will be able to use R with your own data immediately. In this workshop series, you will learn to use the basic tools provided by R, troubleshoot difficult code, and ask precise questions, equipping you to continue learning R on your own. Finally, you will learn the principles of tidy data, a method for thinking about data that makes it easy to prepare crisp, simple analysis.

Introduction to Qualitative Measures

Natalie Gallagher, Erin Anderson, Hollen Reischer, and Raffles Cowan
February 22, March 1, and March 8, from 3-5 pm
(Room/Description TBD)

SPRING QUARTER

-Mia and Daniel- Writing Dissertations and Prospectus

-Sadie Wit- Science Communication for a general audience: Podcasts and Beyond