

Tidyverse & R Markdown Workshop

Date: Sunday, 1 December 2019

Time: 9am – 5pm

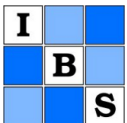
Location: University of Adelaide, North Terrace Campus, Hughes 322 Teaching Room

Cost: AU\$200 (IBS Member), AU\$250 (Non-member), AU\$100 (Concession)

URL: <https://ausbiometric2019.org/workshops/>

tidyverse is a collection of R packages that share a common philosophy to perform various data science tasks. In this hands-on workshop, you will learn data wrangling and data visualisation using the ggplot2, dplyr and tidyr packages, as well as touch on function programming using purrr to aid coding for repetitive tasks.

R Markdown is a file formatting tool that makes integrating text with R code and its output easy. This workshop introduce you to the power of R Markdown, from producing pretty and dynamic documents, to building html presentations using xaringan, and even creating your own reproducible book via bookdown. This workshop will be suitable for people who have some basic familiarity with R.



International Biometrics Society Australasian Region Conference, 3-6 December 2019

Dr Emi Tanaka has extensive experience with R and in the development of software. She has contributed to various R packages and extensions, including xaringan (html slides). Her hacking ability was praised by Dr. Yihui Xie (software engineer for Rstudio and author of many R Markdown related package such as knitr, rmarkdown, xaringan and bookdown) on his popular blog. She has presented a number of tutorials and workshops related to the topics of this workshop.



Annie Conway is a biometrician at The Biometry Hub, University of Adelaide. She has a background in mathematical statistics, in particular analysis of high-dimensional data, and design and analysis of agronomy research trials. She has previously instructed workshops on Introduction to R.

