The Happy Scientist Workshop, 2018: #2

Introduction to the Tidyverse, pt 1: Data Wrangling with dplyr

We are pleased to announce the latest of the educational workshops sponsored by the IMAGE Program of USC's Biostatistics Division. This series, the Happy Scientist workshop series, is aimed at providing educational material for researchers, both students and faculty, about a variety of tools and methods that might prove useful to them. If you have any suggestions for subjects that you would like to learn about in future, please send email to (pmarjora@usc.edu). Our agenda will be driven by your specific interests as far as is possible.

Description of this seminar: Developments in the last few years by the R community have revolutionized the data analysis pipeline in R, from manipulating and visualizing data to communicating results. The tidyverse, an ecosystem of R packages built to work together with a similar philosophy and friendly interface, has been an important part of this change. In this first talk in a series on the tidyverse, I'll discuss dplyr, a package that makes data cleaning easy and flexible. We'll cover the five main verbs of dplyr (select, filter, mutate, arrange, and summarize), how to group by variables, and how to chain commands using the pipe operator. dplyr also offers a number of other tools including table joins and easy SQL support that improve the data analysis workflow.

As ever, all members of USC are welcome to attend.

Happy Scientist Seminars, 2018: #2.
Title: Introduction to the Tidyverse, pt 1.
Speaker, Malcolm Barrett
Time: 11:45am-1pm, Thursday October 11th.
Location: Soto (SSB) 115/116