

Title: Workshop: Introduction to Shiny in R

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Abstract:

The R Shiny framework is an RStudio package that makes it incredibly easy to build interactive web applications with R. Shiny applications can help making methods and tools more accessible to fellow researchers and colleagues. They can be used as a teaching tool for statistical concepts, or for data exploration and visualization. This workshop will give a basic introduction to Shiny, explaining and demonstrating the most important concepts in a series of exercises. Over the course of the workshop, we will create and host our own shiny applications which, for instance, implement power analysis simulations, data visualization, or tools for data exploration.

Prerequisites: Participants should be familiar with R (e.g., how to load packages and how to make basic plots).

Assignment: Active participation

Credit: 1 workshop day