The goal: interactivity + reproducibility

Drug research and validation

Workflows benefit greatly from interactive apps, but analysis ultimately needs to be provided in a fully reproducible form
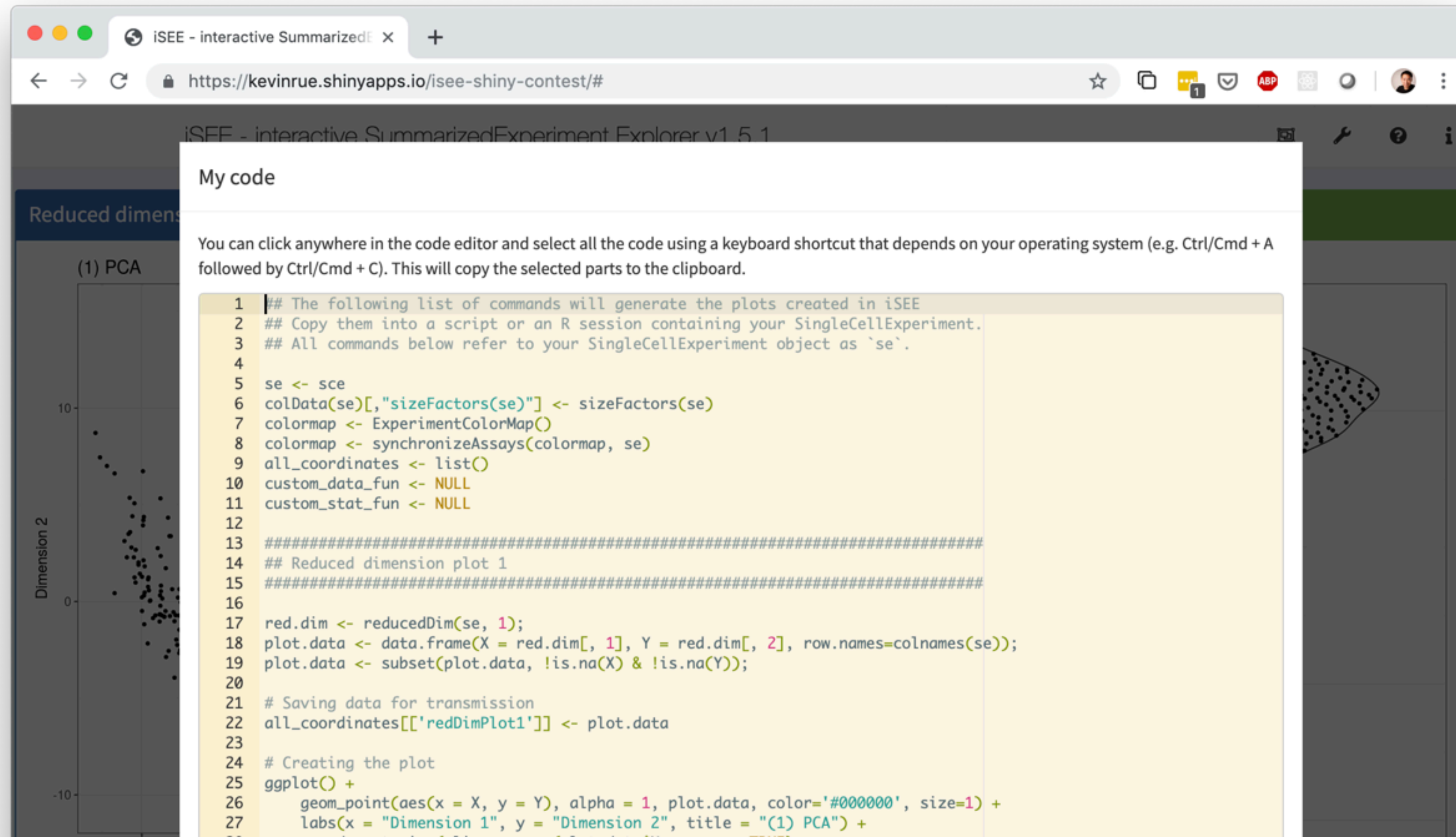
Teaching

Interactive apps to teach statistical concepts, with corresponding code snippets to teach usage in R

Gadgets/RStudio Add-ins

Use an interactive user interface to build e.g. a ggplot2 plot, regular expression, or SQL query, then insert the corresponding code into the Source editor

Reproducible artifacts

- View an R snippet

iSEE