But something is lost

Interactive apps are powerful and convenient, but reproducibility suffers (vs. R scripts or R Markdown reports)

- Outputs are transient and not inherently archivable (compared to saving the PDF rendering from a report or script)

- Reproducing analyses with Shiny is inconvenient: involves not just running the app, but re-enacting the same user interactions

- Although <u>bookmarking state</u> is a thing

- When interactivity is not required or desired, the extra code requirements of Shiny hinder source code clarity

But something important is lost

Interactive apps are powerful and convenient, but reproducibility suffers (vs. R scripts or R Markdown reports)

- Outputs are transient and not inherently archivable (compared to saving the PDF rendering from a report or script)

- Reproducing analyses with Shiny is inconvenient: involves not just running the app, but re-enacting the same user interactions

    - Although bookmarking state is a thing

- When interactivity is not required or desired, the extra code requirements of Shiny hinder source code clarity

The goal: interactivity + reproducibility