**Shiny render\* functions**

The render\* functions are reactive functions that can be used with reactive values that come from an input function. There are distinct render\* functions for different types of outputs.

Reactive values from input functions can only be used in reactive functions.

**function creates**

renderDataTable() DataTable; an interactive table based on data frame, etc.

renderImage() images (saved as a link to a source file)

renderPlot() plots (from base, ggplot2, lattice, etc.)

renderPrint() any printed output

renderTable() data frame, matrix, other table like structures

renderText() character strings

renderUI() a Shiny tag object or HTML

**Shiny output functions**

The output objects from reactive functions are placed into the user interface via \*Output functions.

Output for \*Output functions are made with reactive functions such as the render\*() functions.

**function** **creates**

dataTableOutput() DataTable (interactive table); use with renderDataTable()

htmlOutput() raw HTML; use with renderUI()

imageOutput() image; use with renderImage()

plotOutput() plot; use with renderPlot()

tableOutput() table (non-interactive); use with renderTable()

textOutput() text; use with renderText()

uiOutput() alias for htmlOutput(); use with renderUI()

verbatimTextOutput() text with fixed-width formatting; use with renderPrint()