ICA8: Tables

Comparing Table Making Packages

Create the same "Table 1" style summary statistics table using three different R packages to compare their strengths and weaknesses. I will compare gt, gtsummary, and kable, but you can explore others if you want.

We will use the penguins data and examine summary statistics overall and by species. The summary table should include the following:

- Sample size (could be in the column headers)
- Mean (SD) for bill length, bill depth, and body mass
- count (%) for sex and island

For some approaches you will create a tibble with all this information and pass it to the table function. For other, the table function can help you create the data summaries.

Consider the ease of setup, automatic calculations, visual appeal, and customization options.
Which package was easiest to use?
Which produced the most professional-looking output?
Which gave you the most control over formatting?
Which would you use for a quick analysis? For a publication?