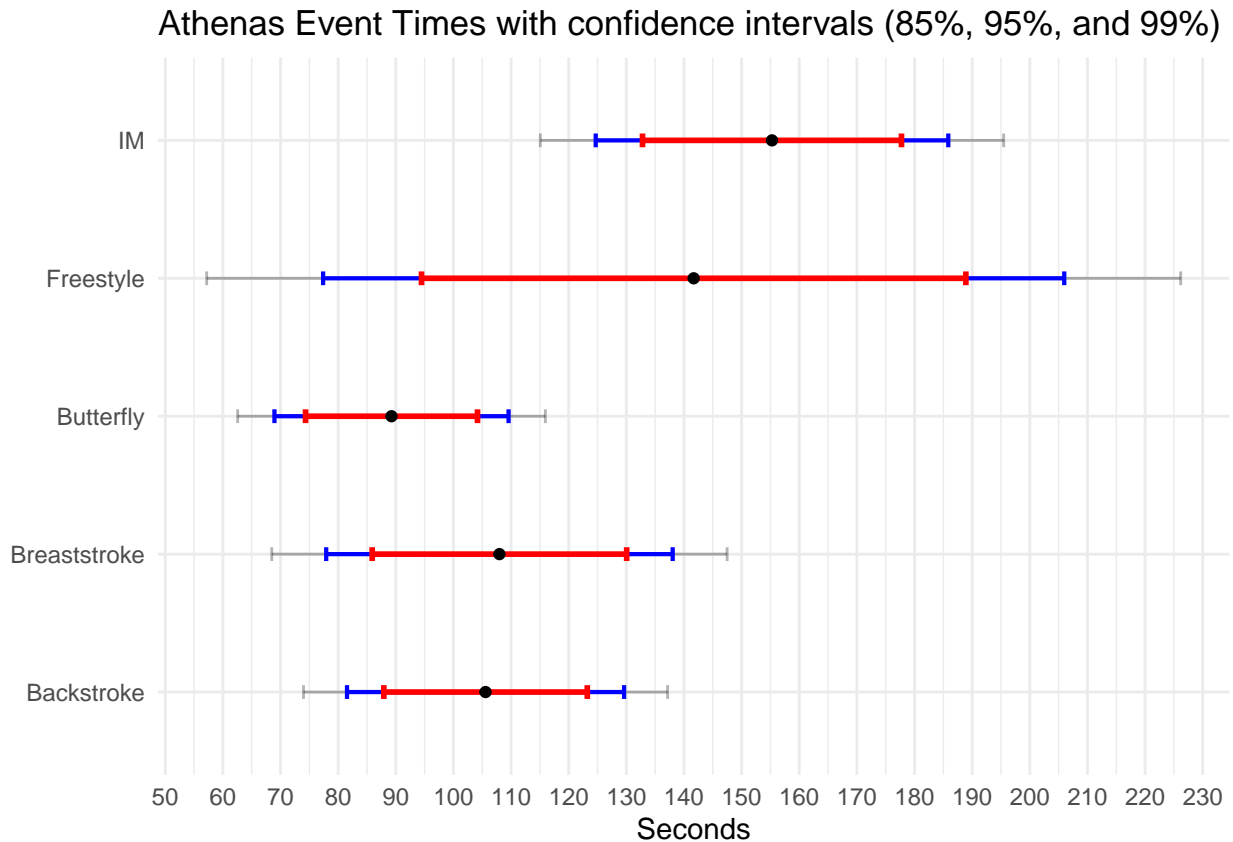# Homework 07

For this homework, create an `R Markdown` (e.g., `.Rmd`) file and save it to your `/report` project directory on your computer with the name and a prefix `hw07-Lastname-FirstInitial`. Full name example: `hw07cookg.Rmd`. Feel free to collaborate.

Data Set

Use the `SWIM` data set or your project data set if appropriate. You can access the `SWIM` data here. Ensure that any function you use to create your plot are either defined in your R Markdown file or are `source()`d from a script containing the function definition.

Problems:

1. Replicate this Plot as best as you are able.

Athenas Event Times with confidence intervals (85%, 95%, and 99%)

2. Save your plot as a `.png` file with an appropriate name and located in a relevant place using `{here}`. Refer to other content in which this processes was covered. This is practice for making `.png` files of your visualizations accessible for your project liaison.

3. In your R Markdown files, use `{here}` along with `knitr::include_graphics()` to render the `.png` plot file in your report. Refer to other content in which this was covered. This is more practice for your team project final report.

Finally, knit an `html` file and upload to: https://ln5.sync.com/dl/a038628f0/wwfifjxk-f7rfshin-rkedi3y8-77f9zaii