

Q.7 Follow the approach developed in Section 2.2 to read the files for the **female** runners and then process them using the functions in Section 2.3 to create a data frame for analysis. You may need to generalize the `createDF()` and `extractVariables()` functions to handle additional oddities in the raw text files.

Q.10 We have seen that the 1999 runners were typically older than the 2012 runners. Compare the age distribution of the **[female]** runners across all 14 years of the races. Use quantile–quantile plots, boxplots, and density curves to make your comparisons. How do the distributions change over the years? Was it a gradual change?