

Introduction to R

Session 6 exercises

Statistical Consulting Center

15 November, 2016

1. Plot the mean nerdy score for each gender (with $\pm 1.96 \times \text{SE}$ bars), as shown in Figure 1.

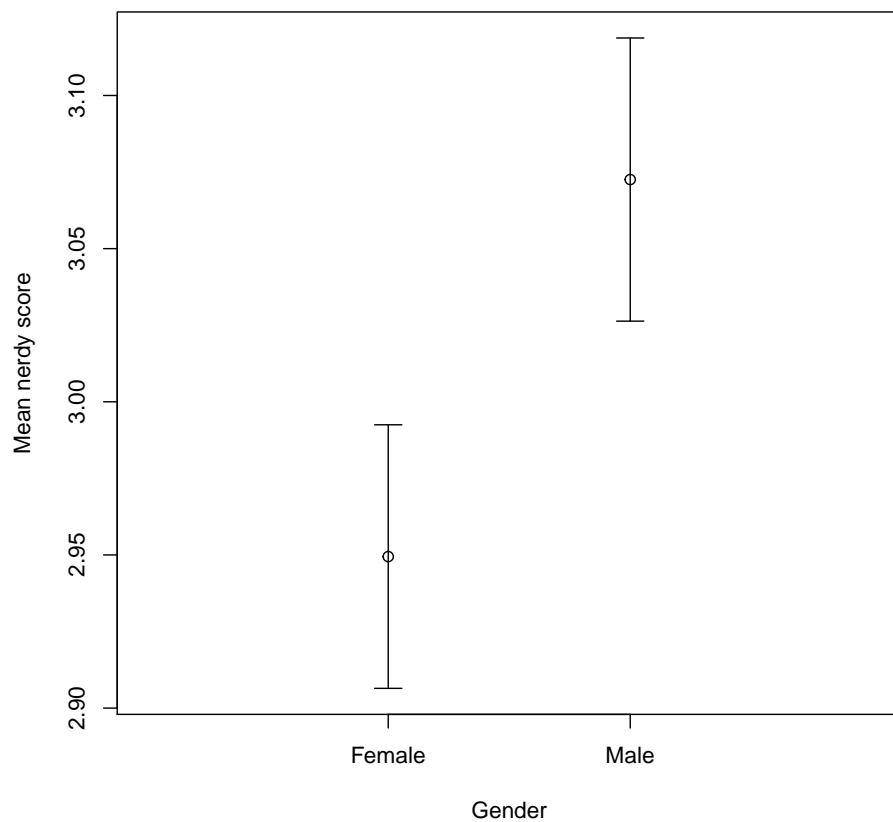


Figure 1: First plot with standard error bars

2. Now reproduce Figure 2. The graph should have:

- for Males: **blue** solid circles (representing the mean) and $\pm 1.96 \times \text{SE}$ bars (representing the lower and upper 95% confidence limits).
- for Females: **red** solid circles (representing the mean) and $\pm 1.96 \times \text{SE}$ bars (representing the lower and upper 95% confidence limits).

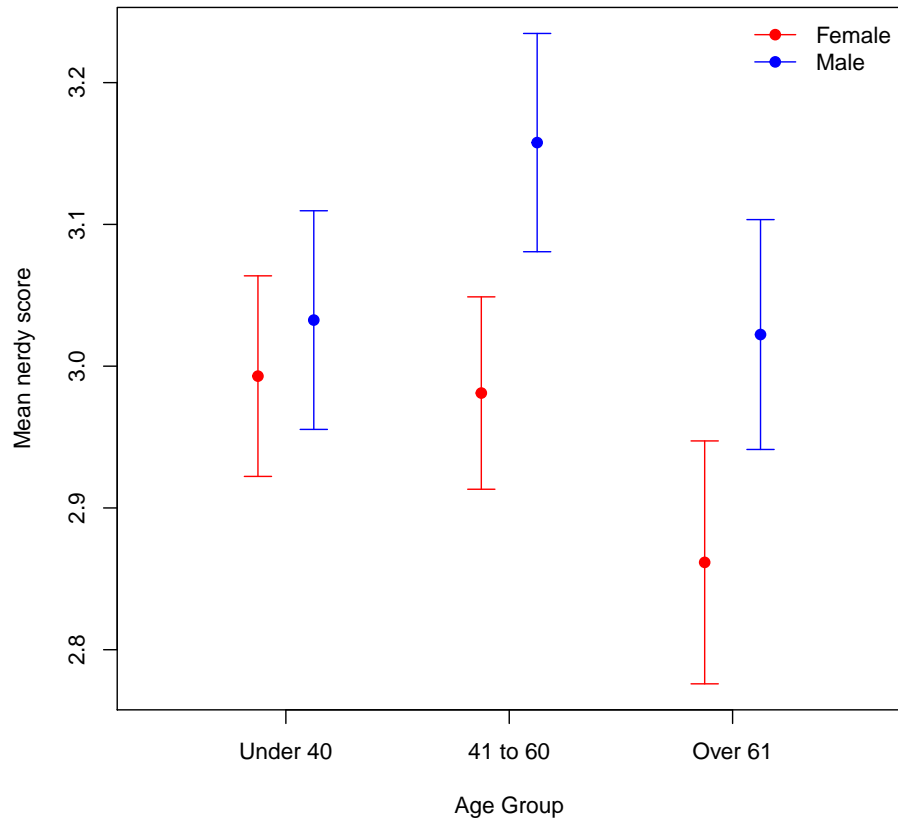


Figure 2: Second plot with standard error bars