Spring 2009

Ninety Percent Confidence Intervals for Proportion of Females

\[ \frac{17}{19} \approx 0.895 \text{ actually do contain population proportion of 0.615} \]

Ninety Percent Confidence Intervals for Mean Age of Students

\[ \frac{16}{19} \approx 0.842 \text{ actually do contain the true mean of 25 years} \]
Ninety Percent Confidence Intervals for Mean Hours per Week Spent Exercising

\[ \frac{15}{19} \approx 0.789 \] actually do contain the true mean of 4.58 hours

Eighty Percent Confidence Intervals for Mean Pairs of Shoes/Boots

\[ \frac{14}{19} \approx 0.737 \] actually do contain the true mean of 16.08 pairs