STAT 226, Section A—Quiz 3 (4 pts.)

Stocks are risky. The stemplot below is showing the annual percent returns on some American common stocks from 1906 to 1956.

(stems are tenths of percents)

(i) Give the five number summary for this data set.

(ii) Assume that during the 2007-2009 interval the annual percentages would follow exactly the same pattern as the one above, except they will all decrease by 0.5 percent. What would the IQR of the annual percent returns on these stocks be for the interval between 2007 and 2009?