Median and IQR
Mean and Standard Deviation

Example 1   Income for ten families (in thousands of dollars):

first quartile $Q_1 =$

35

42   median $M =$

50

54   third quartile $Q_3 =$

55

58   interquartile range $IQR =$

64

82

86   mean $\bar{x} =$

95

standard deviation $s =$

Example 2   Income for eleven families (in thousands of dollars):

first quartile $Q_1 =$

35

42   median $M =$

50

54   third quartile $Q_3 =$

55

58   interquartile range $IQR =$

64

82

86   mean $\bar{x} =$

95

1000

standard deviation $s =$