

Statistics – OR 155, Section 1, Homework # 8

Due: Thursday, March 19, 2009

1.56 a (2.2, 11.2, 28.5, 41.2, 69.3), c, d (right skewed, 2 peaks)

1.57 a, c, d

1.62 (5.7, 11.7, 12.75, 13.5, 17.6, outliers: Alaska, Florida, Utah)

1.63

1.64 (0, 0.75, 3.2, 7.8, 19.9 outlier: U.S., although Canada and Australia seem high)

1.72 b (both are outliers, 158.4, 43.7, 110.9, 66.9)

1.58, use \log_{10} (0, 0, 0.784, 1.02, 1.87, right skewed and 2 peaks)

4.81, standard deviation part only

4.84, standard deviation part only (2.83)

1.92 (5.26, 2.51)

1.96 (factor of 6.45)

5.15

5.28a, standard deviation part only (15)

5.29a, standard deviation part only, b

5.22 (0.944)

5.16 (7.5, 0.5, 75, 750, 0.5)

4.61, 4.62 (0.65, 0, 0.65, 0.2, 0.6) 4.63