
A sample of the percentage mole conversion of naphthalene to maleic anhydride follows:

0.1	0.6	2.8	3.0	3.1	3.3	3.6	3.8	3.8	4.0
4.2	4.3	4.7	4.7	4.8	4.8	5.0	5.0	5.1	7.3

Given that $\sum_{i=1}^{20} x_i = 78$ and $\sum_{i=1}^{20} x_i^2 = 351.24$,

a. Calculate the coefficient of variation.

b. Represent the data in a stem-and-leaf diagram and comment on its shape.

c. Construct a Box-plot for the sample determining the outliers (if any!).
