

Question

A continuous random variable X was measured 63 times. The sorted measurements are shown below.

31.85	31.95	32.10	32.24	32.26	32.35	32.78	32.88	32.90
32.93	32.93	33.05	33.09	33.12	33.15	33.16	33.40	33.43
33.52	33.54	33.56	33.66	33.80	33.83	33.90	33.95	33.97
34.02	34.11	34.18	34.22	34.26	34.28	34.29	34.30	34.31
34.31	34.34	34.36	34.37	34.41	34.41	34.43	34.50	34.56
34.57	34.66	34.67	34.72	34.74	34.75	34.77	34.78	34.80
34.86	34.86	34.87	34.88	34.95	34.98	34.98	34.99	35.00

Create a boxplot representing these measurements.

Solution

15.75 33.16

34.26

34.67