

1. Problem

A continuous random variable X was measured 48 times. The sorted measurements are shown below.

| | | | | | | | |
|-------|-------|-------|-------|-------|-------|-------|-------|
| 30.32 | 30.43 | 30.69 | 30.72 | 30.73 | 31.04 | 31.06 | 31.06 |
| 31.24 | 31.27 | 31.40 | 31.48 | 31.51 | 31.60 | 31.72 | 31.73 |
| 31.86 | 32.02 | 32.15 | 32.43 | 32.50 | 32.79 | 32.91 | 33.49 |
| 33.86 | 33.87 | 34.23 | 34.38 | 34.73 | 34.81 | 34.83 | 34.94 |
| 35.11 | 36.42 | 36.66 | 36.71 | 36.93 | 37.21 | 37.64 | 38.00 |
| 38.18 | 38.35 | 38.41 | 39.13 | 40.29 | 41.05 | 42.36 | 45.30 |

Create a boxplot representing these measurements.

2. Problem

A continuous random variable X was measured 25 times. The sorted measurements are shown below.

| | | | | |
|-------|-------|-------|-------|-------|
| 74.09 | 74.98 | 76.87 | 80.11 | 82.15 |
| 83.12 | 83.17 | 83.20 | 83.85 | 84.01 |
| 84.29 | 85.15 | 85.78 | 85.85 | 86.25 |
| 86.50 | 87.34 | 87.61 | 87.76 | 88.22 |
| 88.22 | 88.63 | 88.65 | 88.99 | 89.21 |

Create a boxplot representing these measurements.