## 1. Problem

A continuous random variable X was measured 24 times. The sorted measurements are shown below.

| 36.72 | 38.45 | 38.47 | 38.73 | 38.92 | 39.43 | 39.61 | 39.74 |
|-------|-------|-------|-------|-------|-------|-------|-------|
| 39.85 | 39.86 | 39.88 | 40.22 | 40.24 | 40.36 | 40.40 | 40.55 |
| 40.85 | 40.87 | 40.89 | 41.36 | 42.07 | 42.27 | 42.54 | 42.98 |

Create a boxplot representing these measurements.

## 2. Problem

A continuous random variable X was measured 45 times. The sorted measurements are shown below.

| 20.07 | 20.56 | 21.28 | 22.01 | 22.17 | 22.25 | 22.30 | 22.91 | 22.91 |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 23.20 | 23.99 | 25.55 | 26.05 | 26.26 | 27.11 | 27.20 | 28.18 | 28.20 |
| 28.48 | 28.96 | 29.46 | 29.53 | 29.57 | 30.20 | 30.31 | 31.10 | 31.74 |
| 32.85 | 33.48 | 33.67 | 34.02 | 34.37 | 34.70 | 34.81 | 35.35 | 35.49 |
| 36.29 | 37.72 | 38.14 | 38.40 | 38.62 | 44.49 | 46.74 | 47.84 | 50.62 |

Create a boxplot representing these measurements.