

**1. Problem**

A continuous random variable  $X$  was measured 30 times. The sorted measurements are shown below.

51.28	52.01	52.65	53.10	53.12	53.26
53.28	53.42	53.60	53.73	53.79	53.96
53.97	53.97	54.03	54.14	54.19	54.23
54.31	54.45	54.48	54.52	54.72	54.72
54.73	54.86	54.91	54.93	54.97	54.98

Create a boxplot representing these measurements.

**2. Problem**

A continuous random variable  $X$  was measured 54 times. The sorted measurements are shown below.

11.32	11.83	11.85	11.87	11.88	11.91	12.03	12.04	12.04
12.08	12.15	12.16	12.23	12.24	12.25	12.27	12.32	12.34
12.35	12.36	12.41	12.42	12.43	12.46	12.48	12.48	12.49
12.52	12.56	12.57	12.57	12.59	12.60	12.61	12.63	12.67
12.70	12.70	12.72	12.75	12.75	12.82	12.83	12.84	12.89
12.90	12.93	12.94	12.99	13.00	13.01	13.08	13.10	13.26

Create a boxplot representing these measurements.