

1. Problem

A continuous random variable X was measured 49 times. The sorted measurements are shown below.

60.34	60.42	60.74	60.75	61.27	61.43	61.46
61.65	61.69	61.81	61.81	61.94	61.96	62.07
62.11	62.12	62.16	62.19	62.30	62.36	62.38
62.40	62.45	62.47	62.48	62.54	62.59	62.62
62.64	62.65	62.65	62.66	62.67	62.68	62.68
62.70	62.79	62.85	62.86	62.88	62.89	62.90
62.90	62.92	62.92	62.93	62.96	62.98	63.00

Create a boxplot representing these measurements.

2. Problem

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

10.51	10.60	10.60	10.66	10.76	11.01	11.25	11.30	11.37
11.52	11.82	12.06	12.08	12.38	12.54	12.73	12.80	12.88
12.99	13.01	13.21	13.58	13.91	14.14	14.70	14.76	14.99
15.25	15.57	15.67	15.71	15.83	15.96	16.04	16.42	16.80
16.89	17.30	17.82	18.03	19.45	19.79	20.20	21.15	24.33

Create a boxplot representing these measurements.

1. Problem

A continuous random variable X was measured 28 times. The sorted measurements are shown below.

50.50	51.96	52.92	53.48	56.86	59.91	60.70
61.89	63.32	64.20	65.68	65.77	65.93	70.77
70.82	72.46	72.63	72.70	72.84	73.21	75.01
81.91	92.81	97.90	99.51	101.91	114.35	114.75

Create a boxplot representing these measurements.

2. Problem

A continuous random variable X was measured 42 times. The sorted measurements are shown below.

24.61	45.46	51.83	54.48	61.47	65.84	68.69
71.85	73.75	76.49	76.78	78.50	79.84	81.85
84.64	84.98	85.05	86.81	89.85	90.48	90.84
91.38	91.47	92.00	94.63	94.68	95.32	95.79
96.16	96.74	97.51	99.06	99.53	100.50	104.11
105.75	106.44	106.88	107.02	108.15	109.10	109.76

Create a boxplot representing these measurements.

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.

1. Problem

A continuous random variable X was measured 32 times. The sorted measurements are shown below.

51.49	51.60	51.98	51.98	52.08	52.13	52.20	52.31
52.35	52.37	52.38	52.38	52.42	52.43	52.45	52.46
52.47	52.53	52.59	52.61	52.61	52.61	52.62	52.67
52.72	52.77	52.85	52.86	52.92	53.09	53.12	53.61

Create a boxplot representing these measurements.

2. Problem

A continuous random variable X was measured 15 times. The sorted measurements are shown below.

44.15	46.89	47.10	49.19	49.20
49.29	49.66	50.02	50.04	51.01
51.36	53.06	53.38	54.34	54.65

Create a boxplot representing these measurements.

1. Problem

A continuous random variable X was measured 28 times. The sorted measurements are shown below.

50.15	50.59	51.13	51.86	52.55	52.82	53.80
54.02	54.24	54.32	56.07	56.38	56.43	57.25
58.54	58.82	58.92	59.26	60.27	60.74	63.46
63.48	63.72	68.74	71.88	73.20	78.69	83.04

Create a boxplot representing these measurements.

2. Problem

A continuous random variable X was measured 56 times. The sorted measurements are shown below.

63.56	64.37	65.06	65.28	65.82	65.84	66.18	66.37
66.55	66.75	67.26	67.86	68.32	68.66	68.91	68.94
69.11	69.20	69.26	69.28	69.32	69.36	69.46	69.48
69.57	69.70	69.91	70.24	70.26	70.64	70.70	70.81
70.82	70.84	71.14	71.38	71.43	71.63	71.71	71.78
71.88	72.05	72.07	73.19	73.39	73.44	73.50	74.24
74.56	75.02	75.18	75.56	75.91	76.14	77.14	77.54

Create a boxplot representing these measurements.

1. Problem

A continuous random variable X was measured 15 times. The sorted measurements are shown below.

40.61	42.75	43.99	44.07	44.23
44.28	45.21	45.25	45.85	45.86
46.42	48.16	49.84	51.62	55.44

Create a boxplot representing these measurements.

2. Problem

A continuous random variable X was measured 35 times. The sorted measurements are shown below.

16.03	27.55	31.91	33.27	33.94	35.06	36.90
37.72	37.73	37.78	38.53	40.12	40.50	40.80
40.88	41.35	43.53	43.93	44.13	44.32	44.40
44.45	44.71	44.78	45.51	45.53	45.87	46.57
46.78	47.32	47.50	47.58	47.90	48.94	49.26

Create a boxplot representing these measurements.

1. Problem

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

60.09	60.14	60.16	60.17	60.76
60.84	60.86	61.31	61.44	61.57
61.61	61.63	61.68	62.11	62.11
62.32	62.48	62.79	62.82	63.07
63.42	63.58	63.86	66.27	66.36

Create a boxplot representing these measurements.

2. Problem

A continuous random variable X was measured 40 times. The sorted measurements are shown below.

40.00	40.08	40.18	40.18	40.19	40.21	40.25	40.26
40.32	40.32	40.40	40.42	40.43	40.49	40.52	40.60
40.60	40.63	40.85	40.91	41.03	41.16	41.19	41.25
41.29	41.37	41.42	41.42	41.44	41.65	41.74	41.82
41.89	41.97	42.07	42.09	43.31	43.35	43.87	43.90

Create a boxplot representing these measurements.

1. Problem

A continuous random variable X was measured 15 times. The sorted measurements are shown below.

73.98	74.70	76.05	76.40	77.52
77.86	77.98	77.99	78.12	78.33
78.40	79.05	79.37	79.67	79.72

Create a boxplot representing these measurements.

2. Problem

A continuous random variable X was measured 32 times. The sorted measurements are shown below.

50.24	50.52	50.60	50.77	50.80	50.96	51.08	51.24
51.52	51.71	51.74	51.75	51.86	51.92	52.27	52.49
52.56	52.91	53.12	53.24	53.40	53.41	53.55	53.77
53.90	53.93	54.29	54.33	54.74	54.90	55.76	57.69

Create a boxplot representing these measurements.

1. Problem

A continuous random variable X was measured 32 times. The sorted measurements are shown below.

41.12	41.68	41.85	42.02	42.13	42.17	42.24	42.37
42.37	42.42	42.43	42.48	42.50	42.54	42.57	42.59
42.60	42.63	42.63	42.63	42.66	42.66	42.67	42.68
42.72	42.80	42.83	42.86	42.91	42.93	42.94	42.98

Create a boxplot representing these measurements.

2. Problem

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

61.90	62.75	70.67	71.08	72.14	72.31	72.75	73.85	74.96
75.52	75.56	75.59	75.69	76.93	76.97	77.60	78.13	78.37
78.76	79.18	79.29	79.49	79.72	80.26	80.84	81.32	81.63
82.11	82.27	82.39	82.59	82.64	82.75	83.14	83.33	83.57
83.76	83.77	83.96	84.17	84.21	84.25	84.55	84.62	84.80
84.82	85.00	85.30	85.86	85.97	86.19	86.22	86.48	86.84
87.42	87.74	88.17	88.17	88.40	88.62	88.93	88.96	89.88

Create a boxplot representing these measurements.

1. Problem

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

60.02	60.24	60.77	61.08	61.12	61.43	61.64	61.73	61.82
62.14	62.19	62.29	62.37	62.41	62.45	62.61	62.78	62.85
62.86	63.10	63.17	63.18	63.23	63.67	63.68	63.87	63.88
63.90	64.32	64.54	64.73	65.49	65.71	65.96	66.04	66.06
66.13	66.36	66.52	66.89	66.98	67.53	67.68	68.38	68.51
69.47	69.89	70.29	70.36	71.53	71.80	73.48	76.09	76.58

Create a boxplot representing these measurements.

2. Problem

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

19.63	45.84	50.60	51.87	54.71	56.85	64.49	66.58
67.98	69.55	71.76	71.96	72.90	76.35	76.91	77.08
78.77	83.06	83.53	84.76	85.96	86.80	89.19	90.31
90.58	91.65	93.42	94.10	94.19	95.15	96.61	97.63
97.79	100.26	100.47	101.10	102.14	102.46	103.80	104.76
105.53	106.14	106.82	106.85	106.86	107.60	108.64	108.74

Create a boxplot representing these measurements.

1. Problem

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

30.65	30.91	31.04	31.16	31.73	32.03	32.06	32.26	32.44
32.62	32.75	32.84	32.88	32.88	32.90	32.97	33.01	33.02
33.24	33.24	33.28	33.32	33.33	33.34	33.36	33.48	33.50
33.53	33.61	33.62	33.67	33.74	33.88	33.90	33.93	34.02
34.03	34.09	34.09	34.12	34.21	34.21	34.24	34.24	34.25
34.31	34.35	34.43	34.45	34.46	34.46	34.48	34.50	34.52
34.58	34.59	34.64	34.65	34.67	34.75	34.86	34.96	34.98

Create a boxplot representing these measurements.

2. Problem

A continuous random variable X was measured 72 times. The sorted measurements are shown below.

40.64	40.96	41.26	41.68	41.89	42.33	42.41	42.46	42.49
42.60	42.86	42.96	43.00	43.01	43.07	43.11	43.12	43.15
43.39	43.45	43.49	43.50	43.52	43.52	43.54	43.63	43.64
43.64	43.76	43.81	43.82	43.84	43.89	43.93	44.05	44.05
44.08	44.11	44.11	44.12	44.16	44.18	44.31	44.33	44.35
44.38	44.40	44.43	44.51	44.52	44.55	44.57	44.58	44.59
44.61	44.66	44.66	44.67	44.74	44.76	44.77	44.78	44.80
44.80	44.80	44.81	44.82	44.85	44.91	44.95	44.96	44.96

Create a boxplot representing these measurements.

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.

1. Problem

A continuous random variable X was measured 36 times. The sorted measurements are shown below.

103.31	104.50	105.15	105.40	107.13	107.99	108.91	110.94	112.43
113.30	114.26	115.34	116.53	116.74	116.86	116.93	117.22	117.77
118.08	118.75	118.95	119.12	120.45	120.95	121.67	122.80	123.88
123.95	125.74	126.77	127.83	128.69	131.64	131.94	134.74	152.26

Create a boxplot representing these measurements.

2. Problem

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

73.17	75.94	75.94	75.96	76.34	76.61
76.83	76.86	77.53	77.73	77.89	78.00
78.34	78.62	78.70	78.71	78.97	78.98
79.12	79.48	79.49	79.51	79.67	79.89

Create a boxplot representing these measurements.

1. Problem

A continuous random variable X was measured 18 times. The sorted measurements are shown below.

61.24	61.26	61.32	61.38	61.40	61.43
61.48	61.48	61.54	61.56	61.56	61.59
61.61	61.65	61.71	61.96	61.98	62.04

Create a boxplot representing these measurements.

2. Problem

A continuous random variable X was measured 21 times. The sorted measurements are shown below.

47.51	47.59	48.22	49.77	52.34	54.65	55.24
55.26	55.27	55.82	56.93	57.38	57.48	57.51
58.34	58.48	58.66	58.79	58.94	58.94	59.47

Create a boxplot representing these measurements.

1. Problem

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

25.73	33.48	36.94	38.16	39.38	39.57	41.21	43.15	43.37
44.01	44.13	44.60	44.61	45.69	45.89	45.91	45.96	47.27
47.29	47.50	48.15	48.29	48.67	49.04	49.06	49.22	49.53
51.14	51.84	52.37	52.39	52.77	53.05	53.29	53.88	54.45
54.88	55.12	55.44	55.68	55.82	56.65	56.75	56.91	57.23
57.35	58.06	58.15	58.39	58.49	59.06	59.22	59.45	59.75

Create a boxplot representing these measurements.

2. Problem

A continuous random variable X was measured 21 times. The sorted measurements are shown below.

48.53	61.09	65.18	65.42	65.42	66.54	67.20
67.63	67.69	67.71	67.84	68.26	69.72	73.31
73.45	73.88	76.09	76.72	76.96	77.12	79.93

Create a boxplot representing these measurements.

1. Problem

A continuous random variable X was measured 12 times. The sorted measurements are shown below.

73.41	77.39	83.15	87.16
90.32	92.09	93.44	96.68
102.85	104.34	115.99	155.61

Create a boxplot representing these measurements.

2. Problem

A continuous random variable X was measured 72 times. The sorted measurements are shown below.

20.57	21.82	22.18	22.90	23.29	23.41	23.62	24.32	25.08
25.18	27.05	27.11	27.62	27.81	28.00	28.18	28.73	29.19
30.11	30.56	30.58	30.81	31.36	31.57	31.61	32.16	32.84
33.17	33.33	34.45	34.74	35.35	35.46	35.96	36.28	36.46
36.55	36.98	38.18	38.28	39.10	39.85	40.14	42.86	44.02
45.20	45.71	47.87	48.26	48.72	48.98	50.15	50.85	53.68
56.46	56.86	57.97	58.50	58.83	60.45	60.62	62.06	65.80
66.32	66.49	69.22	70.55	72.42	73.80	79.85	80.15	96.30

Create a boxplot representing these measurements.

1. Problem

A continuous random variable X was measured 72 times. The sorted measurements are shown below.

52.08	52.30	60.41	62.30	64.43	73.76	73.92	74.36	77.76
79.11	80.79	85.48	87.73	88.23	89.52	90.66	92.23	92.55
96.42	96.46	97.19	97.87	98.44	98.93	99.61	99.71	100.50
101.28	101.75	102.64	102.83	103.21	104.36	106.79	107.42	107.62
107.91	108.36	109.10	111.18	111.65	111.68	113.24	113.96	114.59
115.28	116.36	117.04	117.46	117.47	117.80	119.52	120.43	120.44
120.68	122.86	123.11	123.46	123.52	124.76	125.41	125.70	125.97
126.20	126.40	126.62	126.70	128.04	128.13	129.10	129.87	129.92

Create a boxplot representing these measurements.

2. Problem

A continuous random variable X was measured 56 times. The sorted measurements are shown below.

10.51	10.56	10.75	10.82	10.96	11.14	11.25	11.35
11.52	11.60	11.82	11.82	11.83	11.94	11.97	12.01
12.01	12.02	12.03	12.04	12.10	12.10	12.14	12.21
12.30	12.32	12.33	12.41	12.45	12.45	12.55	12.58
12.58	12.61	12.62	12.62	12.62	12.64	12.66	12.66
12.68	12.74	12.78	12.80	12.80	12.81	12.82	12.84
12.88	12.90	12.91	12.92	12.93	12.94	12.96	12.99

Create a boxplot representing these measurements.

1. Problem

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

52.99	53.60	53.60	53.65	53.72	53.83	53.95	53.97	54.00
54.09	54.25	54.32	54.40	54.41	54.41	54.46	54.51	54.54
54.63	54.71	54.74	54.75	54.75	54.78	54.79	54.80	54.81
54.84	54.90	54.98	55.01	55.02	55.05	55.12	55.15	55.17
55.19	55.22	55.24	55.25	55.28	55.30	55.33	55.40	55.47
55.55	55.56	55.59	55.76	56.03	56.21	56.24	56.29	56.48

Create a boxplot representing these measurements.

2. Problem

A continuous random variable X was measured 27 times. The sorted measurements are shown below.

50.92	51.04	51.13	51.21	51.30	51.34	51.36	51.42	51.43
51.46	51.47	51.51	51.51	51.51	51.51	51.54	51.54	51.55
51.57	51.62	51.64	51.67	51.73	51.74	51.81	51.89	52.02

Create a boxplot representing these measurements.

1. Problem

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

51.19	51.22	51.34	51.38	51.40	51.45	51.45	51.46
51.50	51.54	51.55	51.57	51.58	51.63	51.63	51.67
51.69	51.71	51.77	51.80	51.83	51.84	51.84	52.30

Create a boxplot representing these measurements.

2. Problem

A continuous random variable X was measured 28 times. The sorted measurements are shown below.

50.45	50.66	50.96	51.06	51.10	53.00	53.31
55.50	55.71	55.73	55.91	56.02	56.39	56.66
57.32	57.86	58.30	60.25	60.88	62.08	62.35
62.83	64.22	67.91	68.35	70.42	76.64	77.13

Create a boxplot representing these measurements.

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.

1. Problem

A continuous random variable X was measured 20 times. The sorted measurements are shown below.

53.58	54.22	54.48	54.48	54.53
54.60	54.69	54.86	54.92	54.92
54.96	55.09	55.12	55.18	55.45
55.50	55.55	55.87	56.28	56.91

Create a boxplot representing these measurements.

2. Problem

A continuous random variable X was measured 27 times. The sorted measurements are shown below.

10.02	10.04	10.13	10.15	10.17	10.20	10.21	10.22	10.23
10.25	10.37	10.50	10.56	10.56	10.57	10.58	10.61	10.75
10.85	10.88	10.89	11.01	11.07	11.31	11.62	11.72	12.16

Create a boxplot representing these measurements.

1. Problem

A continuous random variable X was measured 56 times. The sorted measurements are shown below.

30.85	31.76	31.95	31.96	32.02	32.14	32.67	32.84
33.00	33.05	33.09	33.15	33.15	33.23	33.24	33.30
33.33	33.42	33.48	33.51	33.68	33.73	33.94	33.98
34.00	34.02	34.08	34.14	34.16	34.16	34.21	34.26
34.31	34.35	34.43	34.43	34.58	34.63	34.64	34.65
34.70	34.70	34.76	34.76	34.77	34.79	34.80	34.82
34.84	34.85	34.86	34.87	34.88	34.91	34.91	35.00

Create a boxplot representing these measurements.

2. Problem

A continuous random variable X was measured 56 times. The sorted measurements are shown below.

22.19	23.41	25.31	25.36	25.91	25.96	26.64	26.93
27.03	27.08	27.26	27.84	27.98	28.05	28.23	28.35
28.40	28.80	28.83	28.93	29.13	29.18	29.56	29.56
29.91	29.93	30.03	30.11	30.48	30.50	30.58	30.76
30.78	30.86	30.88	30.94	31.01	31.47	31.49	31.68
31.68	31.76	31.78	32.00	32.50	32.56	33.07	33.29
33.72	33.88	34.18	34.41	35.28	35.59	36.59	36.87

Create a boxplot representing these measurements.