

1. Problem

Please make a frequency table and a dot plot from the following (unsorted) data.

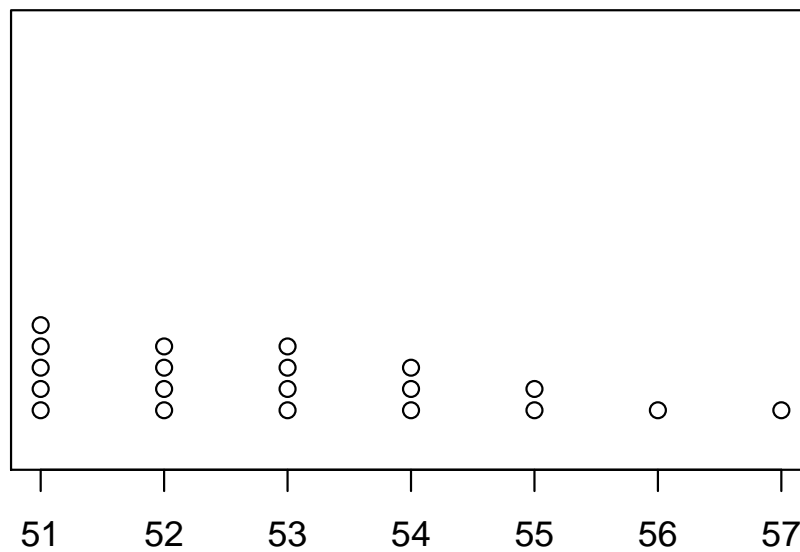
54	52	53	52	51
51	51	54	55	53
53	56	54	51	57
52	51	52	53	55

Solution

Make a frequency table.

value	frequency
51	5
52	4
53	4
54	3
55	2
56	1
57	1

Make the dot plot.



2. Problem

Please make a frequency table and a frequency histogram from the following (unsorted) continuous data by rounding to the nearest integer.

57.6138	55.5144	55.4681	58.5047	57.1837	57.7560
62.0089	55.9212	57.8310	59.7861	56.2922	58.2365
55.4508	57.0137	61.9707	58.0074	55.4363	55.5419
60.2573	58.0601	57.6268	61.5408	57.3521	55.4748

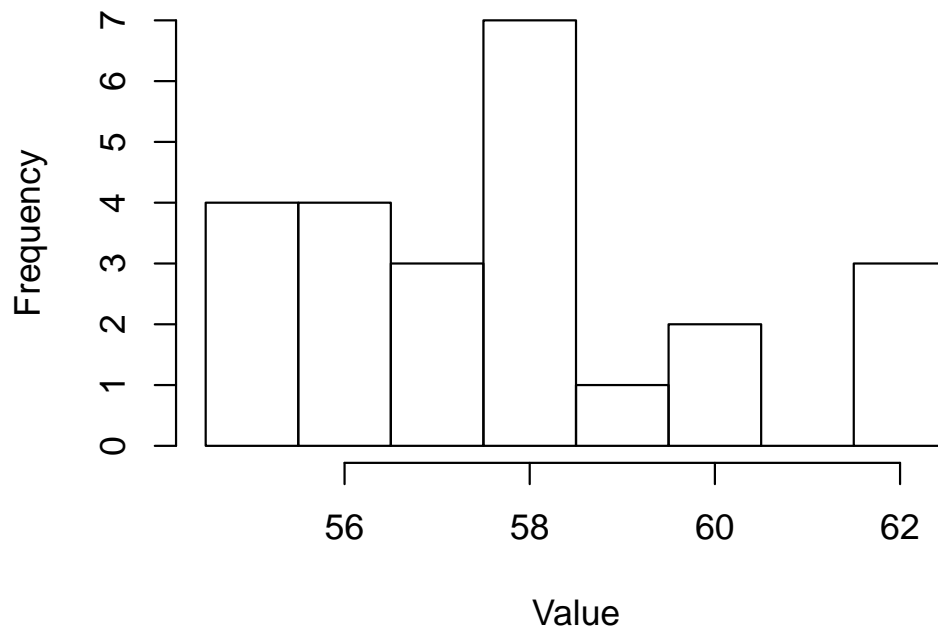
Solution

Make a frequency table.

bin	frequency
55	4
56	4
57	3
58	7
59	1
60	2
61	0
62	3

Make the histogram.

Histogram



1. Problem

Please make a frequency table and a dot plot from the following (unsorted) data.

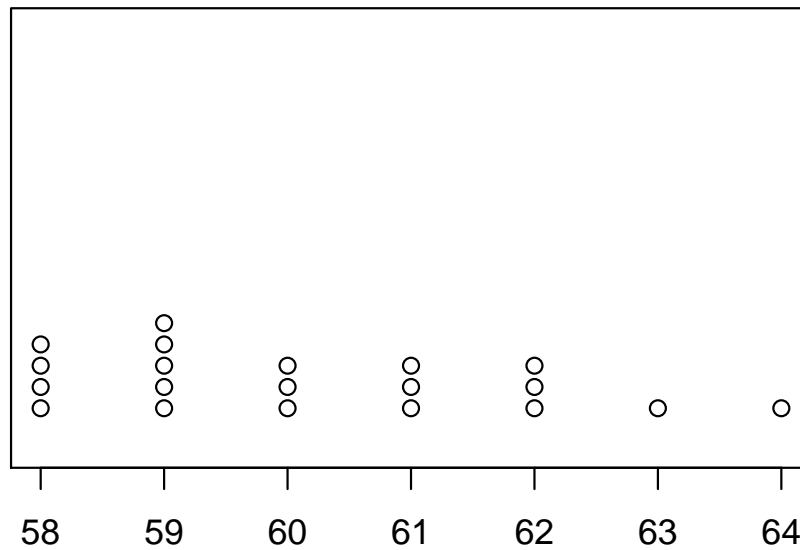
58	59	61	58	62
60	59	60	61	63
60	58	59	59	58
64	62	61	62	59

Solution

Make a frequency table.

value	frequency
58	4
59	5
60	3
61	3
62	3
63	1
64	1

Make the dot plot.



2. Problem

Please make a frequency table and a frequency histogram from the following (unsorted) continuous data by rounding to the nearest integer.

56.7302	59.5242	61.4575	55.4735	58.5997
60.6848	57.4329	58.9764	56.8998	59.4891
57.5606	56.1846	60.8151	59.6247	55.7955
56.2016	55.5949	59.4611	57.1873	61.6819

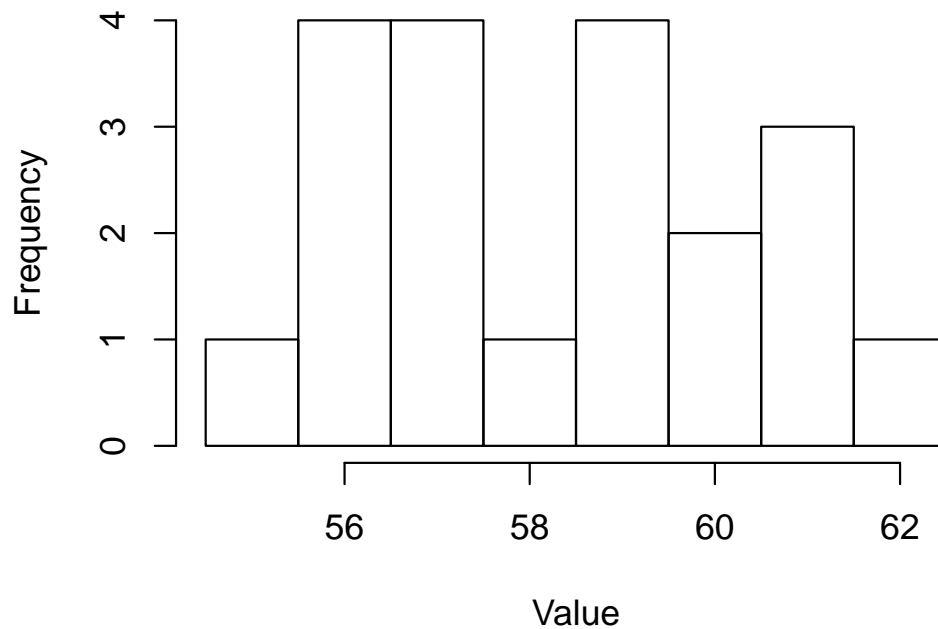
Solution

Make a frequency table.

bin	frequency
55	1
56	4
57	4
58	1
59	4
60	2
61	3
62	1

Make the histogram.

Histogram



1. Problem

Please make a frequency table and a dot plot from the following (unsorted) data.

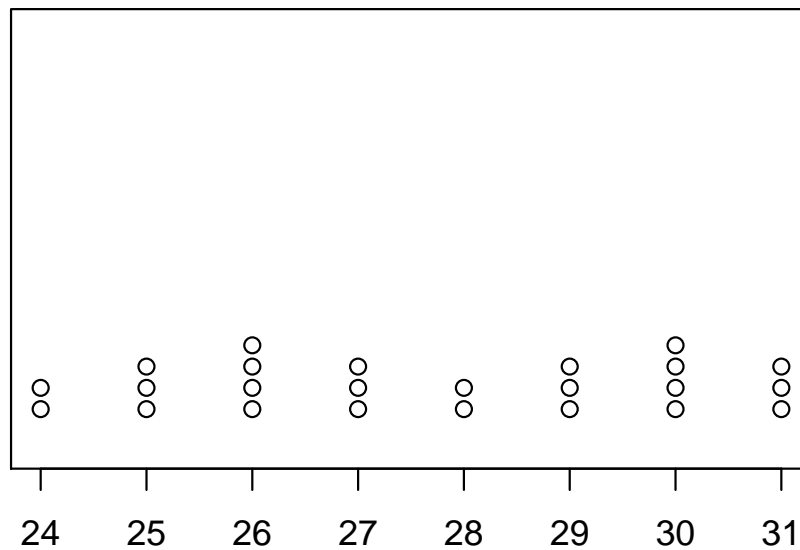
28	26	27	27	25	24
26	31	31	28	29	30
31	29	26	30	30	26
25	27	25	29	30	24

Solution

Make a frequency table.

value	frequency
24	2
25	3
26	4
27	3
28	2
29	3
30	4
31	3

Make the dot plot.



2. Problem

Please make a frequency table and a frequency histogram from the following (unsorted) continuous data by rounding to the nearest integer.

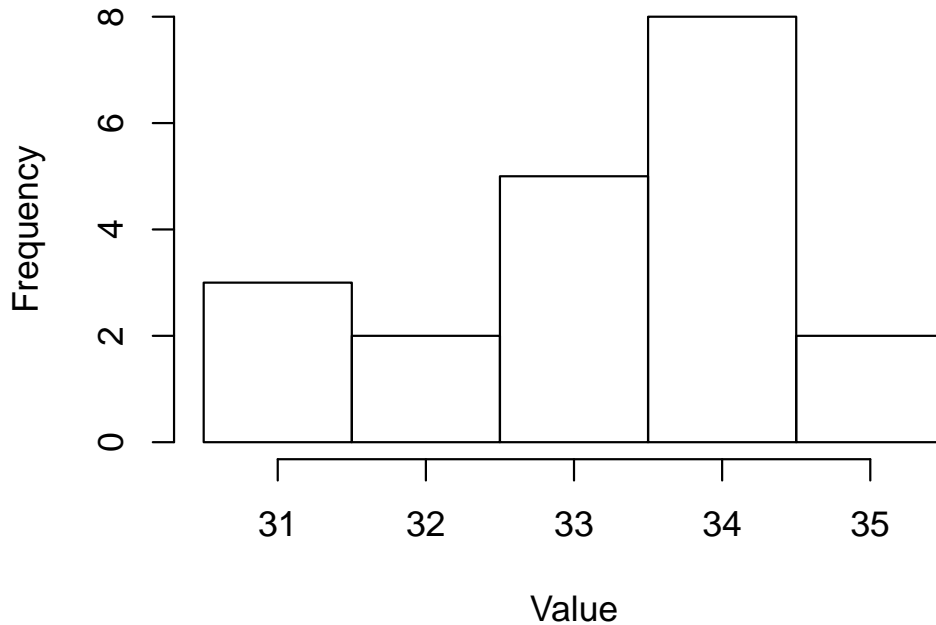
33.8010	33.5558	34.6851	33.1544	33.2931
34.6623	33.4075	32.3785	33.4458	32.0058
33.0776	33.8308	33.6973	30.9115	33.8427
31.4485	34.0751	30.7990	34.3225	34.3802

Solution

Make a frequency table.

bin	frequency
31	3
32	2
33	5
34	8
35	2

Make the histogram.

Histogram

1. Problem

Please make a frequency table and a dot plot from the following (unsorted) data.

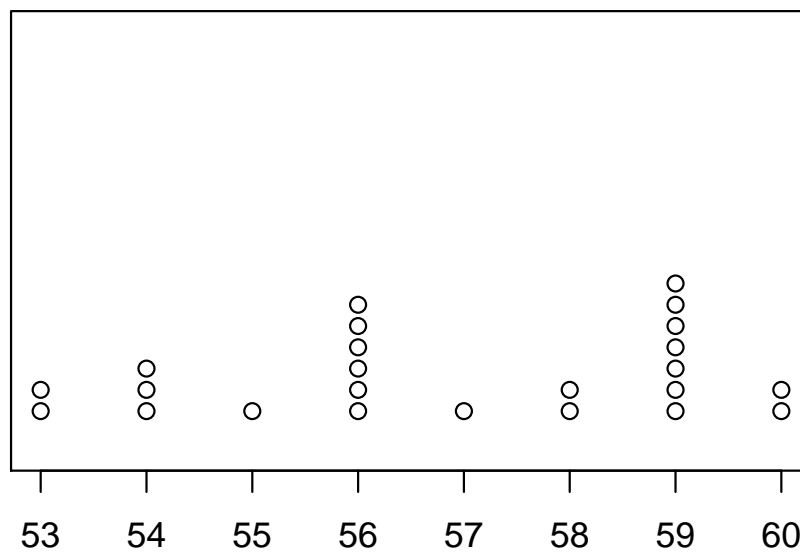
56	53	60	59	56	55
56	59	54	59	54	59
56	53	59	57	56	56
59	60	59	58	54	58

Solution

Make a frequency table.

value	frequency
53	2
54	3
55	1
56	6
57	1
58	2
59	7
60	2

Make the dot plot.



2. Problem

Please make a frequency table and a frequency histogram from the following (unsorted) continuous data by rounding to the nearest integer.

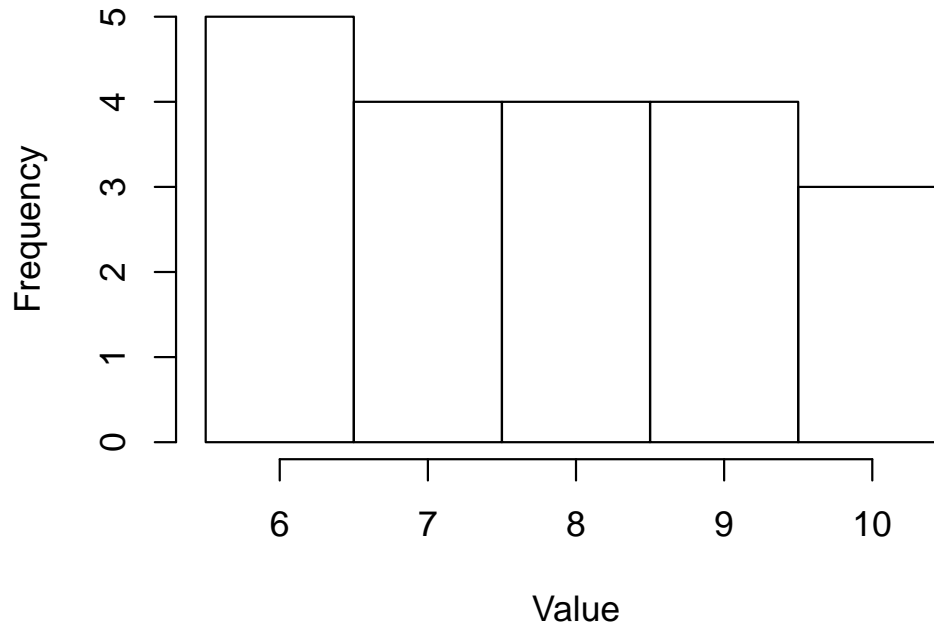
6.5961	8.8541	6.1861	9.2550	5.8993
8.6665	8.7029	9.8434	5.9504	7.5775
7.8725	7.6860	8.0319	9.9993	10.1439
6.4151	7.2251	7.1967	6.8365	6.3952

Solution

Make a frequency table.

bin	frequency
6	5
7	4
8	4
9	4
10	3

Make the histogram.

Histogram

1. Problem

Please make a frequency table and a dot plot from the following (unsorted) data.

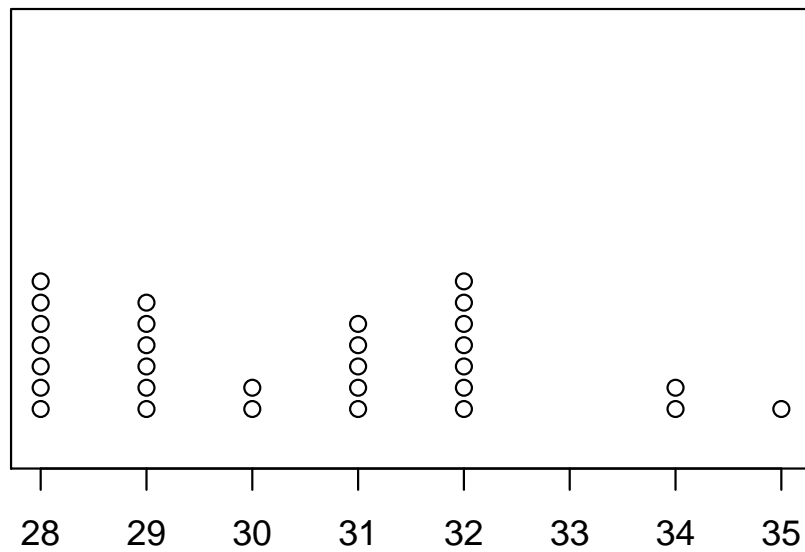
32	32	28	29	28	35
29	29	28	28	31	31
28	34	31	32	28	32
31	31	29	28	32	32
32	29	34	30	30	29

Solution

Make a frequency table.

value	frequency
28	7
29	6
30	2
31	5
32	7
33	0
34	2
35	1

Make the dot plot.



2. Problem

Please make a frequency table and a frequency histogram from the following (unsorted) continuous data by rounding to the nearest integer.

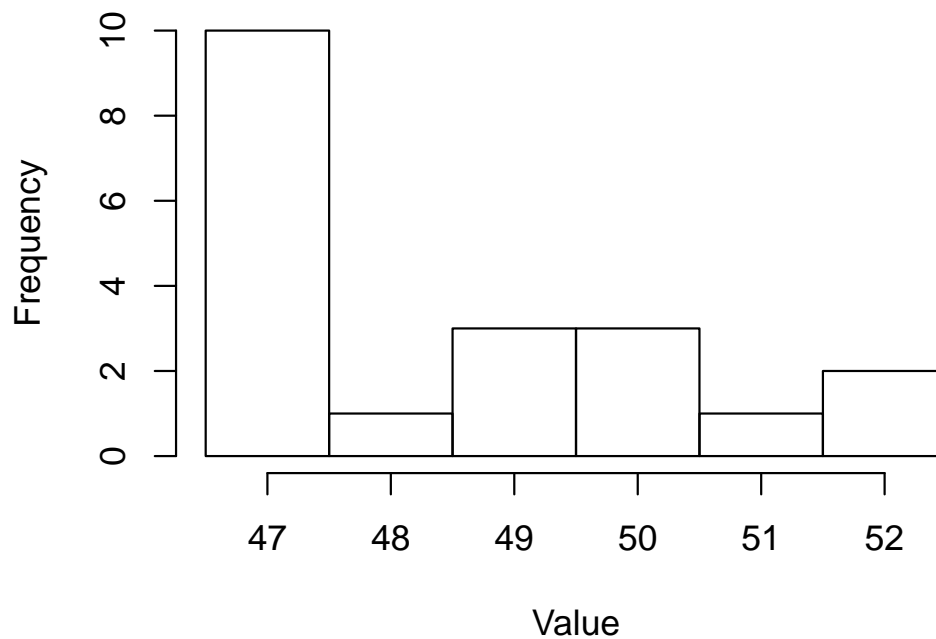
49.9996	47.3427	49.0334	47.1679	49.2916
50.4571	48.3202	49.8933	51.1584	46.5389
51.8808	46.8411	46.5488	46.6645	47.4886
46.5125	52.3751	46.5199	49.1032	47.0137

Solution

Make a frequency table.

bin	frequency
47	10
48	1
49	3
50	3
51	1
52	2

Make the histogram.

Histogram

1. Problem

Please make a frequency table and a dot plot from the following (unsorted) data.

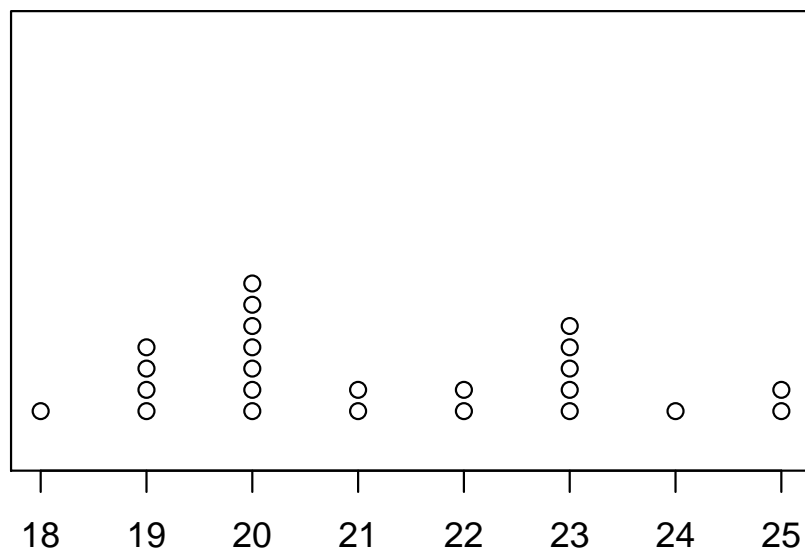
20	22	20	23	23	21
20	22	25	20	23	25
23	20	18	20	21	20
24	19	19	19	23	19

Solution

Make a frequency table.

value	frequency
18	1
19	4
20	7
21	2
22	2
23	5
24	1
25	2

Make the dot plot.



2. Problem

Please make a frequency table and a frequency histogram from the following (unsorted) continuous data by rounding to the nearest integer.

55.7572	54.3005	52.1581	52.9451	54.7485	54.9443
55.7869	53.3106	55.3583	53.4835	54.8492	55.5576
55.8504	55.2436	54.2655	55.8007	51.2792	53.4744
50.5600	54.8184	53.2148	55.2244	53.7774	53.3831
53.7122	52.4341	52.2545	53.0938	55.6967	55.8531

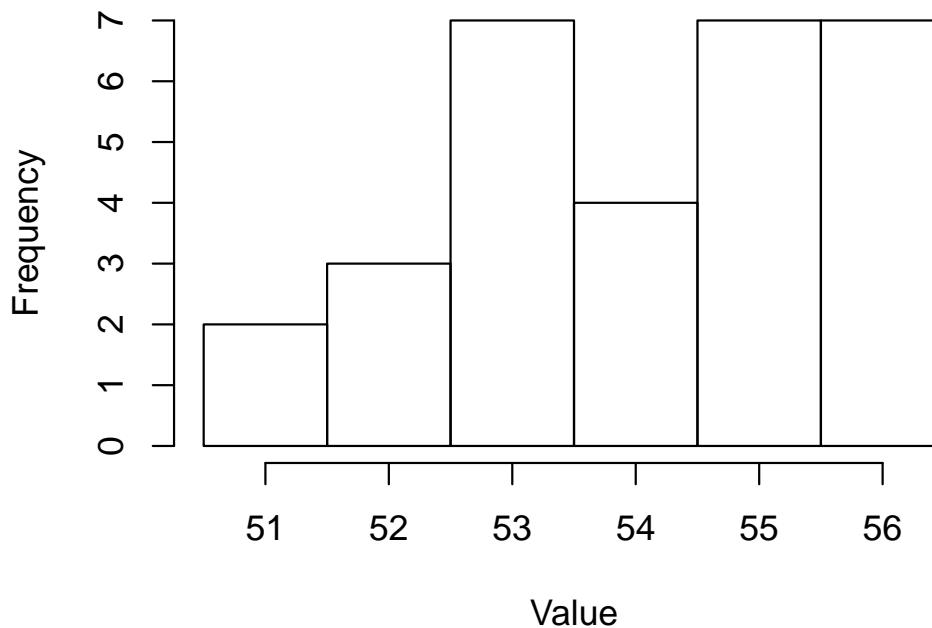
Solution

Make a frequency table.

bin	frequency
51	2
52	3
53	7
54	4
55	7
56	7

Make the histogram.

Histogram



1. Problem

Please make a frequency table and a dot plot from the following (unsorted) data.

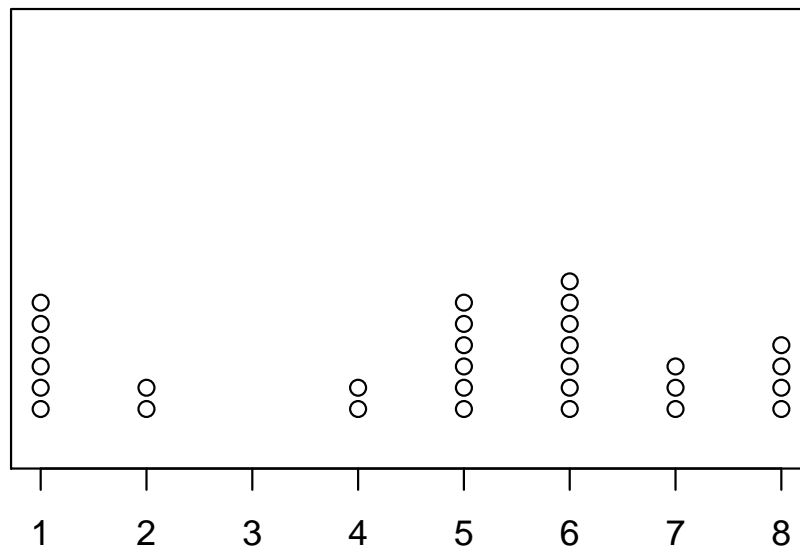
7	4	2	5	6	6
8	1	6	1	6	6
7	5	8	1	2	5
6	5	1	6	8	5
7	1	5	1	4	8

Solution

Make a frequency table.

value	frequency
1	6
2	2
3	0
4	2
5	6
6	7
7	3
8	4

Make the dot plot.



2. Problem

Please make a frequency table and a frequency histogram from the following (unsorted) continuous data by rounding to the nearest integer.

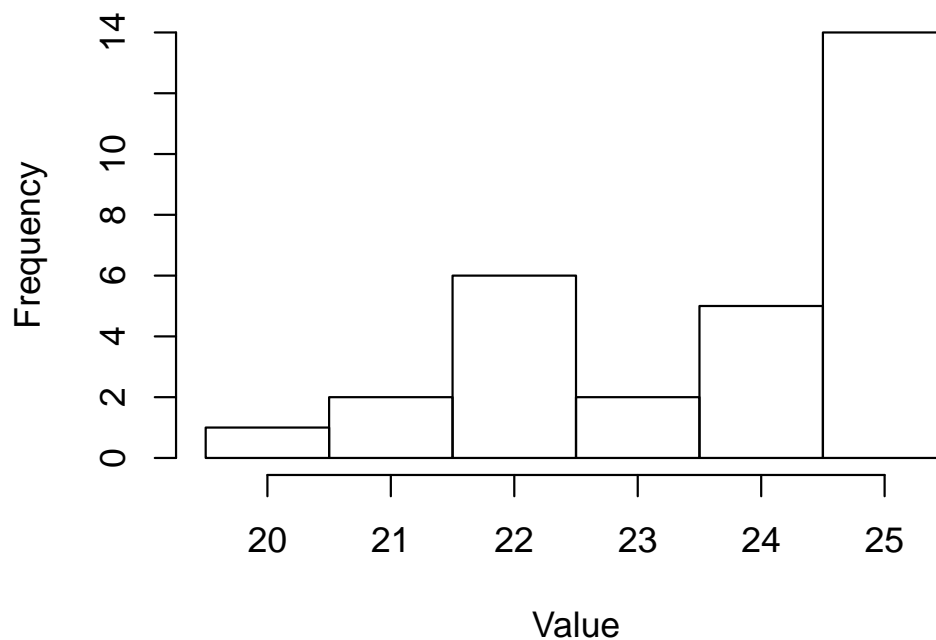
24.7322	21.1155	24.4662	25.1782	22.6289	24.9439
25.0522	24.2169	25.2046	24.1302	23.5301	22.6856
21.9137	20.4861	22.1013	25.2068	24.4657	21.6521
25.0200	24.8701	21.7708	25.2316	25.2274	24.9136
22.2562	21.9378	24.8741	20.8977	24.7124	24.9685

Solution

Make a frequency table.

bin	frequency
20	1
21	2
22	6
23	2
24	5
25	14

Make the histogram.

Histogram

1. Problem

Please make a frequency table and a dot plot from the following (unsorted) data.

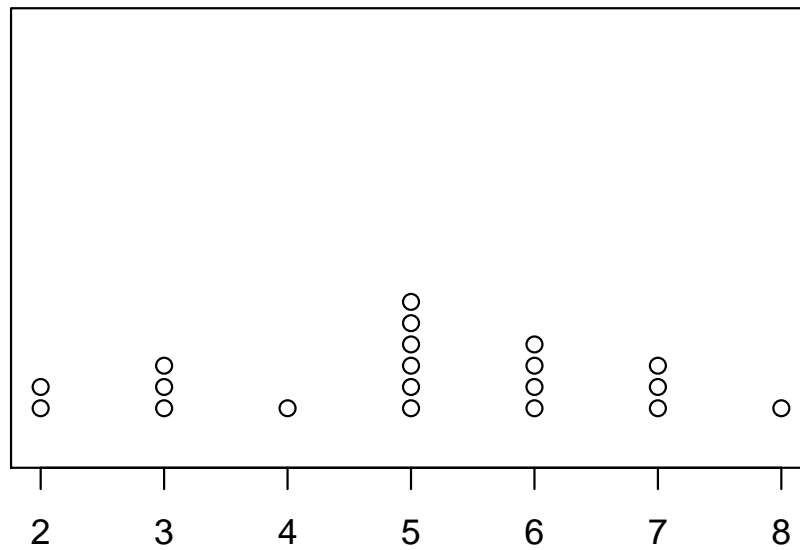
3	6	3	5	7
5	2	6	3	5
5	6	5	6	8
4	2	5	7	7

Solution

Make a frequency table.

value	frequency
2	2
3	3
4	1
5	6
6	4
7	3
8	1

Make the dot plot.



2. Problem

Please make a frequency table and a frequency histogram from the following (unsorted) continuous data by rounding to the nearest integer.

33.8673	37.7190	34.0092	37.3013	38.1713
35.9629	38.7970	36.3741	34.3592	38.0761
33.7684	38.8361	34.7244	38.9708	35.5306
35.4759	39.0376	38.3485	35.3047	36.4544

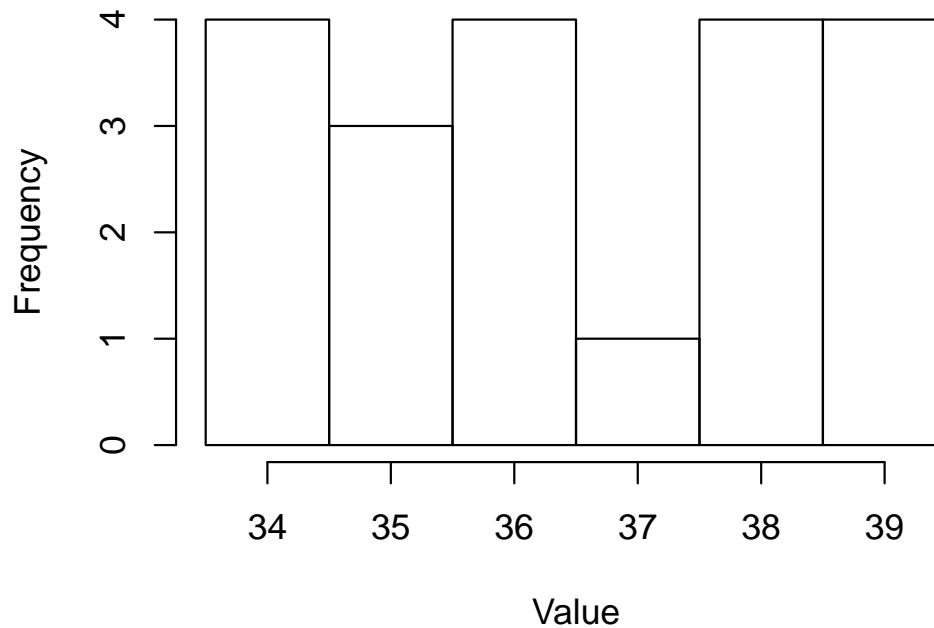
Solution

Make a frequency table.

bin	frequency
34	4
35	3
36	4
37	1
38	4
39	4

Make the histogram.

Histogram



1. Problem

Please make a frequency table and a dot plot from the following (unsorted) data.

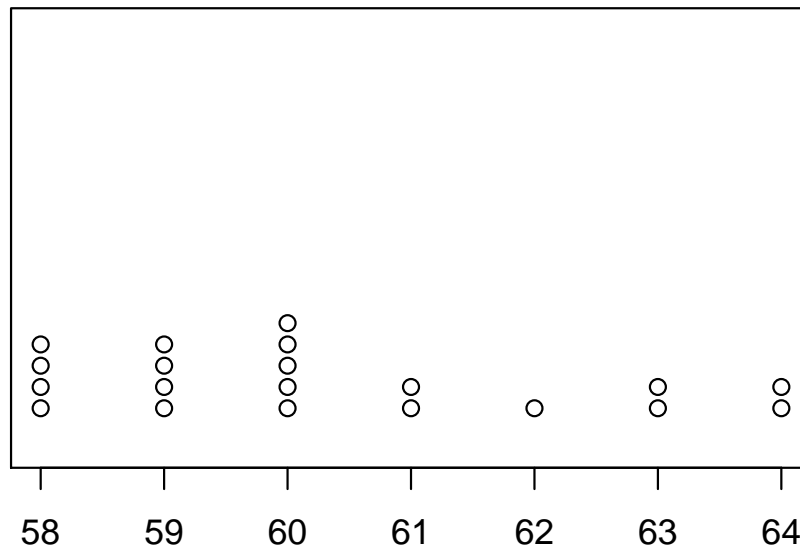
61	59	60	59	64
60	59	62	58	59
63	58	63	64	60
58	58	61	60	60

Solution

Make a frequency table.

value	frequency
58	4
59	4
60	5
61	2
62	1
63	2
64	2

Make the dot plot.



2. Problem

Please make a frequency table and a frequency histogram from the following (unsorted) continuous data by rounding to the nearest integer.

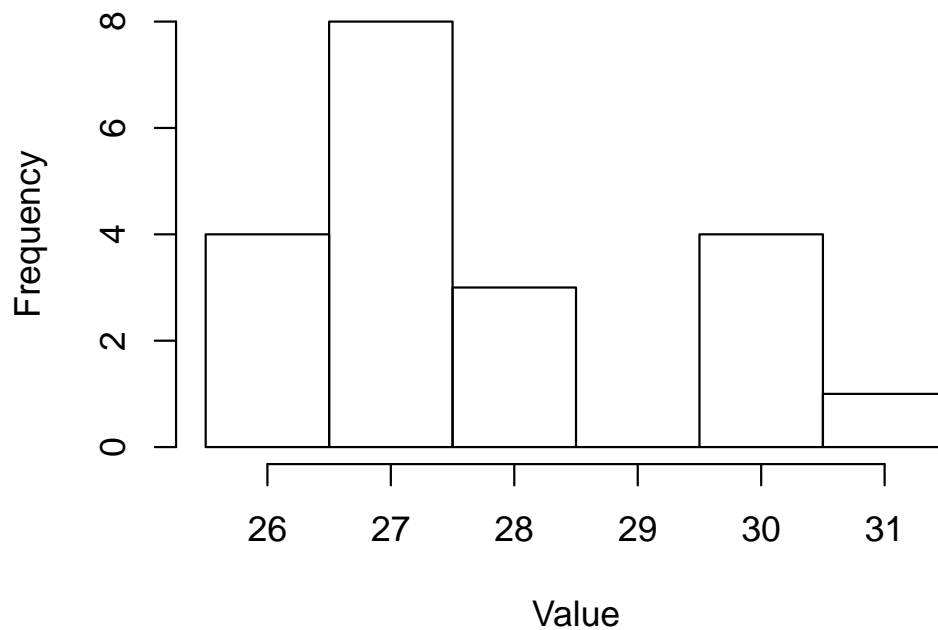
26.3165	28.4500	29.6438	27.2417	27.0486
30.4941	26.1044	30.9541	26.6116	26.7902
25.8742	28.2461	29.6211	27.3467	26.3608
29.9883	27.2710	27.3948	27.2238	28.4005

Solution

Make a frequency table.

bin	frequency
26	4
27	8
28	3
29	0
30	4
31	1

Make the histogram.

Histogram

1. Problem

Please make a frequency table and a dot plot from the following (unsorted) data.

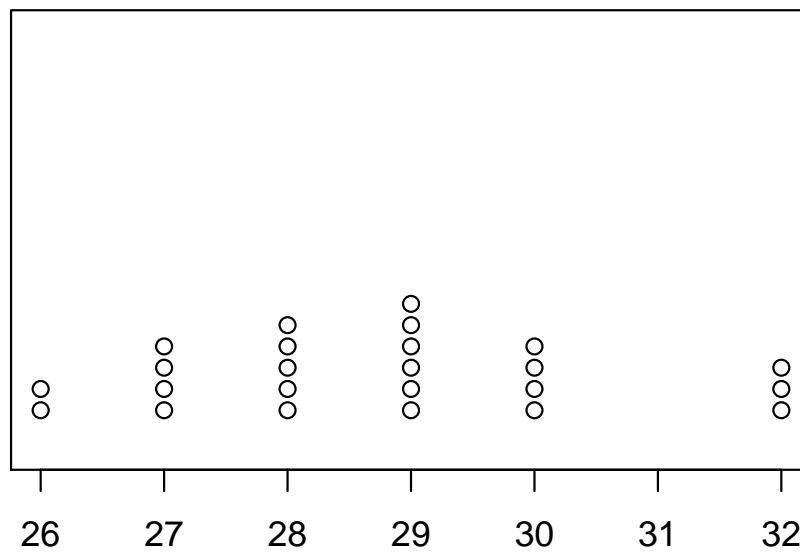
27	27	29	28	32	29
29	32	30	28	28	29
29	26	27	26	29	30
28	30	30	27	28	32

Solution

Make a frequency table.

value	frequency
26	2
27	4
28	5
29	6
30	4
31	0
32	3

Make the dot plot.



2. Problem

Please make a frequency table and a frequency histogram from the following (unsorted) continuous data by rounding to the nearest integer.

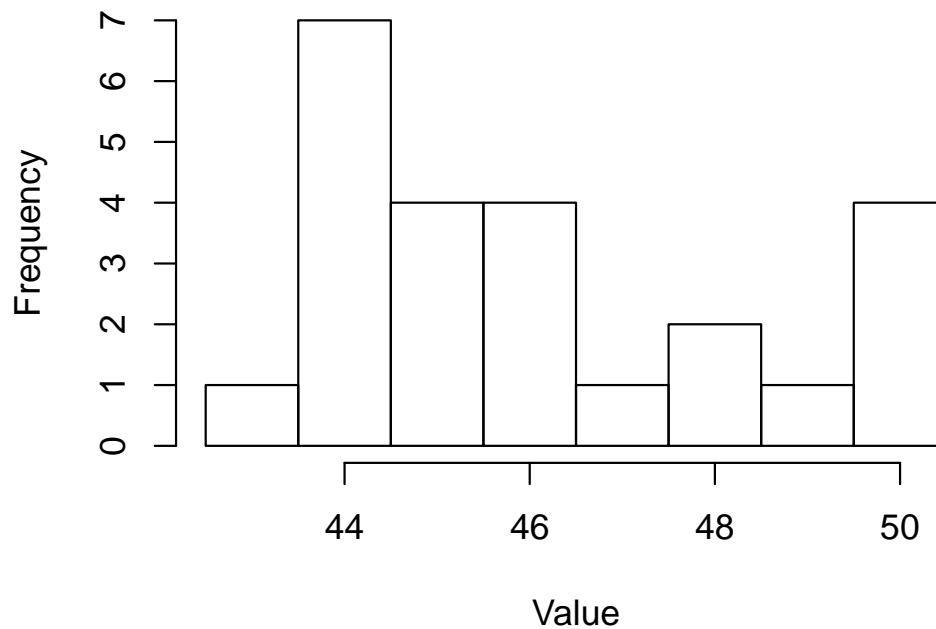
46.0415	43.9132	45.8305	49.7147	50.0011	45.1927
48.1704	47.7498	45.4603	43.7219	44.2846	43.7557
44.3922	46.6906	46.0709	48.5469	45.1956	43.7052
49.6382	45.7621	49.7568	43.4906	44.4513	44.7555

Solution

Make a frequency table.

bin	frequency
43	1
44	7
45	4
46	4
47	1
48	2
49	1
50	4

Make the histogram.

Histogram

1. Problem

Please make a frequency table and a dot plot from the following (unsorted) data.

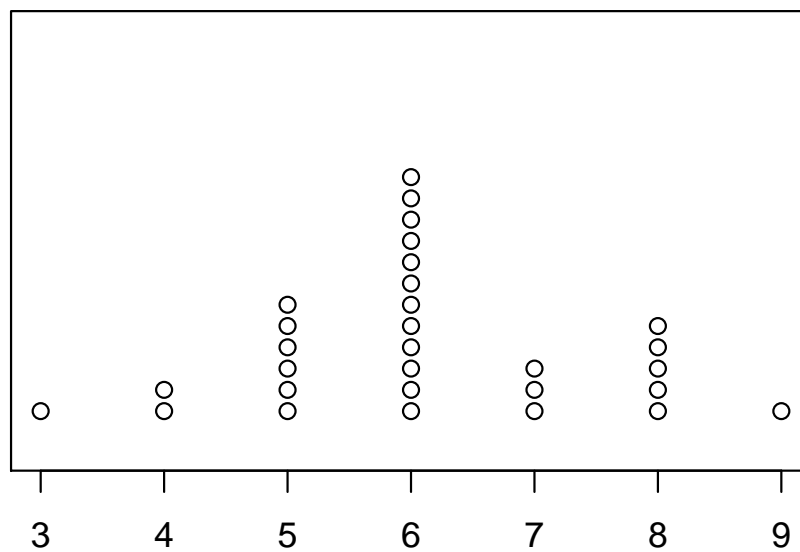
6	6	7	8	5	5
8	7	6	5	6	6
5	8	7	3	6	9
6	8	6	6	6	4
5	4	5	6	6	8

Solution

Make a frequency table.

value	frequency
3	1
4	2
5	6
6	12
7	3
8	5
9	1

Make the dot plot.



2. Problem

Please make a frequency table and a frequency histogram from the following (unsorted) continuous data by rounding to the nearest integer.

35.6491	36.9693	37.2347	36.9424	32.7078	37.2130
34.8362	32.9054	35.2511	33.0067	35.3391	34.8872
35.2835	37.6146	37.5790	35.8403	37.6147	35.0321
34.0757	36.8512	33.4611	34.0157	36.7859	34.3101

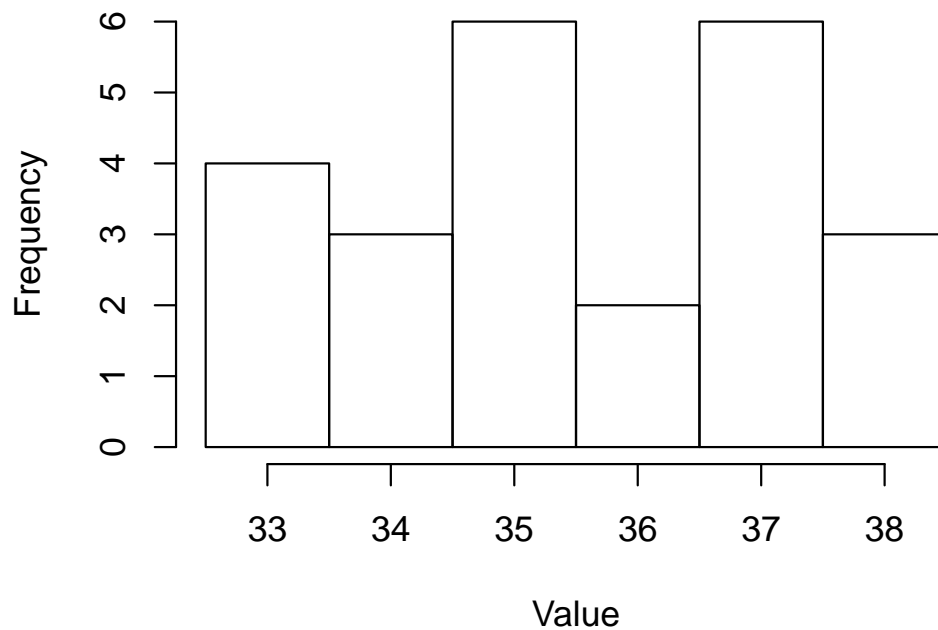
Solution

Make a frequency table.

bin	frequency
33	4
34	3
35	6
36	2
37	6
38	3

Make the histogram.

Histogram



1. Problem

Please make a frequency table and a dot plot from the following (unsorted) data.

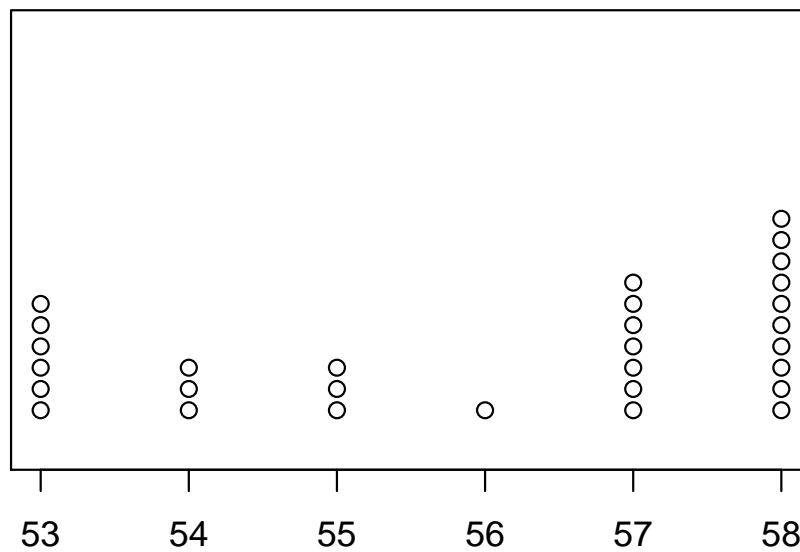
58	57	58	54	58	54
53	53	57	57	58	58
58	55	58	53	55	54
58	53	53	58	57	53
57	57	57	55	56	58

Solution

Make a frequency table.

value	frequency
53	6
54	3
55	3
56	1
57	7
58	10

Make the dot plot.



2. Problem

Please make a frequency table and a frequency histogram from the following (unsorted) continuous data by rounding to the nearest integer.

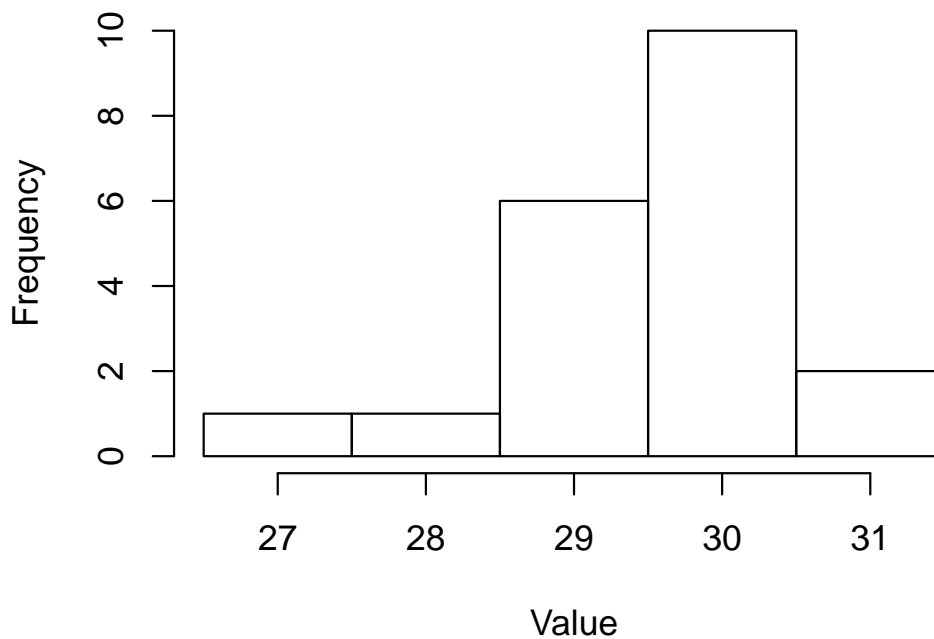
26.9896	30.3796	30.5185	30.4776	29.9683
29.4138	29.3544	28.6317	30.1866	30.3191
28.1770	29.8961	28.6551	29.5067	29.0284
29.8776	29.3073	30.1449	29.7943	30.6110

Solution

Make a frequency table.

bin	frequency
27	1
28	1
29	6
30	10
31	2

Make the histogram.

Histogram

1. Problem

Please make a frequency table and a dot plot from the following (unsorted) data.

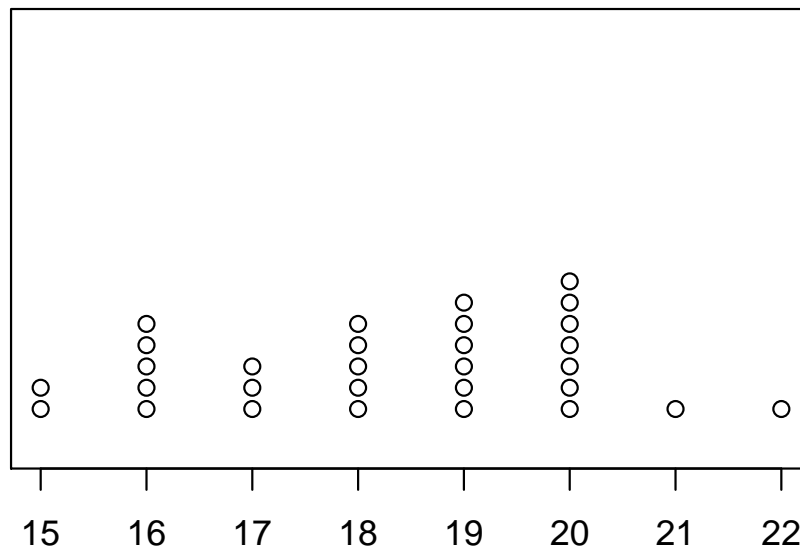
19	20	20	16	20	20
18	19	19	21	16	20
20	15	17	18	22	18
17	16	18	19	19	16
20	16	17	18	15	19

Solution

Make a frequency table.

value	frequency
15	2
16	5
17	3
18	5
19	6
20	7
21	1
22	1

Make the dot plot.



2. Problem

Please make a frequency table and a frequency histogram from the following (unsorted) continuous data by rounding to the nearest integer.

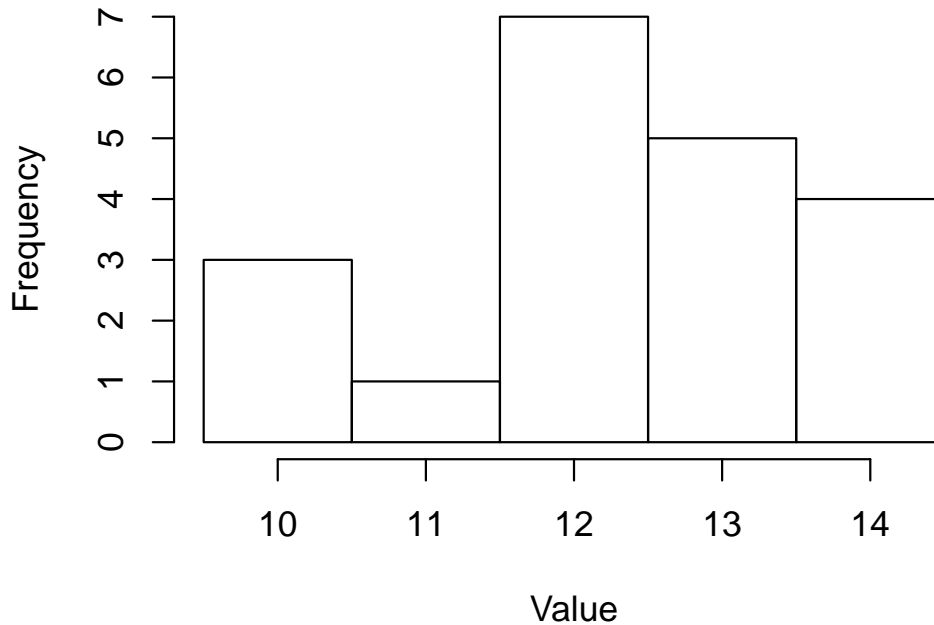
10.2343	12.3938	13.2630	12.0475	13.7459
10.0377	10.6037	12.2996	10.1960	11.5903
12.6982	13.8381	13.3454	12.4200	13.8214
12.4787	12.2902	13.5491	13.0754	13.2601

Solution

Make a frequency table.

bin	frequency
10	3
11	1
12	7
13	5
14	4

Make the histogram.

Histogram

1. Problem

Please make a frequency table and a dot plot from the following (unsorted) data.

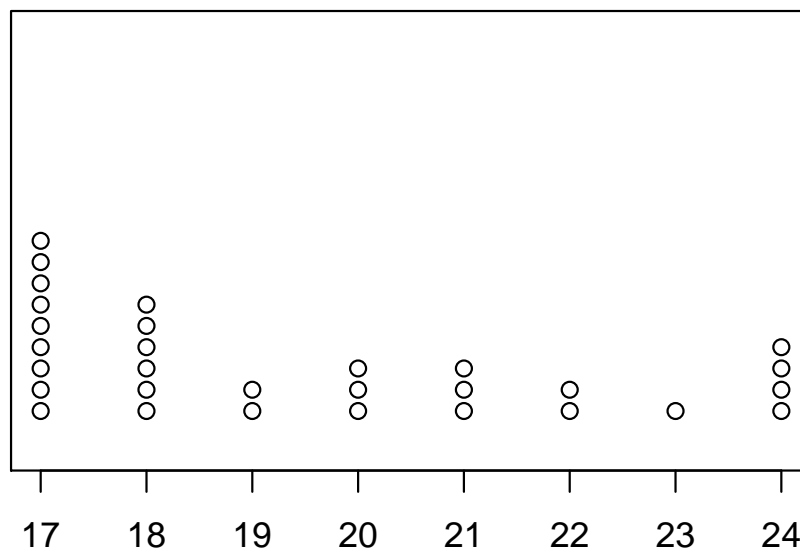
19	20	21	24	24	23
21	24	17	18	22	18
21	18	24	20	18	17
17	18	17	22	17	17
19	18	17	17	20	17

Solution

Make a frequency table.

value	frequency
17	9
18	6
19	2
20	3
21	3
22	2
23	1
24	4

Make the dot plot.



2. Problem

Please make a frequency table and a frequency histogram from the following (unsorted) continuous data by rounding to the nearest integer.

47.7531	47.0146	48.7532	50.1446	49.7048	48.4473
46.6574	49.4840	48.6802	47.3813	45.9508	49.3266
48.2127	48.6236	47.2355	47.0159	46.3640	48.3989
49.2054	50.3380	49.0550	46.4564	46.1917	46.9988
47.9169	46.3523	48.3485	47.2167	46.9531	47.1687

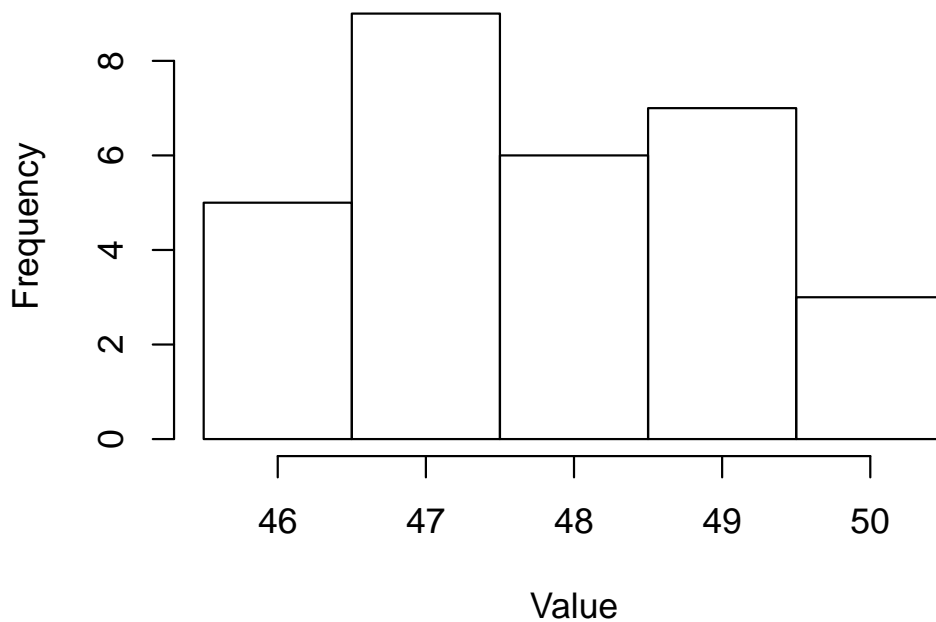
Solution

Make a frequency table.

bin	frequency
46	5
47	9
48	6
49	7
50	3

Make the histogram.

Histogram



1. Problem

Please make a frequency table and a dot plot from the following (unsorted) data.

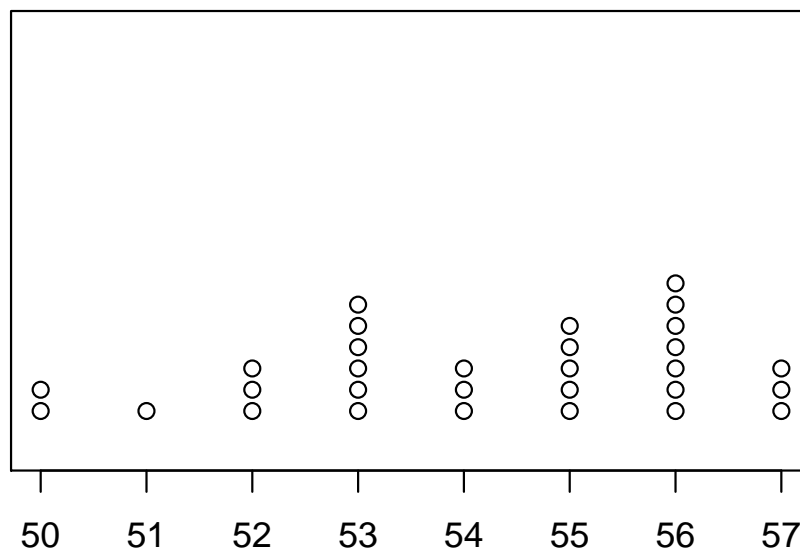
52	55	57	55	56	56
53	51	57	53	50	53
53	54	52	54	57	56
56	52	55	50	56	55
54	56	56	53	53	55

Solution

Make a frequency table.

value	frequency
50	2
51	1
52	3
53	6
54	3
55	5
56	7
57	3

Make the dot plot.



2. Problem

Please make a frequency table and a frequency histogram from the following (unsorted) continuous data by rounding to the nearest integer.

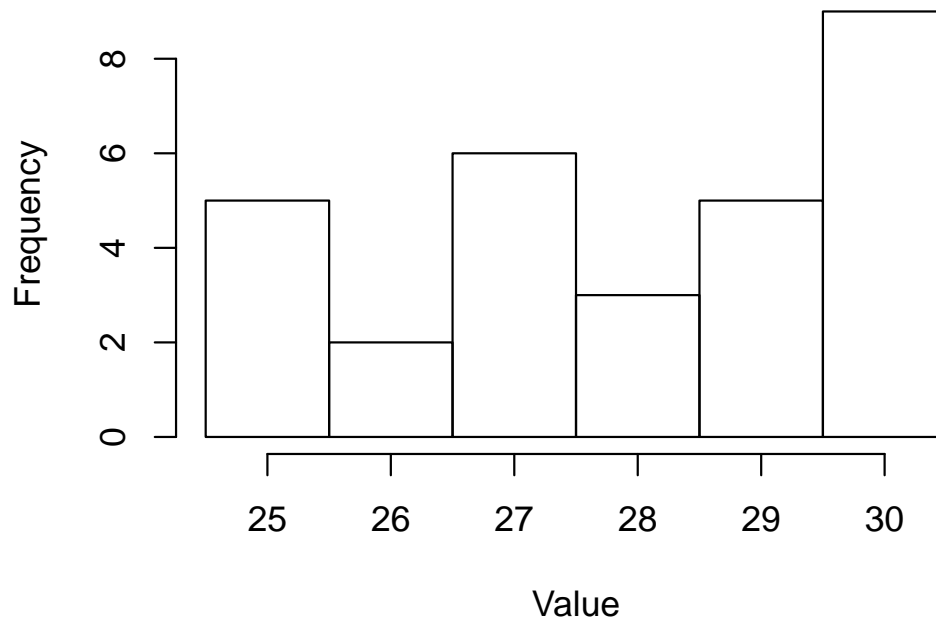
29.6184	27.5067	26.7057	29.6274	25.2906	26.7780
25.5449	26.6782	25.2657	29.2022	27.1246	28.7534
30.0925	27.4136	30.2249	27.5800	30.0502	29.3698
25.2508	29.9851	26.9264	29.6427	29.7503	29.6412
29.4047	29.0397	28.1185	26.1003	25.3362	25.4122

Solution

Make a frequency table.

bin	frequency
25	5
26	2
27	6
28	3
29	5
30	9

Make the histogram.

Histogram

1. Problem

Please make a frequency table and a dot plot from the following (unsorted) data.

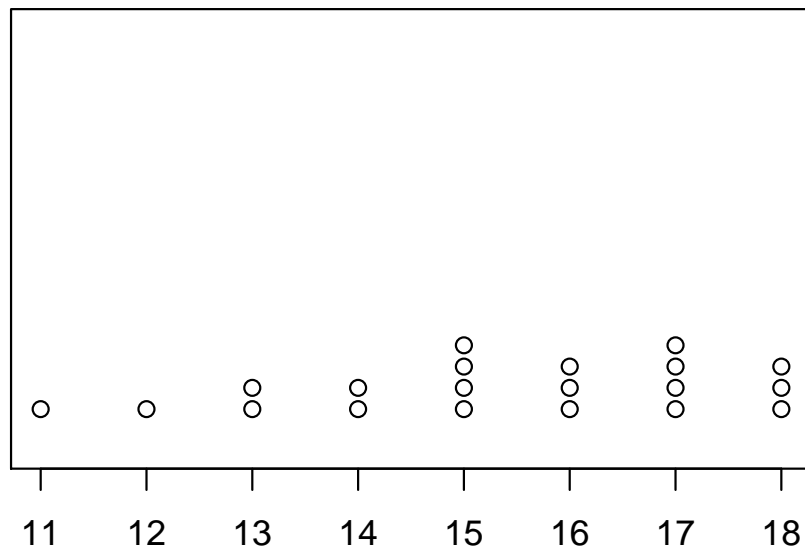
17	17	16	15	13
16	13	14	14	17
18	15	18	17	11
15	16	18	15	12

Solution

Make a frequency table.

value	frequency
11	1
12	1
13	2
14	2
15	4
16	3
17	4
18	3

Make the dot plot.



2. Problem

Please make a frequency table and a frequency histogram from the following (unsorted) continuous data by rounding to the nearest integer.

37.4419	36.6627	38.5894	36.6057	37.8983
33.2985	33.5310	34.5369	38.4055	34.2746
34.2033	34.9203	35.2866	36.6045	37.7256
34.7470	36.4322	35.8255	32.7223	34.5098

Solution

Make a frequency table.

bin	frequency
33	2
34	3
35	5
36	2
37	4
38	3
39	1

Make the histogram.

Histogram