

1. Problem

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

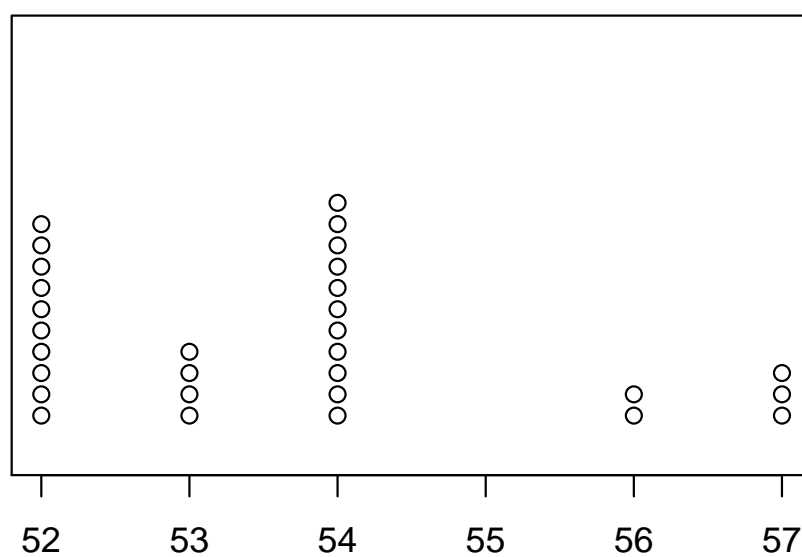
53	57	54	54	54	52
54	57	52	54	52	52
54	56	52	52	52	54
52	52	53	56	54	54
52	57	53	54	53	54

Solution

Make a frequency table.

value	frequency
52	10
53	4
54	11
55	0
56	2
57	3

Make the dot plot.



2. Problem

Please make a bar chart of frequencies from the following (unsorted) discrete data.

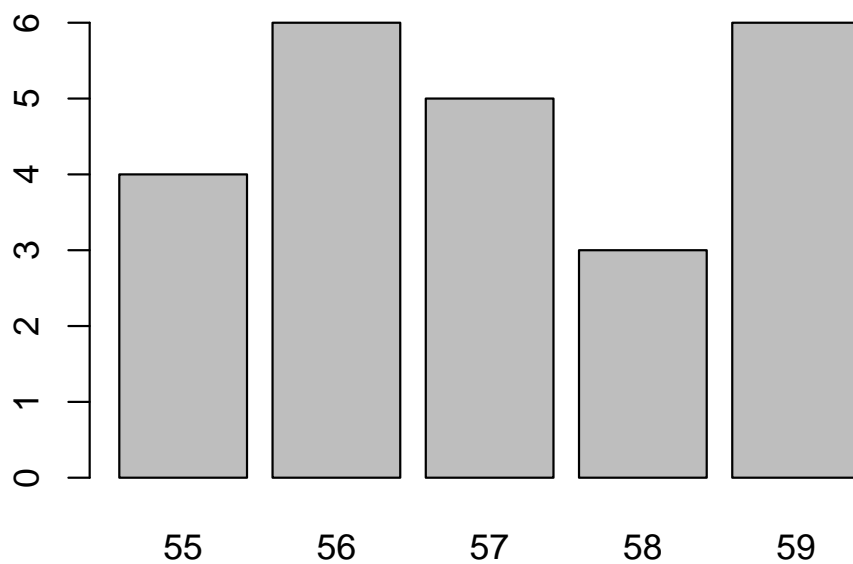
55	55	59	57	59	56
56	55	59	59	58	58
56	57	57	55	57	59
56	58	56	59	56	57

Solution

Make a frequency table.

value	frequency
55	4
56	6
57	5
58	3
59	6

Make the bar chart.



3. Problem

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

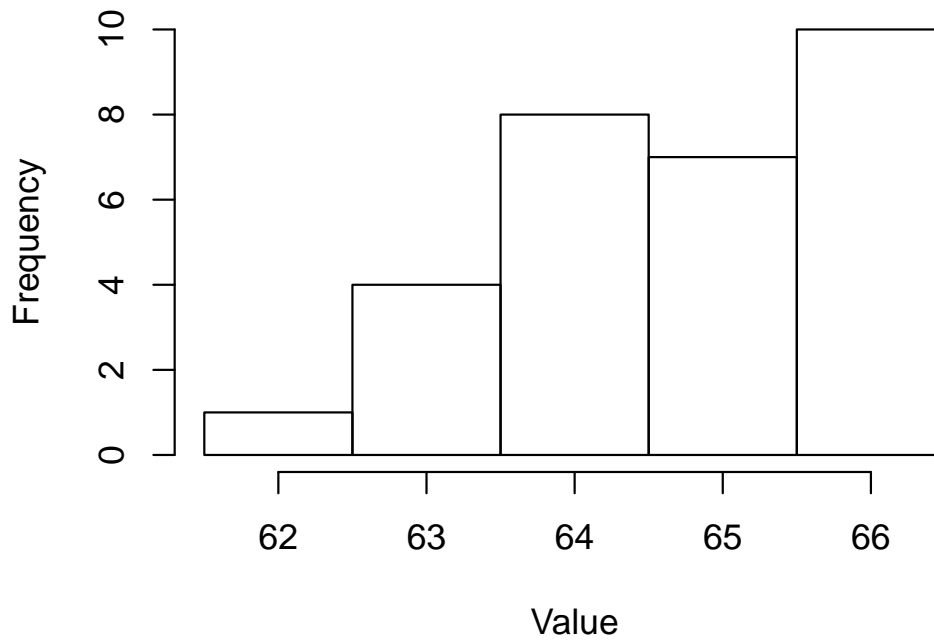
63.6030	65.9681	65.2784	65.5853	65.0795	66.1042
64.0782	65.7921	66.3947	63.0482	65.4790	64.6963
64.1040	63.3017	66.2042	64.8174	64.4776	66.0900
64.0915	64.0324	62.9751	62.9511	64.0179	65.0816
66.1049	64.4744	66.1878	65.0766	62.4533	65.9422

Solution

Make a frequency table.

value	frequency
62	1
63	4
64	8
65	7
66	10

Make the histogram.

Histogram

4. Problem

Please make a frequency histogram from the following (sorted) continuous data by rounding to the nearest multiple of 5.

215.0610	221.5325	221.5960	221.7120
225.2205	225.6480	225.8870	228.5485
230.7235	232.2170	232.4680	232.6825
233.3180	233.7495	234.5700	234.6240
235.4445	235.6395	236.1015	236.9125
237.2830	238.3345	238.7455	239.0570

Solution

Make a frequency table.

value	frequency
215	1
220	3
225	3
230	4
235	10
240	3

Make the histogram.

Histogram