

1. Problem

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

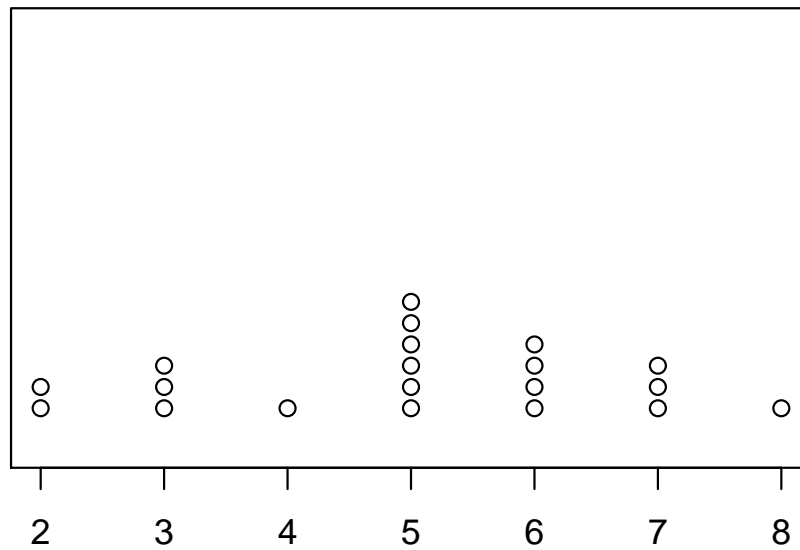
| | | | | |
|---|---|---|---|---|
| 3 | 6 | 3 | 5 | 7 |
| 5 | 2 | 6 | 3 | 5 |
| 5 | 6 | 5 | 6 | 8 |
| 4 | 2 | 5 | 7 | 7 |

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

