## 1. Problem

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

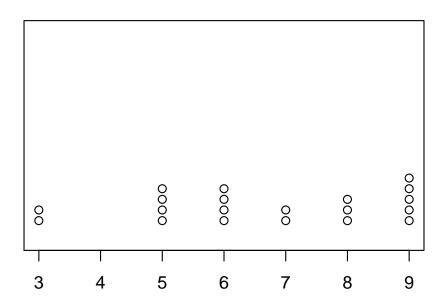
| 5 | 9 | 9 | 6 | 5 |
|---|---|---|---|---|
| 8 | 8 | 9 | 6 | 8 |
| 5 | 9 | 5 | 7 | 6 |
| 3 | 7 | 3 | 9 | 6 |

### Solution

Make a frequency table.

| value | frequency |
|-------|-----------|
| 3     | 2         |
| 4     | 0         |
| 5     | 4         |
| 6     | 4         |
| 7     | 2         |
| 8     | 3         |
| 9     | 5         |

Make the dot plot.



#### 2. Problem

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

| 37.7989 | 34.1300 | 36.7980 | 36.1795 | 40.0247 | 38.4524 |
|---------|---------|---------|---------|---------|---------|
| 35.3163 | 37.2925 | 38.8928 | 38.0990 | 36.8374 | 38.4965 |
| 37.1272 | 34.8052 | 37.7937 | 39.9539 | 35.9052 | 38.6013 |
| 39.1471 | 36.9025 | 35.6244 | 39.2483 | 37.5470 | 37.4595 |
| 39.8873 | 40.1424 | 37.3773 | 35.4315 | 38.5620 | 39.7125 |
|         |         |         |         |         |         |

## Solution

Make a frequency table.

| value | frequency |
|-------|-----------|
| 34    | 1         |
| 35    | 3         |
| 36    | 3         |
| 37    | 7         |
| 38    | 6         |
| 39    | 5         |
| 40    | 5         |

Make the histogram.

# Histogram

