

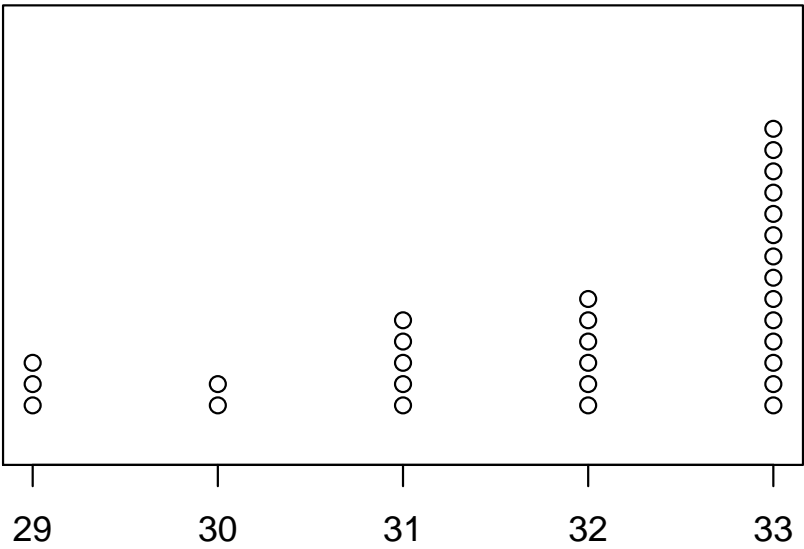
1. **Problem**
Please make a dot plot from the following (unsorted) data.

| | | | | | |
|----|----|----|----|----|----|
| 33 | 33 | 31 | 31 | 32 | 29 |
| 30 | 29 | 31 | 33 | 33 | 32 |
| 32 | 33 | 31 | 33 | 29 | 33 |
| 32 | 33 | 33 | 33 | 33 | 33 |
| 30 | 33 | 33 | 32 | 32 | 31 |

Solution
Make a frequency table.

| value | frequency |
|-------|-----------|
| 29 | 3 |
| 30 | 2 |
| 31 | 5 |
| 32 | 6 |
| 33 | 14 |

Make the dot plot.



2. Problem

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

| | | | | | |
|---------|---------|---------|---------|---------|---------|
| 43.1865 | 45.9518 | 40.1236 | 43.3938 | 44.9283 | 45.9657 |
| 41.4139 | 46.6525 | 40.8028 | 42.2133 | 45.9086 | 44.0118 |
| 44.0545 | 43.7695 | 40.5957 | 42.3765 | 40.4140 | 46.9243 |
| 41.7806 | 46.5852 | 47.7209 | 44.7700 | 47.6343 | 45.3433 |

Solution

Make a frequency table.

| value | frequency |
|-------|-----------|
| 40 | 2 |
| 41 | 3 |
| 42 | 3 |
| 43 | 2 |
| 44 | 3 |
| 45 | 3 |
| 46 | 3 |
| 47 | 3 |
| 48 | 2 |

Make the histogram.

