

Exercise (Quantile)

Median

1 2 3 4 5 | 6
0.7, 0.8, 0.9, 2.1, 2.2, 2.8, 2.9, 3.1, 3.5, 4.8
C 5 4 3 2 1
2.5

$n = 10$

$\frac{n+1}{2} = 5.5$

1st Quantile

1 2 3 | 4 5 | 6
0.7, 0.8, 0.9, 2.1, 2.2, 2.8, 2.9, 3.1, 3.5, 4.8
3 2 1
0.9

75th Percentile

1 2 3 | 4 5 | 6
0.7, 0.8, 0.9, 2.1, 2.2, 2.8, 2.9, 3.1, 3.5, 4.8
3 2 1
3.1

Summary: 2.5

Spread: $3.1 - 0.9 = 2.2$