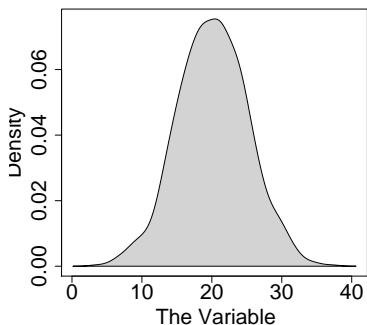


Exer 3.18

[M/M103]

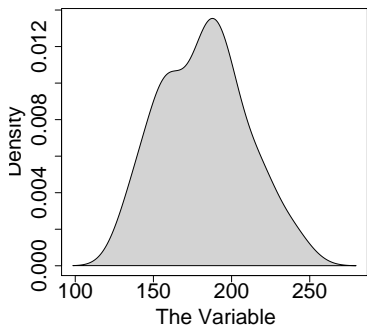
For each of the following distributions, estimate by eye the mean, standard deviation, and 95% coverage interval. Also, calculate the variance.

Part 1.



- Mean. 10 15 20 25 30 Exer 3.18-1
- Std. Dev. 2 5 12 15 20 Exer 3.18-2
- 95% coverage interval.
 Lower end: 1 3 10 15 20 Exer 3.18-3
 Upper end: 20 25 30 35 40 Exer 3.18-4
- Variance. 2 7 10 20 25 70 140 300 Exer 3.18-5

Part 2.



- Mean. 0.004 150 180 250 Exer 3.18-6
- Std. Dev. 10 30 60 80 120 Exer 3.18-7
- 95% coverage interval.
 Lower end: 50 80 100 135 150 200 230 Exer 3.18-8
 Upper end: 50 80 100 180 200 230 Exer 3.18-9
- Variance. 30 80 500 900 1600 23000 Exer 3.18-10