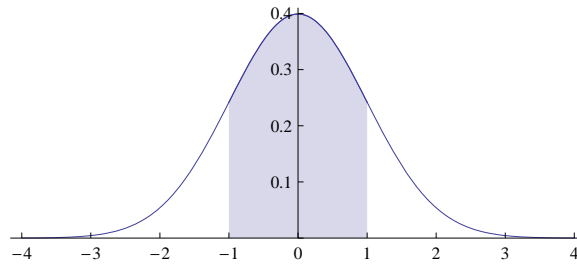
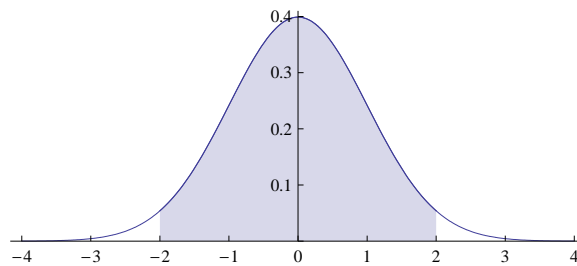


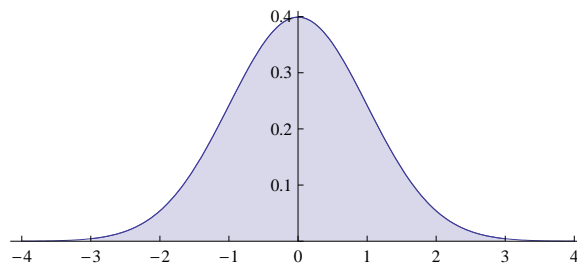
2. Below is a graph of the standard normal distribution $N(0, 1)$. The region under the graph between the values -1 and 1 is shaded.



- (a) Estimate the area of this shaded region.
- (b) What does this area mean in terms of a proportion of values in this distribution?
3. Below is a graph of the standard normal distribution $N(0, 1)$. The region under the graph between the values -2 and 2 is shaded.

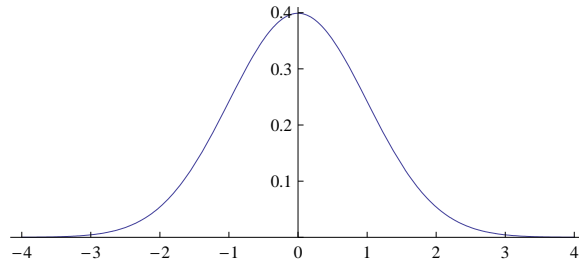


- (a) Estimate the area of this shaded region.
- (b) What does this area mean in terms of a proportion of values in this distribution?
4. Below is a graph of the standard normal distribution $N(0, 1)$. The region under the graph between the values -3 and 3 is shaded.



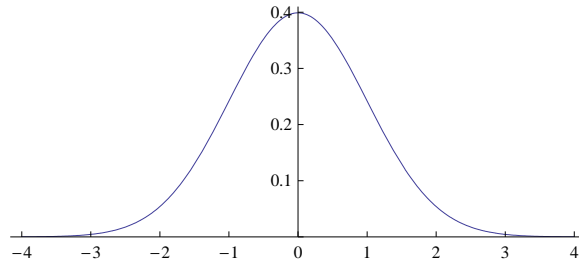
- (a) Estimate the area of this shaded region.
- (b) What does this area mean in terms of a proportion of values in this distribution?

5. Below is a graph of the standard normal distribution $N(0, 1)$.



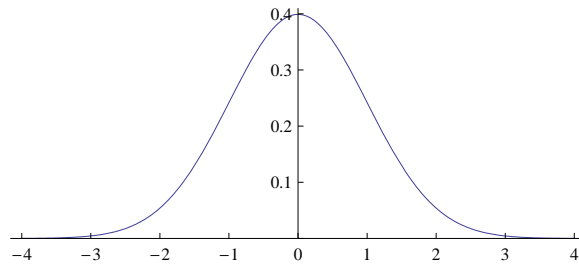
- (a) Shade in the region below the graph to the left of the value -1.5 .
- (b) Estimate the area of this shaded region.

6. Below is a graph of the standard normal distribution $N(0, 1)$.



- (a) Shade in the region below the graph to the left of the value 2 .
- (b) Estimate the area of this shaded region.

7. Below is a graph of the standard normal distribution $N(0, 1)$.



- (a) Shade in the region below the graph between the values -1.5 and 2 .
- (b) Estimate the area of this shaded region.