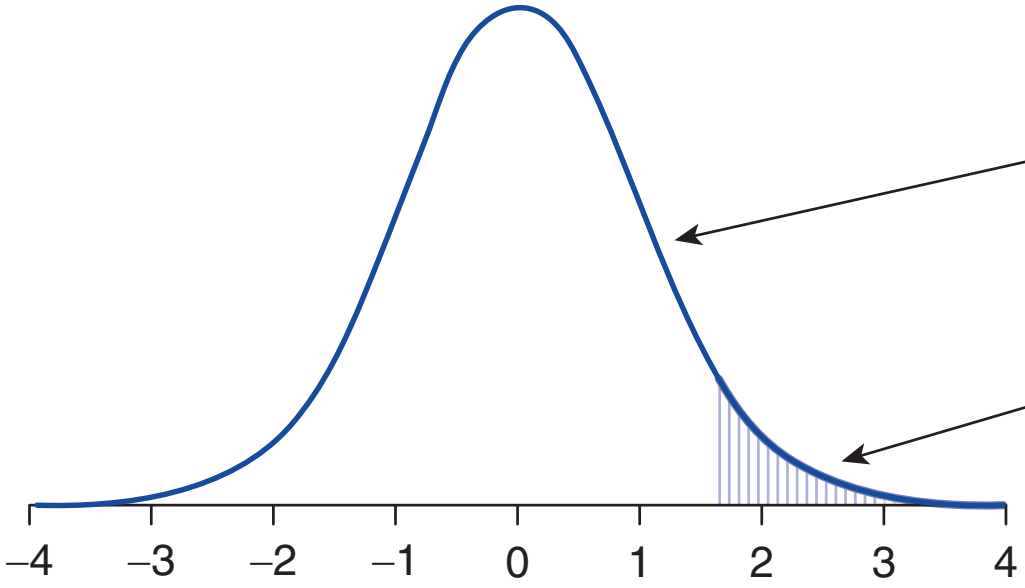
Figure 6.3 The Critical Value That Defines the Critical Region When the Alpha Value Is .05



z scores that are likely to occur if the null is true; bottom 95% of all *z* scores.

z scores that are unlikely to occur if the null is true; top 5% of all z scores; z scores greater than the critical value of 1.65.