





PROBABILITY DISTRIBUTIONS

The next step in the process is to address distributions of data sets. Many different distributions have been developed to assist in defining the information contained within individual data sets. This activity focuses on two chapters. The first is from Dalgaard and discusses random sampling, probability calculations, and distributions. The second is from Keen and further discusses boxplots, revisiting the inner-quartile range and the calculation of the outer fences.

 <p style="text-align: center;">PURPOSE</p> <p>The purpose of this activity is to help you become familiar with the built-in functions for distributions and to revisit probability and the aids to diagnosing distribution-type.</p>	 <p style="text-align: center;">LEARNING OBJECTIVE</p> <p>Recognize some of the more common distributions and the available methods in R to assist in diagnosing the distribution of data sets.</p>
 <p style="text-align: center;">REQUIRED RESOURCES</p> <ul style="list-style-type: none"> Chapter 3, in <i>Introductory Statistics with R</i> (2nd Ed.) (Dalgaard) Chapter 5, in <i>Graphics for Statistics and Data Analysis with R in Introductory statistics with R</i> (Keen) 	 <p style="text-align: center;">TIME ALLOCATED</p> <p style="text-align: center;">50 minutes out-of-class</p>

TASKS



- A. Read Chapter 3 from the Dalgaard text.
- B. Read Chapter 5 from the Keen text.

DELIVERABLE



Read the assign chapters and complete the short quiz on the class course management site.

ASSESSMENT



Short quiz

