

Math 3311 Lab 2: QQ-Plots

1. Generate a sample of size 1000 from each of the following distributions.
 - A normal distribution with mean 100 and standard deviation 15.
 - A uniform distribution on the interval $[100, 200]$
2. Generate QQ-plots for each of the following comparisons
 - (a) Normal sample vs. normal population
 - (b) Uniform sample vs. uniform population
 - (c) Normal sample vs. uniform population
 - (d) Uniform sample vs. normal population
3. For each plot, comment on why it is linear or curved.