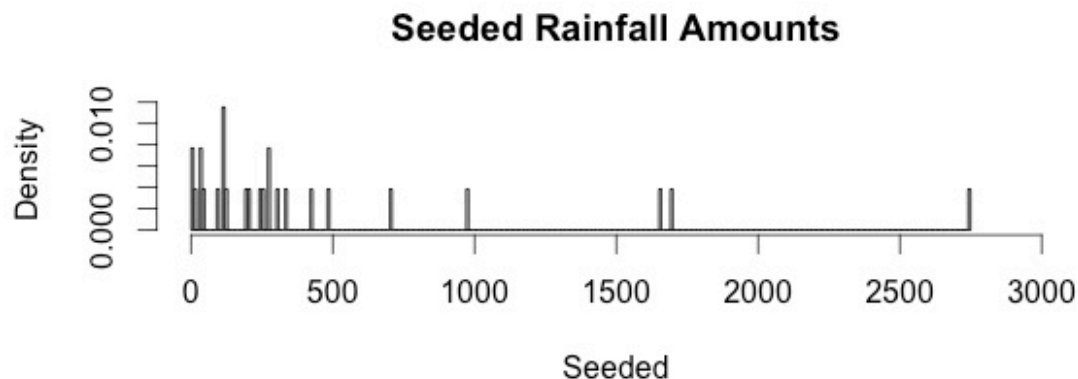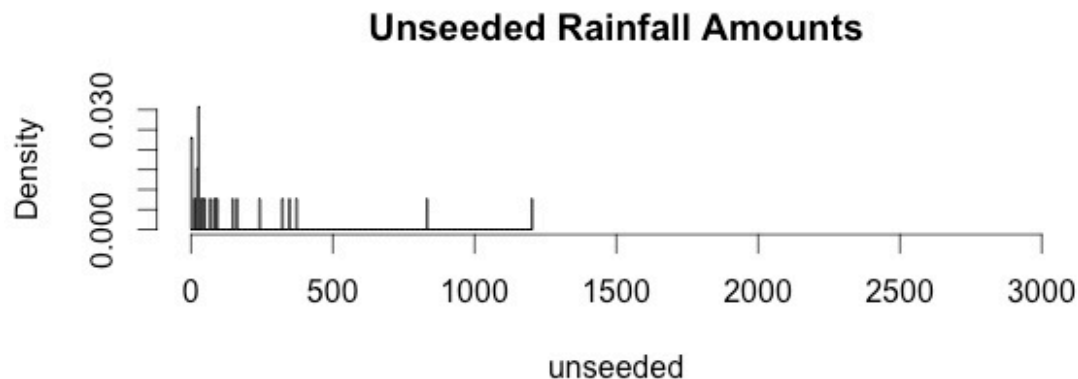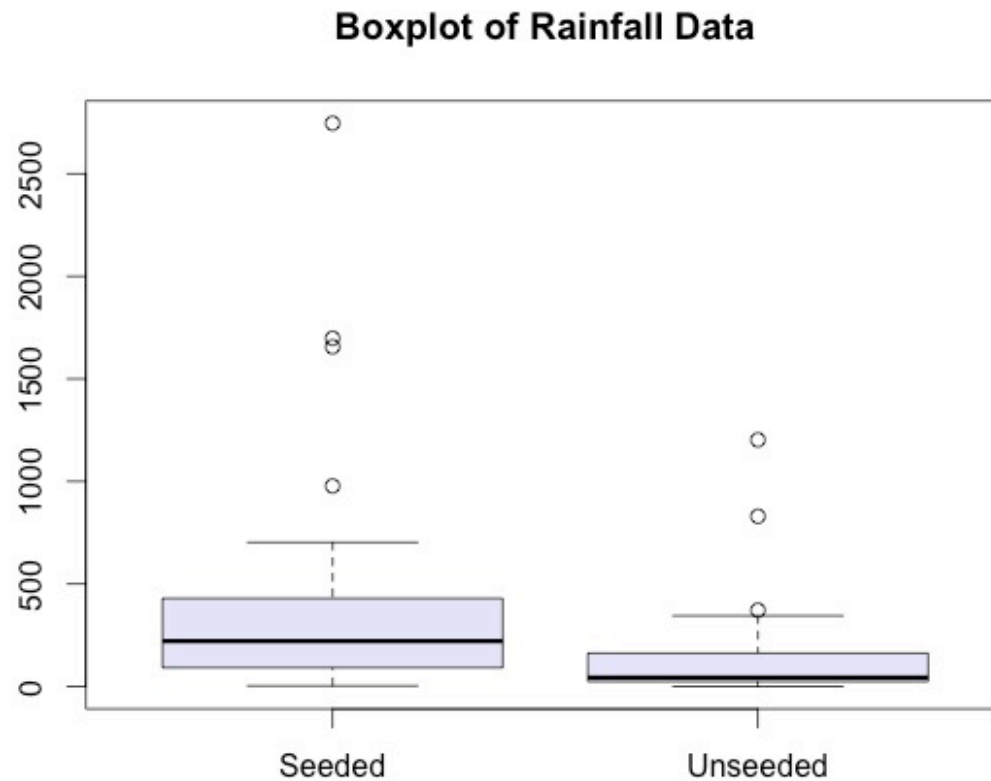# Examining Rainfall Data

Cloud Seeding Data

- The following slides show various graphics for the amount of rainfall from seeded and unseeded clouds.

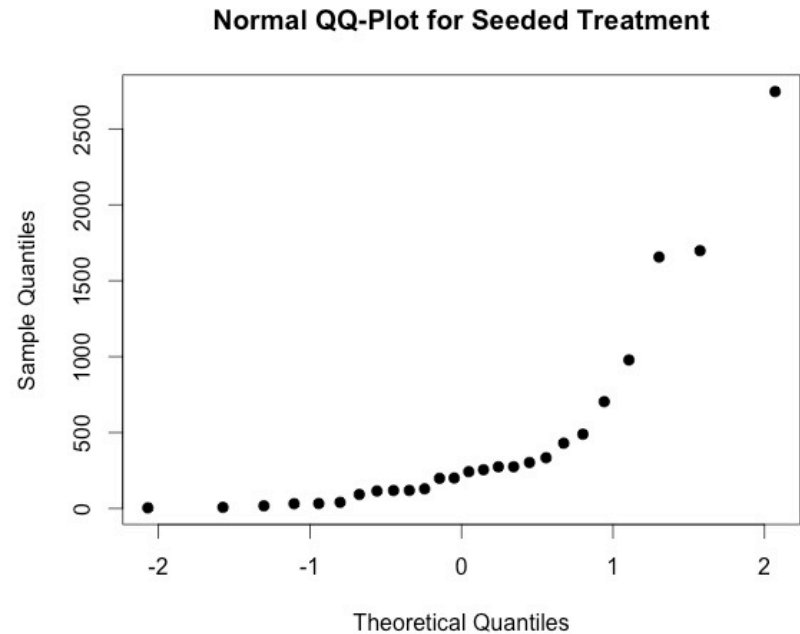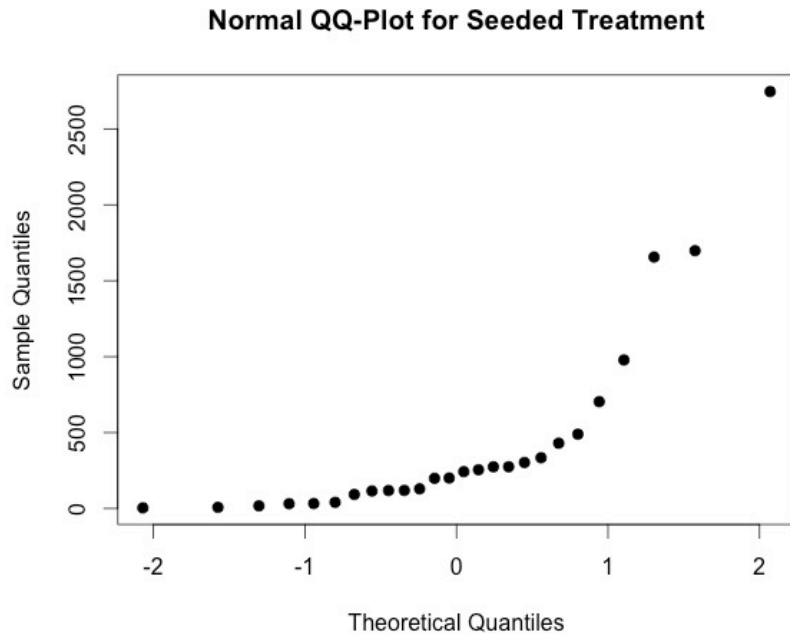- Use the plots to answer the questions at the end of this video.

Histogram of rainfall amounts from unseeded clouds (top), same for the seeded clouds (bottom). The x-axis scales are the same for easier comparison, but, be careful! The Y-axis scales are not the same!

Unseeded Rainfall Amounts

Seeded Rainfall Amounts

Side-by-side boxplots for rainfall amounts from seeded clouds (left) and unseeded clouds (right).
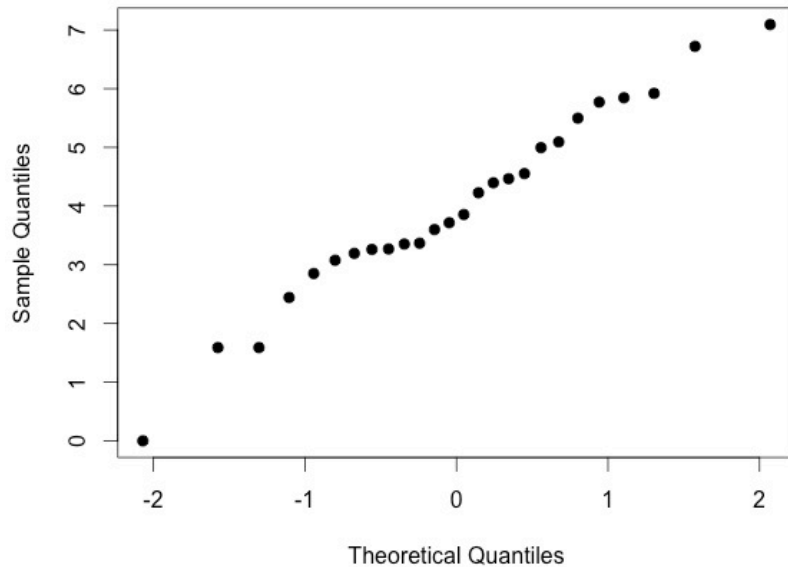

Boxplot of Rainfall Data

Normal Quantile-Quantile plots for the rainfall amounts from seeded clouds (left) and unseeded clouds (right). Note that the x and y axis scales are the same.

Normal QQ-Plot for Seeded Treatment

Normal QQ-Plot for Seeded Treatment

Quantile-quantile plots for the logarithm of rainfall amounts for unseeded clouds (left) and seeded clouds (right).