

Lab Report: Normal Distribution

Name(s):

Key Terms

Provide the definitions for the following terms:

- normal distribution
- standard normal distribution
- z-scores
- critical value

Histogram

Copy/paste the histogram generated by Statcato below:

Descriptive Statistics

Mean and standard deviation

z-scores

Copy/paste the unusual data values:

Unusually low values:

Unusually high values

Normal Distribution

Probability that a randomly chosen schizophrenic eye gain ratio is less than 0.8:

Probability that a randomly chosen schizophrenic eye gain ratio is at least 0.5:

Probability that a randomly chosen schizophrenic eye gain ratio is between 0.8 and 1:

The 60th percentile:

Discussion

- 1.
- 2.
- 3.
- 4.