

Study Guides
Statistics Terminology Sheets – 2 PAGES

Revised October 6, 2005

I. FOR MIDTERM

5-number summary	Non-probability sample
Bell-shaped curve	Normal probability distribution
Binomial probability distribution	Ordinal level of measurement
Box-and-whisker plot	Parameter
Census	Percentile; 90 th percentile; 10 th percentile
Central limit theorem	Poisson probability distribution
Cluster sample	Population mean
Coefficient of correlation	Primary data
Coefficient of variation	Probability density function
Conditional probability	Probability distribution
Contingency table	Probability sample
Continuous measurement	Quartile, 1 st quartile; 3 rd quartile
Continuous probability distribution	Quota sample
Convenience sample	Random variable
Correlation	Range
Discrete measurement	Ratio level of measurement
Discrete probability distribution	Regression line
Exponential probability distribution	Sample
Expected value	Sample mean
First quartile	Sampling distribution of the mean
Frequency distribution	Sampling w/wo replacement
Histogram and bar chart	Scatter plot
Hypergeometric probability distribution	Secondary data
Independent events	Simple probability
Inter-quartile range	Simple random sample
Interval level of measurement	Skewness
Joint probability	Standard deviation
Joint probability table	Standard error of the mean
Judgment sample	Standard normal probability distribution
Marginal probability	Standardizing data
Mathematical expectation	Statistic
Mean	Statistical inference
Measures of central tendency	Stratified random sample
Measures of dispersion	Systematic random sample
Measures of location	Uniform probability distribution
Median	Variance
Mode	Z distribution
Mutually exclusive events	Z statistic
Nominal level of measurement	

II. FOR FINAL EXAM

5-number summary
Bell-shaped curve
Binomial probability distribution
Box-and-whisker plot
Census
Central limit theorem
Chi-square statistic
Cluster sample
Coefficient of correlation
Coefficient of variation
Conditional probability
Confidence interval
Contingency table
Continuous measurement
Continuous probability distribution
Convenience sample
Correlation
Degrees of freedom
Discrete measurement
Discrete probability distribution
Estimation
Expected value
Exponential probability distribution
F statistic
First quartile
Frequency distribution
Goodness of fit test
Heteroskedasticity
Histogram and bar chart
Homoskedasticity
Hypergeometric probability distribution
Hypothesis testing
Independent events
Inter-quartile range
Interval level of measurement
Joint probability
Joint probability table
Judgment sample
Level of confidence
Marginal probability
Mathematical expectation
Mean
Measures of central tendency
Measures of dispersion
Measures of location
Median
Mode
Mutually exclusive events
Nominal level of measurement
Non-probability sample
Normal probability distribution
One-sample test
One-tailed test
Ordinal level of measurement
Parameter
Percentile; 90th percentile; 10th percentile
Poisson probability distribution
Population mean
Primary data
Probability density function
Probability distribution
Probability sample
Quartile, 1st quartile; 3rd quartile
Quota sample
Random variable
Range
Ratio level of measurement
Regression
Regression line
Sample
Sample mean
Sampling distribution of the mean
Sampling w/wo replacement
Scatter plot
Secondary data
Simple probability
Simple random sample
Skewness
Standard deviation
Standard error of the mean
Standard normal probability distribution
Standardizing data
Statistic
Statistical inference
Stratified random sample
Student's t statistic

Systematic random sample

Test for independence

Two-sample test

Two-tailed test

Uniform probability distribution

Variance

Z distribution

Z statistic