

Statistical Procedures Available in StatCrunch

Data Menu

- Load data –
 - From file
 - From paste
 - Sample data
- Save data
- Export Data
- Row selection –
 - Interactive tools
 - Select where
 - Deselect all
- Simulate data –
 - Bernoulli
 - Beta
 - Binomial
 - Cauchy
 - Chi-Square
 - Discrete Uniform
 - Exponential
 - F
 - Gamma
 - Normal
 - Poisson
 - T
 - Uniform
 - Weibull
- Transform data
- Compute expression
- Sequence data
- Split column
- Stack columns
- Bin Column
- Sort columns
- Rank columns
- Sample columns
- Indicator columns

Stat Menu

- Summary Stats
 - Row
 - Columns
 - Correlation
 - Covariance
- Tables
 - Frequency
 - Contingency
 - With data
 - With summary

- Outcome
- Z statistics
 - One sample
 - With data
 - With summary
 - Two sample
 - With data
 - With summary
- Proportions
 - One sample
 - With data
 - With summary
 - Two sample
 - With data
 - With summary
- T statistics
 - One sample
 - With data
 - With summary
 - Two sample
 - With data
 - With summary
 - Paired
- Variance
 - One sample
 - With data
 - With summary
 - Two sample
 - With data
 - With summary
- Regression
 - Simple linear
 - Polynomial
 - Multiple Linear
 - Logistic
 - With data
 - With summary
- ANOVA
 - One way
 - Two way
- Nonparametrics
 - Sign test
 - Wilcoxon Signed Ranks
 - Mann-Whitney
 - Kruskal-Wallis
- Goodness-of-fit
 - Chi-square test
- Control Charts
 - X-bar
 - R
 - X-bar,R
 - np

Statistical Procedures Available in StatCrunch

- p
- c
- u
- Calculators
 - Beta
 - Binomial
 - Cauchy
 - Chi-square
 - Exponential
 - F
 - Gamma
 - Hypogeometric
 - Normal
 - Poisson
 - T
 - Weibull
 - Custom
- Resample
 - Statistic

Graphics Menu

- Bar plot
 - With data
 - With summary
- Pie chart
 - With data
 - With summary
- Chart
 - Columns
 - Group stats
- Histogram
- Stem and leaf
- Boxplot
- Dotplot
- Means plot
- Scatter plot
- Multiplot
- QQ Plot
- Index plot
- Parallel coordinates
- Pairs plot
- 3D rotating plot
- Stars plot
- Word Wall
- Maps
 - US States
 - US locations
 - Fetch locations
 - Google
- Color Schemes

Applets (Under StatCrunch Menu)

- Bayes rule
- Confidence intervals
 - For a mean
 - For a population
- Contingency table
- Correlation by eye
- Distribution demos
- Histogram with sliders
- Hypothesis tests
 - For a mean
 - For a population
- Mean/Std. Dev. Vs Median/OR
- Random numbers
- Regression
 - By eye
 - Influence
 - simulation
- Resampling
 - Bootstrap a statistic
 - Randomization test for correlation
 - Randomization test for 2 means
 - Randomization test for 2 proportions
- Sampling distributions
- Simulation
 - Birthday problem
 - Coin flipping
 - Dice rolling
 - Poker hands
 - Raffle winnings
 - Urn sampling