

# **STATISTICS**

## **Interactive Websites**

Simple Interactive Statistical Analysis (SISA)-Allows you to do statistical analysis directly on the Internet. Also includes user friendly guides.

- <http://www.quantitativeskills.com/sisa/>

## **Informational/Instructional Websites & Videos**

AAA Math-Includes information about basic statistics, as well as a multitude of lessons to help with understanding.

- <http://www.aaamath.com/sta.htm>

Statistical Notes-Notes on a multitude of topics relating to statistics.

- <http://www.stat-help.com/notes.html>

Statistical Links-Links to various materials and services helpful with understanding various topics of statistics.

- <http://www.stat-help.com/links.html>

Dummies: Statistics for Dummies Cheat Sheet-Cheat sheet for statistics created to help you better understand the topic, written in user-friendly terms.

- <http://www.dummies.com/education/math/statistics/statistics-for-dummies-cheat-sheet/>

Studygeek-Homework help site that includes various lessons on statistics, video lessons, statistical examples and formulas.

- <http://www.studygeek.org/statistics/>

A Little Book of R for Biomedical Statistics-A simple introduction to biomedical statistics using the R statistics software. Software is free and includes a PDF version.

- <http://a-little-book-of-r-for-biomedical-statistics.readthedocs.io/en/latest/>

Brettscaife.net: Introduction to Medical Statistics-An introduction to statistics for clinicians. Includes a glossary of statistical terms, as well as examples of exam questions.

- <http://brettscaife.net/statistics/introstat/index.htm>

Youtube: 1 Biostatistics Introduction-A lecture video that explains what biostatistics is and its use in the field of biology studies in population genetics and other purposes.

- [https://www.youtube.com/watch?v=\\_e4mwlqCQr](https://www.youtube.com/watch?v=_e4mwlqCQr)

STATISTICS, *continued***Terminology, Games and Practice Tests**

Varsity Tutors: Free Statistics Practice Tests- Numerous practice tests with a variety of difficulty levels. Sign-up is free and optional.

- <https://www.varsitytutors.com/statistics-practice-tests>

Mathcracker-Includes a collection of statistical practice problems of various areas such as descriptive statistics, confidence intervals, calculation of normal probabilities, hypothesis testing, etc.

- [http://mathcracker.com/solved\\_statistics\\_problems.php](http://mathcracker.com/solved_statistics_problems.php)

Sample Statistics Exam #500-16 practice multiple choice questions and answers.

- <http://www.csun.edu/sites/default/files/statisticsquiz.pdf>

APCentral: The AP Statistics Exam-Practice information which includes, the exam format, exam practice tips, numerous free response questions with scoring guidelines and answers.

- [http://apcentral.collegeboard.com/apc/members/exam/exam\\_information/8357.html](http://apcentral.collegeboard.com/apc/members/exam/exam_information/8357.html)

**Formulas**

Stat Trek-Online Statistical Table (Binomial Calculator) can be used to compute individual and cumulative binomial probabilities.

- <http://stattrek.com/online-calculator/binomial.aspx>

Random Number Generator-Used to create lists of random numbers based on your specifications, as well as links to a variety of probability calculators and stat tables.

- <https://stattrek.com/statistics/random-number-generator.aspx>

Microsoft Excel Spreadsheets-Spreadsheets to assist in statistical calculations.

- <http://www.stat-help.com/spreadsheets.html>

The R Project for Statistical Computing-A free software for statistical computing and graphics.

- <https://r-project.org/>