

Help with statistics – learning

The Library’s “**Introduction to critical appraisal**” course includes some basic statistics – check www.uhl-library.nhs.uk/training.html) for dates.

The Clinical Librarian Service’s “**Writing Club**” sometimes covers statistical topics. Check www.uhl-library.nhs.uk/writingclub for forthcoming meetings.

Material in MOOCs (“massive online courses”)

Check **Coursera** (www.coursera.org) and **FutureLearn** (www.futurelearn.com) for online courses from universities.

In Coursera you may be able to access some course materials for free, but may need to pay to access everything. Coursera’s maths courses are here: www.coursera.org/browse/math-and-logic?languages=en and there are courses on statistics and on R.

FutureLearn courses are free (although you pay for a certificate of completion). FutureLearn’s forthcoming science, maths and technology courses are here: www.futurelearn.com/courses?utf8=%E2%9C%93&filter_category=science-maths-and-technology&filter_availability=new-and-upcoming

Many universities from the UK and the rest of the world are members of one or the other of these.

The **Open University’s OpenLearn** includes a small number of free statistics modules. www.open.edu/openlearn/science-maths-technology, (then click Sciences, Maths and Technology to select Mathematics or Statistics). In addition to the modules, there are short videos to explore issues. There are some materials on working with data at www.open.edu/openlearn/skills-for-study, (scroll down to see “Maths and data”).

Other online learning

eLearning for Healthcare - portal.e-lfh.org.uk/OpenAthensDiscovery (NHS Athens needed) - there are modules on statistics within some courses, and sessions within other modules – use the search box.

Plus: Teacher package: Statistics and probability theory

plus.maths.org/content/teacher-package-statistics-and-probability-theory

Plus is an online maths magazine produced by the Millennium Mathematics Project, a project of the Faculties of Mathematics and Education at the University of Cambridge.

Reusable Learning Objects from the University of Nottingham’s Health E-Learning and Media Team, sonet.nottingham.ac.uk/rlos/, include some on statistical topics. Click Tags and Statistics, or browse by title.

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Royal Statistical Society have courses and online courses (at a cost): www.rss.org.uk

Seeing theory: a visual introduction to probability and statistics - students.brown.edu/seeing-theory/index.html. Project from Brown University, Providence, Rhode Island , presenting statistical concepts in visual form.

Statistics in Medicine: the journal is making its Tutorial papers available free of charge until December 2017 - [onlinelibrary.wiley.com/journal/10.1002/\(ISSN\)1097-0258/homepage/tutorials.htm](http://onlinelibrary.wiley.com/journal/10.1002/(ISSN)1097-0258/homepage/tutorials.htm)

Statstutor: www.statstutor.ac.uk This is a site compiled by mathematics support centres in UK universities, and contains resources for people (older than 16) wanting help with statistics. You can browse by topic. Resources include tutorials on SPSS.