

## Web links

### Chapter 1 Why is statistics such a fascinating subject?

- [1.1] <http://www.eurometeo.com/english/climatege>
- [1.2] <http://www.ph.ucla.edu/epi/snow.html>
- [1.3] <http://www.ph.ucla.edu/epi/snow/mapmyth/mapmyth.html>

### Chapter 2 How statistics differs from mathematics

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- [2.3] <https://mste.illinois.edu/activity/buffon/>
- [2.4] <http://mathworld.wolfram.com/Buffon-LaplaceNeedleProblem.html>

### Chapter 3 Statistical literacy – essential in the 21<sup>st</sup> century

- [3.1] ~~<http://www.censusatschool.com/>~~ This is now a broken link. An overview of current participation in this project by many countries is at <http://www.worldofstatistics.org/primary-secondary-school-teacher-resources/>
- [3.2] <https://www.censusatschool.ie/>
- [3.3] <http://www.censusatschool.ca/>
- [3.4] <http://iase-web.org/islp/>
- [3.5] <http://www.statlit.org>
- [3.6] Lesser, L.M. (2007), Critical values and transforming data: teaching statistics with social justice, *Journal of Statistics Education* 15(1).  
At <https://www2.amstat.org/publications/jse/v15n1/lesser.html>  
This has moved to <https://amstat.tandfonline.com/doi/full/10.1080/10691898.2007.11889454>
- [3.7] ~~<http://srtl.fos.auckland.ac.nz/>~~ This is now a broken link. See instead <https://blogs.uni-paderborn.de/srtl/>
- [3.8] <http://news.bbc.co.uk/2/hi/europe/4256595.stm>
- [3.9] [https://en.wikipedia.org/wiki/Law\\_of\\_small\\_numbers](https://en.wikipedia.org/wiki/Law_of_small_numbers) and

[https://en.wikipedia.org/wiki/Gambler's\\_fallacy](https://en.wikipedia.org/wiki/Gambler's_fallacy)

- [3.10] <http://www.guardian.co.uk/international/story/0,,1410524,00.html>  
or <https://www.theguardian.com/world/2005/feb/11/italy.sophiearie>

#### Chapter 4 Statistical inquiry on the web

- [4.1] <http://www.statsci.org>
- [4.2] <http://probweb.berkeley.edu/probweb.html> *Alternatively*  
<http://www.statslab.cam.ac.uk/probweb/>
- [4.3] <http://www.StatisticalPractice.com> *Alternatively*  
<http://www.jerrydallal.com/LHSP/LHSP.HTM>
- [4.4] <http://surfstat.anu.edu.au/surfstat-home/surfstat.html>
- [4.5] <http://davidmlane.com/hyperstat>
- [4.6] <http://www.dartmouth.edu/~chance/ChanceLecture/AudioVideo.html>
- [4.7] <https://www.causeweb.org/resources>
- [4.8] <https://www.amstat.org/publications/jse> *This has moved to*  
<https://amstat.tandfonline.com/toc/ujse20/current>
- [4.9] <http://iase-web.org/Publications.php?p=SERJ>
- [4.10] <https://projecteuclid.org/>
- [4.11] <http://www.unece.org/stats/links.html#NSO>
- [4.12] [https://en.wikipedia.org/wiki/Digital\\_object\\_identifier](https://en.wikipedia.org/wiki/Digital_object_identifier)
- [4.13] [https://en.wikipedia.org/wiki/Iris\\_flower\\_data\\_set](https://en.wikipedia.org/wiki/Iris_flower_data_set)
- [4.14] <https://digital.library.adelaide.edu.au/dspace/bitstream/2440/15227/1/138.pdf>
- [4.15] <http://president.uchicago.edu/page/2003-nora-and-edward-ryerson-lecture>

#### Chapter 5 Trustworthy statistics are accurate, meaningful and relevant

- [5.1] <https://www.rss.org.uk/>
- [5.2] <http://iase-web.org/islp/>
- [5.3] <http://cdiac.ornl.gov/trends/co2/> *This has moved to*  
<http://cdiac.ess-dive.lbl.gov/trends/co2/>
- [5.4] <http://ds.data.jma.go.jp/gmd/wdcgg/>
- [5.5] <https://www.esrl.noaa.gov/gmd/ccgg/trends/global.html#global>
- [5.6] <http://www.abs.gov.au/ausstats/abs@.nsf/mf/6202.0> Click the Downloads tab and then the pdf button under the heading Publications.
- [5.7] <http://www.unece.org/stats/links.html#NSO>

[5.8]

[https://en.wikipedia.org/wiki/List\\_of\\_sovereign\\_states\\_and\\_dependent\\_territories\\_by\\_population\\_density](https://en.wikipedia.org/wiki/List_of_sovereign_states_and_dependent_territories_by_population_density)

[5.9] <http://www.gutenberg.org/etext/7058>

## Chapter 6 Let's hear it for the standard deviation!

[6.1] Gould, S.J. (1985), The median isn't the message. *Discover* 6, 40-42. At [https://www.cancerguide.org/median\\_not\\_msg.html](https://www.cancerguide.org/median_not_msg.html)

[6.2] <https://www.statslife.org.uk/resources/for-journalists/>

[6.3] <http://www.robertniles.com/stats/>

[6.4] <http://www.ncpp.org/?q=node/4>

[6.5] <http://www.stats.org> or <http://www.senseaboutscienceusa.org/stats/>

[6.6] [http://news.bbc.co.uk/2/hi/uk\\_news/magazine/8201900.stm](http://news.bbc.co.uk/2/hi/uk_news/magazine/8201900.stm)

## Chapter 7 Index numbers – time travel for averages

[7.1] <http://www.unecce.org/stats/links.html#NSO>

[7.2] <http://www.abs.gov.au/ausstats/abs@.nsf/mf/6461.0> Click the Downloads tab and then the pdf button under the heading Publications.

## Chapter 8 The beguiling ways of bad statistics I

[8.1] <https://understandinguncertainty.org/>

[8.2] <http://www.mcgonagall-online.org.uk/index.shtml>

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- [9.4] [http://videlectures.net/icots2010\\_gigerenezer\\_hdap/](http://videlectures.net/icots2010_gigerenezer_hdap/) (Note: this link misspells the name Gigerenzer.)
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- [10.3] <https://www.wolframalpha.com/>
- [10.4] [https://en.wikipedia.org/wiki/List\\_of\\_Australian\\_Prime\\_Ministers\\_by\\_age](https://en.wikipedia.org/wiki/List_of_Australian_Prime_Ministers_by_age)
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- [11.2] [https://www.rand.org/pubs/monograph\\_reports/MR1418.html](https://www.rand.org/pubs/monograph_reports/MR1418.html)
- [11.3] <http://www.ams.org/samplings/feature-column/fcarc-random>
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## Chapter 12 Hidden risks for gamblers

- [12.1] <http://www.gutenberg.org/ebooks/3300>
- [12.2] <https://www.wolframalpha.com>
- [12.3] Section 11.2 in chapter 11 of the *Australian Productivity Commission Report on Gambling*, February 2010.  
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- [14.3] <http://davidmlane.com/normal.html>
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- [14.7] [https://en.wikipedia.org/wiki/Mathematical\\_Tables\\_Project](https://en.wikipedia.org/wiki/Mathematical_Tables_Project)

## Chapter 15 The pillars of applied statistics I – estimation

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- [17.2] <http://www.amstat.org/committees/ethics/index.html> This has moved to <http://www.amstat.org/ASA/Your-Career/Ethical-Guidelines-for-Statistical-Practice.aspx>
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- [17.8] [https://en.wikipedia.org/wiki/Open\\_science](https://en.wikipedia.org/wiki/Open_science)
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## Chapter 18 Francis Galton and the birth of regression

- [18.1] <http://galton.org> (Both the Galton papers from the print references are available here.)
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- [18.3] <http://www.complete-review.com/reviews/byattas/bstale.htm>
- [18.4] <http://www.athenasc.com/Bivariate-Normal.pdf> This is an excerpt from Bertsekas, D. and Tsitsiklis, J. (2002), *Introduction to Probability*, first edition. Athena Scientific.

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- [19.3] [https://www.york.ac.uk/depts/math/histstat/images/latin\\_square.gif](https://www.york.ac.uk/depts/math/histstat/images/latin_square.gif)

## Chapter 20 In praise of Bayes

- [20.1] <http://rstl.royalsocietypublishing.org/content/53/370.full.pdf>
- [20.2] ~~https://bayesian.org/bayes~~ Updated to <https://bayesian.org/>
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- [22.8] <https://www.york.ac.uk/depts/math/histstat>
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