

REFERENCES

- [1] *Cambridge English Dictionary*. 2018. Last Accessed: 2018-07-20.
- [2] Hyun Kang. The Prevention and Handling of The Missing Data. *Korean Journal of Anesthesiology*, 64(5):402, 2013.
- [3] Paul D Allison. *Missing Data*, volume 136. Sage Publications, 2001.
- [4] Geneva. Glossary of Terms on Statistical Data Editing. <http://www.unece.org/fileadmin/DAM/stats/publications/editingglossary.pdf>, 2000. Last Accessed: 2018-07-20.
- [5] Bradley Efron. Missing Data, Imputation, and The Bootstrap. *Journal of the American Statistical Association*, 89(426):463–475, 1994.
- [6] United States Enviromental Protection Agency. EPA’s Report on The Environment: Life Expectancy. https://cfpub.epa.gov/roe/indicator_pdf.cfm?i=70, 2000. Last Accessed: 2018-07-20.
- [7] Isaac Sasson. Trends in Life Expectancy and Lifespan Variation by Educational Attainment: United States, 1990–2010. *Demography*, 53(2):269–293, 2016.
- [8] James W Shaw, William C Horrace, and Ronald J Vogel. The Determinants of Life Expectancy: An Analysis of The OECD Health Data. *Southern Economic Journal*, pages 768–783, 2005.
- [9] Hanna van Solinge and Kène Henkens. Subjective Life Expectancy and Actual Mortality: Results of A 10-year Panel Study Among Older Workers. *European Journal of Ageing*, 15(2):155–164, 2018.
- [10] Md Hamidul Huque, John B Carlin, Julie A Simpson, and Katherine J Lee. A Comparison of Multiple Imputation Methods for Missing Data in Longitudinal Studies. *BMC medical research methodology*, 18(1):168, 2018.
- [11] Anurika Priyanjali De Silva, Margarita Moreno-Betancur, Alysha Madhu De Livera, Katherine Jane Lee, and Julie Anne Simpson. A Comparison of Multiple Imputation Methods for Handling Missing Values in Longitudinal Data in The Presence of a Time-Varying Covariate With a non-Linear Association With time: A Simulation Study. *BMC Medical Research Methodology*, 17(1):114, 2017.

- [12] Deborah Kunkel and Eloise E Kaizar. A Comparison of Existing Methods for Multiple Imputation in Individual Participant Data Meta-Analysis. *Statistics in Medicine*, 36(22):3507–3532, 2017.
- [13] José M Jerez, Ignacio Molina, José L Subirats, and Leonardo Franco. Missing Data Imputation in Breast Cancer Prognosis. *Survival*, 8(9):10–11, 2006.
- [14] Gerko Vink, Laurence E Frank, Jeroen Pannekoek, and Stef Van Buuren. Predictive Mean Matching Imputation of Semicontinuous variables. *Statistica Neerlandica*, 68(1):61–90, 2014.
- [15] Frank E Harrell Jr. *Package 'HMISC' : Harrell Miscellaneous*, 2019.
- [16] Joseph L Schafer and John W Graham. Missing Data: Our View of The State of The Art. *Psychological Methods*, 7(2):147, 2002.
- [17] Judi Scheffer. *Dealing With Missing Data*. 2002.
- [18] Stef Van Buuren. *Flexible Imputation of Missing Data*. Chapman and Hall/CRC, 2018.
- [19] Graeme Hawthorne, Graeme Hawthorne, and Peter Elliott. Imputing Cross-Sectional Missing Data: Comparison of Common Techniques. *Australian & New Zealand Journal of Psychiatry*, 39(7):583–590, 2005.
- [20] Kesar Singh and Minge Xie. Bootstrap: A Statistical Method. *Unpublished Manuscript, Rutgers University, USA*. Retrieved from <http://www.stat.rutgers.edu/home/mxie/RCPapers/bootstrap.pdf>, 2008.
- [21] Roderick J Little, Donald B Rubin, and Sahar Z Zangeneh. Conditions for Ignoring The Missing-Data Mechanism in Likelihood Inferences For Parameter Subsets. *Journal of The American Statistical Association*, 112(517):314–320, 2017.
- [22] Leif E Peterson. K-Nearest Neighbor. *Scholarpedia*, 4(2):1883, 2009.
- [23] Matt W Gardner and SR Dorling. Artificial Neural Networks (The Multilayer Perceptron) — A Review of Applications in The Atmospheric Sciences. *Atmospheric Environment*, 32(14-15):2627–2636, 1998.
- [24] Simon S Haykin et al. *Neural Networks and Learning Machines/Simon Haykin*. New York: Prentice Hall., 2009.

- [25] Andrej Karpathy et al. Cs231n Convolutional Neural Networks for Visual Recognition. *Neural Networks*, 1, 2016.
- [26] Teuvo Kohonen. The Self-Organizing Map. *Proceedings of The IEEE*, 78(9):1464–1480, 1990.
- [27] Li Yuan. Implementation of Self-Organizing Maps with Python. 2018.
- [28] Claude Sammut and Geoffrey I Webb. *Encyclopedia of Machine Learning*. Springer Science & Business Media, 2011.
- [29] Alvira Swalin. Choosing the right metric for evaluating machine learning models, 2018.
- [30] Hastie Trevor, Tibshirani Robert, and Friedman JH. *The Elements of Statistical Learning: Data Mining, Inference, and Prediction*, 2009.
- [31] Rob Hyndman. Another Look at Forecast Accuracy Metrics for Intermittent Demand. *Foresight: The International Journal of Applied Forecasting*, (4):43–46, 2006.
- [32] Joseph C Watkins. An Introduction To The Science Of Statistics: From theory to implementation. *Online*. Available: <http://math.arizona.edu/~jwatkins/statbook.pdf>, 2016.
- [33] William Mendenhall, Terry Sincich, and Nancy S Boudreau. *A Second Course in Statistics: Regression Analysis*, volume 5. Prentice Hall Upper Saddle River, NJ, 1996.
- [34] Tae Kyun Kim. T Test as a Parametric Statistic. *Korean Journal of Anesthesiology*, 68(6):540, 2015.
- [35] Global Health Observatory Data Repository. Data by Indicators. <http://apps.who.int/gho/data/node.imr>, 2018. Accessed: 2019-04-26.
- [36] The World Bank. World Bank Open Data Indicators. <https://data.worldbank.org/indicator>, 2018. Accessed: 2019-04-26.
- [37] Global Health Observatory Data Repository. GHO Home Page. <http://apps.who.int/gho/data/node.imr>, 2018. Accessed: 2019-04-26.

- [38] Global Health Observatory Data Repository. Current Health Expenditure (CHE) as Percentage of Gross Domestic Product (gdp) (<http://apps.who.int/gho/data/view.main.GHEDCHEGDP SHA2011v>, 2018. Accessed: 2019-04-26.
- [39] Global Health Observatory Data Repository. Polio (Pol3) Immunization Coverage Among 1-year-olds ((Universal Health Coverage). http://apps.who.int/gho/data/node.imr.WHS4_544?lang=en, 2018. Accessed: 2019-04-26.
- [40] Global Health Observatory Data Repository. Diphtheria Tetanus Toxoid and Pertussis (DTP3) Immunization Coverage Among 1-year-olds (Coverage)). http://apps.who.int/gho/data/node.imr.WHS4_100?lang=en, 2018. Accessed: 2019-04-26.
- [41] Global Health Observatory Data Repository. Number of Under-Five Deaths (Thousands) (Mortality and Global Health Estimates). http://apps.who.int/gho/data/node.imr.CM_01?lang=en, 2018. Accessed: 2019-04-26.
- [42] Global Health Observatory Data Repository. Measles - Number of Reported Cases (Vaccine-Preventable Communicable Diseases). http://apps.who.int/gho/data/node.imr.WHS3_62?lang=en, 2018. Accessed: 2019-04-26.
- [43] Global Health Observatory Data Repository. Hepatitis B (HepB3) Immunization Coverage Among 1-year-olds (http://apps.who.int/gho/data/node.imr.WHS4_117?lang=en, 2018. Accessed: 2019-04-26.
- [44] Global Health Observatory Data Repository. Adult Mortality Rate (Probability of Dying Between 15 and 60 Years per 1000 Population) (mortality and Global Health Estimates). http://apps.who.int/gho/data/node.imr.WHOSIS_000004?lang=en, 2018. Accessed: 2019-04-26.
- [45] Global Health Observatory Data Repository. Mean Body Mass Index Trends Among Adults, Age-Standardized. <http://apps.who.int/gho/data/node.main.A904?lang=en>, 2018. Accessed: 2019-04-26.

- [46] Global Health Observatory Data Repository. Life Expectancy and Healthy Life Expectancy Data by Country. <http://apps.who.int/gho/data/node.main.688?lang=en>, 2018. Accessed: 2019-04-26.
- [47] World Bank Open Data. Government Expenditure on Education. <https://data.worldbank.org/indicator/SE.XPD.TOTL.GD.ZS>, 2018. Accessed: 2019-04-26.
- [48] World Bank Open Data. Total Population. <https://data.worldbank.org/indicator/sp.pop.totl>, 2018. Accessed: 2019-04-26.
- [49] World Bank Open Data. Gross Domestic Product. <https://data.worldbank.org/indicator/ny.gdp.mktp.cd>, 2018. Accessed: 2019-04-26.
- [50] World Bank Open Data. Labor Force. <https://data.worldbank.org/indicator/SL.TLF.TOTL.IN?view=chart>, 2018. Accessed: 2019-04-26.
- [51] World Bank Open Data. Birth Rate. <https://data.worldbank.org/indicator/SP.DYN.CBRT.IN?view=chart>, 2018. Accessed: 2019-04-26.
- [52] World Bank Open Data. Death Rate. <https://data.worldbank.org/indicator/SP.DYN.CDRT.IN?view=chart>, 2018. Accessed: 2019-04-26.
- [53] World Bank Open Data. Government Expenditure. <https://data.worldbank.org/indicator/GC.XPN.TOTL.GD.ZS>, 2018. Accessed: 2019-04-26.
- [54] World Bank Open Data. Adult Male Mortality Rate. <https://data.worldbank.org/indicator/sp.dyn.amrt.ma>, 2018. Accessed: 2019-04-26.
- [55] World Bank Open Data. Adult Female Mortality Rate. <https://data.worldbank.org/indicator/SP.DYN.AMRT.FE>, 2018. Accessed: 2019-04-26.
- [56] Peter Schmitt, Jonas Mandel, and Mickael Guedj. A Comparison of Six Methods for Missing Data Imputation. *Journal of Biometrics & Biostatistics*, 6(1):1, 2015.