

---

# LITERATURA

1. Akl EA, Oxman AD, Herrin J, et al. Schünemann, Holger (ed.). Using alternative statistical formats for presenting risks and risk reductions. *The Cochrane database of systematic reviews*. 2011;(3):CD006776.
2. Altman DG, Bland JM. Statistics notes: the normal distribution. *BMJ* 1995;310(6975):298.
3. AMA Manual of Style Committee. *AMA Manual of Style: A Guide for Authors and Editors*, 10th ed. Oxford: Oxford University Press. 2007
4. Arandjelović O. A more principled use of the p-value? Not so fast: a critique of Colquhoun's argument. *R Soc Open Sci*. 2019;6(5):181519.
5. Balayla J. Bayesian Updating and Sequential Testing: Overcoming Inferential Limitations of Screening Tests. *ArXiv* 2020. <https://arxiv.org/abs/2006.11641>
6. Barbey AK, Sloman SA. Base-rate respect: From ecological rationality to dual processes. *Behav Brain Sci*. 2007;30(3):241–54, discussion 255–97.
7. Bayes T. An essay towards solving a problem in the doctrine of chances. *Philosophical Transactions of the Royal Society of London*. 1763;53:370–418.
8. Benjamin DJ, Berger JO, Johannesson M et al. Redefine Statistical Significance. *Nat Hum Behav*. 2018;2(1):6–10.
9. Brenner H, Gefeller O. Variation of sensitivity, specificity, likelihood ratios and predictive values with disease prevalence. *Stat Med*. 1997;16:981–991.
10. Carter RE, Huang P. Cautionary note regarding the use of CIs obtained from Kaplan-Meier survival curves. *J Clin Oncol*. 2009;27:174–75.
11. Cartwright N. *Hunting Causes and using them*. New York: Cambridge University Press; 2007.
12. Climenhaga N. The structure of epistemic probabilities. *Philos Stud*. 2019, corrected publication 2021.
13. Colquhoun D. 2017 The reproducibility of research and the misinterpretation of p-values. *R Soc Open Sci*. 4: 171085. <http://dx.doi.org/10.1098/rsos.171085>.
14. Cosmides L, Tooby J. Are humans good intuitive statisticians after all? Rethinking some conclusions of the literature on judgment under uncertainty. *Cognition*. 1996;58:1–73.
15. Cournot A. *Exposition de la théorie des chances et des probabilités*. Éd.1843, p 78.
16. Cox DR. Regression Models and Life-Tables. *Journal of the Royal Statistical Society. Series B (Methodological)*. 1972;34(2): 187–220.
17. Cutler S J, Ederer F. Maximum utilization of the life table method in analyzing survival. *J Chronic Dis*. 1958;8(6):699–712.
18. Elliott AC, Woodward WA. *Statistical analysis quick reference guidebook with SPSS examples*. 1st ed. London: Sage Publications; 2007.
19. Everitt BS. *Medical Statistics from A to Z*. Cambridge: Cambridge University Press. 2nd ed. 2006.
20. Fisher RA. *Statistical methods for research workers*. Edinburgh: Oliver and Boyd, 1st edition; 1925.

21. Fox K, Garcia MA, Ardissino D, et al. for the Task force on the Management of stable angina pectoris of the European society of cardiology; ESC Committee for practice guidelines (CPG). Guidelines on the management of stable angina pectoris: executive summary. *Eur Heart J.* 2006 Jun;27(11):1341–81.
22. Ghasemi A, Zahediasl S. Normality Tests for Statistical Analysis: A Guide for Non-Statisticians. *Int J Endocrinol Metab.* 2012 Spring; 10(2):486–489. Published online 2012 Apr 20. doi: 10.5812/ijem.3505
23. Gigerenzer G, Hoffrage U. How to improve Bayesian reasoning without instruction: Frequency formats. *Psychol Rev.* 1995;102(4):684.
24. Goodman SN. p-Values, hypothesis tests, and likelihood: implications for epidemiology of a neglected historical debate. *Am J Epidemiol.* 1993;137:485–496.
25. Hackenberger BK. Bayes or not Bayes, is this the question? *Croat Med J.* 2019;60:50–2.
26. Harris T, Hardin JW. Exact Wilcoxon signed-rank and Wilcoxon Mann–Whitney ranksum tests. *The Stata Journal.* 2013;13(2):337–343.
27. Hebak P. Srovnání klasické a bayesovské pravděpodobnosti a statistiky (1.) *Acta Oeconomica Pragensia* 20(1), 2012, s 69–87.
28. Hintikka J & Hintikka M. The logic of epistemology and the epistemology of logic: Selected essays. *Studies in epistemology, logic, methodology, and philosophy of science.* Springer; 1989.
29. Hintikka J. Knowledge and belief: An Introduction to the logic of the two notions. *Contemporary philosophy.* Cornell University Press; 1962.
30. Hoffrage U, Lindsey S, Hertwig R, Gigerenzer G. Medicine: Communicating statistical information. *Science.* 2000;290(5500):2261–62.
31. <https://blog.minitab.com/en/author/minitab-blog-editor>, <https://blog.minitab.com/en/adventures-in-statistics-2/five-guidelines-for-using-p-values>
32. Jaynes ET. Probability theory – The Logic of science. Cambridge: Cambridge University Press; 2003.
33. Johnson VE. Revised standards for statistical evidence. *Proc. Natl Acad. Sci.* 2013;110(48):19313–7.
34. Johnson VE. Uniformly most powerful Bayesian tests. *Ann Stat.* 2013;41:1716–1741.
35. Kaplan EL, Meier P. Nonparametric estimation from incomplete observations. *J Am Statistical Association.* 1958; 53:457–81.
36. Khan Academy, <https://www.khanacademy.org/math/ap-statistics/probability-ap/stats-conditional-probability/a/conditional-probability-using-two-way-tables/>
37. Kierkegaard S. (1844). In Hong HV & Hong EH (eds.). *Philosophical Fragments.* Princeton University Press; 1985.
38. Koehler JJ. The base rate fallacy reconsidered: Descriptive, normative, and methodological challenges. *Behav Brain Sci.* 2010;19:1–17.
39. Koenderink J. The All seeing eye? Guest editorial. *Perception.* 2014;43:1–6.
40. Koenderink J. To Bayes or not to Bayes. *Perception.* 2016;45(3):251–4.
41. Kolmogorov AN. Foundations of the theory of probability. New York, USA: Chelsea Publishing Company; 1950.
42. Kolmogorov AN. Grundbegriffe der Wahrscheinlichkeitsrechnung. Berlin: Springer; 1933.
43. Langová K, Gallo J. Je Kaplan-Meierova statistika nejvhodnější metodou k hodnocení přežívání výsledku v ortopedii? *Acta Chir. orthop. Traum. čech.* 2010;77:118–123.
44. Lee I. 4 Reasons why Correlation does NOT imply Causation. Apr 18, 2021: <https://towardsdatascience.com/4-reasons-why-correlation-does-not-imply-causation-f202f69fe979>
45. Loshin D, Multidimensional Analysis in Business Intelligence, 2nd ed. 2013 Dimensional Analysis. Multidimensional Analysis - an overview (pdf) | ScienceDirect Topics.

46. Matematická biologie, portál, <https://portal.matematickabiologie.cz/index.php?pg=aplikovana-analyza-klinickyh-a-biologickyh-dat-biostatistika-pro-matematickou-biologii-vztah-pravdepodobnosti-statistiky-a-biostatistiky-podminena-pravdepodobnost-a-bayesuv-vzorec>
47. Mayers C, Baker K. Impact of false-positives and false-negatives in the UK's COVID-19 RT-PCR testing programme. June 3, 2020. [https://assets.publishing.service.gov.uk/government/uploads/system/uploads/attachment\\_data/file/895843/S0519\\_Impact\\_of\\_false\\_positives\\_and\\_negatives.pdf](https://assets.publishing.service.gov.uk/government/uploads/system/uploads/attachment_data/file/895843/S0519_Impact_of_false_positives_and_negatives.pdf)
48. Meloun M. Vícerozměrná statistická analýza dat. Microsoft Word - ABSTRACT.doc (upce.cz), Microsoft Word - ABSTRACT.doc (upce.cz)
49. Moons KGM, Harrell FE. Sensitivity and specificity should be deemphasized in diagnostic accuracy studies. *Acad Radiol.* 2003;10:670–672.
50. Mulherin SA, Miller WC. Spectrum bias or spectrum effect? Subgroup variation in diagnostic test evaluation. *Ann Intern Med.* 2002;137:598–602.
51. Nisbett RE, Borgida E, Crandall R, Reed H. Popular induction: Information is not always informative. In Carroll JS & Payne JW (ed.). *Cognition and social behavior.* Psychology Press, 2nd edition; 1976, p. 227–36.
52. Pallant J. SPSS survival manual, a step by step guide to data analysis using SPSS for windows. 3rd ed. Sydney: McGraw Hill; 2007. p. 179-200.
53. Pezlar I. Epistemická logika. Brno: Masarykova univerzita; 2015.
54. Quine WV. The ways of paradox. *The Ways of Paradox, and Other Essays.* New York: Random House; 1966.
55. Ranganathan P, Aggarwal R, Pramesh CS. Common pitfalls in statistical analysis: Odds versus risk. *Perspect Clin Res.* 2015;6(4):222–224.
56. Rényi A. On a new axiomatic theory of probability. *Acta Math Acad Sci Hung.* 1955; 285–335.
57. Rich JT, Neely JG, Paniello RC, et al. A Practical guide to understanding Kaplan-Meier curves. *Otolaryngol Head Neck Surg.* 2010;143(3):331–336.
58. Romeijn J-W. Philosophy of statistics. *The Stanford Encyclopedia of philosophy* (Fall 2022 Edition), Zalta EN & Nodelman U (eds.), <https://plato.stanford.edu/archives/fall2022/entries/statistics/>
59. Rothamsted Research Press office: Statement on R A Fisher 09 Jun 2020, <https://www.rothamsted.ac.uk/news/statement-r-fisher>
60. Rovelli C. *L'ordine del tempo* (2017), *The Order of time*, český překlad Řád času. Praha: Dokořán a Argo, edice Aliter; 2020.
61. Ruiz-Ruano García AM, López Puga J. Deciding on Null Hypotheses using P-values or Bayesian alternatives: A simulation study. *Psicothema.* 2018;30(1):110–115.
62. Sackett DL, Haynes RB. The architecture of diagnostic research. *BMJ.* 2002;324:539–541.
63. Sellke T, Bayarri MJ, Berger JO. Calibration of p values for testing precise null hypothesis. *The American Statistician,* 2001;55:62–71.
64. Selvin S. Letters to the Editor, *Am Stat.* 1975;29(1):67–71.
65. Shafer G & Vovk V. The Sources of Kolmogorov's Grundbegriffe. *Stat Sci.* 2006;21(1):70–98.
66. Shafer G. Why did Cournot's principle disappear? *Ecole des Hautes Études en Sciences Sociales.* May 19, 2006.
67. Simpson EH. The Interpretation of Interaction in Contingency Tables. *J R Statist Soc.* 1951;Ser. B 13:238–241.
68. Soukal P. Heteroskedasticita. Diplomová práce Vysoká škola ekonomická Praha, Fakulta informatiky a statistiky 1999. 103 s.
69. Stewart H. Getting the big „Go – no go“ decisions. Harnessing the power of expert knowledge elicitation, <https://www.henrystewartconferences.com/life-sciences/getting-big-go-no-go-decisions-right>

70. Tegmark M. Our mathematical universe. My quest for the ultimate nature of reality. UK: Penguin Random House; 2014.
71. Tversky A, Kahneman D. Judgment under uncertainty: Heuristics and biases. *Science*. 1974;185(4157):1124–31.
72. Vojáček J a Bultas J. Němá ischemie myokardu. Praha: Grada; 1994.
73. Wasserstein RL, Lazar NA. The American Statistical Association statement on p-values: context, process, and purpose. *Am Stat*. 2016;70:2,129–133.
74. Zalta EN & Nodelman U, eds. The Stanford Encyclopedia of philosophy. Fall 2022 Edition, <https://plato.stanford.edu/archives/fall2022/entries/statistics/>