

CLASHEP 2023

Statistics/Machine Learning Bibliography

Harrison B. Prosper

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- 1 L. Daston, *How Probability Came To Be Objective And Subjective*, Hist. Math. 21, 330 (1994).
- 2 G. Cowan, *Statistical Data Analysis*, Oxford University Press, Oxford (1998).
- 3 L. Lista, *Statistical Methods for Data Analysis in Particle Physics*, Lecture Notes in Physics, Second Edition, 2017, Springer, DOI 10.1007/978-3-319-62840-0.
<https://people.na.infn.it/~lista/Statistics/>
- 4 INFN School of Statistics 2022,
<https://agenda.infn.it/event/28039/timetable/?view=standard>
- 5 H.B. Prosper, *Probability and Statistical Inference*, SERC School in Particle Physics, Chandigarh, India, 7-27 March, 2005.
<https://arxiv.org/abs/physics/0606179v1>
- 6 G. Cowan, K. Cranmer, E. Gross, O. Vitells, *Asymptotic formulae for likelihood-based tests of new physics*, Eur.Phys.J.C71:1554, 2011.
- 7 A Living Review of Machine Learning for Particle Physics,
<https://iml-wg.github.io/HEPML-LivingReview/>.
- 8 Fifth Machine Learning in High Energy Physics Summer School 2019,
<https://indico.cern.ch/event/768915/>