

Lectures on Statistics and Machine Learning

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These lectures covered the basics of statistics and machine learning for collider physics.

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1. Statistics

My statistics lectures were based on Ref [1].

2. Machine Learning

My machine learning lectures were based on Ref [2].

References

- [1] K. Cranmer, doi:10.5170/CERN-2015-001.247, 10.5170/CERN-2014-003.267 arXiv:1503.07622 [physics.data-an].
- [2] D. Guest, K. Cranmer and D. Whiteson, Ann. Rev. Nucl. Part. Sci. **68**, 161 (2018) doi:10.1146/annurev-nucl-101917-021019 [arXiv:1806.11484 [hep-ex]].