

Midnight magpie

Mathematical notes on mathematical statistics

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1 Boolean algebra

2 Algebraic probability

[\[Tao15\]](#) and [\[Tao09\]](#).

3 Measure theoretic probability

[\[Tao15\]](#)

4 Descriptive statistics

[\[Sie21\]](#) and [\[HMC19\]](#)

5 Calculating probabilities by hand

For now, [\[Tao15\]](#) and related notes in the series

References

- [HMC19] Robert V Hogg, Joseph W McKean, and Allen T Craig. *Introduction to mathematical statistics*. Pearson Education, eighth edition, 2019.
- [Sie21] Kyle Siegrist. [Probability, Mathematical Statistics, Stochastic Processes](#), 1997 – 2021.
- [Tao09] Terence Tao. [245B notes 4: The Stone and Loomis-Sikorski representation theorems \(optional\)](#), 2009.
- [Tao15] Terence Tao. [275A, Notes 0: Foundations of probability theory](#), 2015.