

# Midnight magpie

Mathematically rigorous notes on basic statistics

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## 1 Probability

[Dur19], [Tao15]

## 2 Statistical inference

[HMC19]

### 2.1 Hypothesis testing

[HMC19]

## References

- [Dur19] Rick Durrett. Probability: theory and examples. [https://services.math.duke.edu/~rtd/PTE/PTE5\\_011119.pdf](https://services.math.duke.edu/~rtd/PTE/PTE5_011119.pdf), 2019.
- [HMC19] Robert V Hogg, Joseph W McKean, and Allen T Craig. *Introduction to mathematical statistics*. Pearson Education, eighth edition, 2019.
- [Tao15] Terence Tao. 275a, notes 0: Foundations of probability theory. <https://terrytao.wordpress.com/2015/09/29/275a-notes-0-foundations-of-probability-theory/>, 2015.