

Causal Inference in Epidemiology

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Preface

This will be an online book about causal inference.

Here are some other resources for learning causal inference:

UC Davis courses

- [EPI 205](#) “Principles of Epidemiology”
- [EPI 206](#) “Epidemiologic Study Design”
- [EPI/SPH 207](#) “Advanced Epidemiologic Methodology”
- [EPI 225](#) “Advanced Topics in Epidemiology Methods”
- [POL 285](#) “Statistics of Causal Inference in Political Science”
- [MGB/MGP/MGT 454A](#) “Causal Inference and Statistical Experiments”
 - syllabus: <https://webapps.aws.ucdavis.edu/public/documents/4861649/Syllabus><https://schedule.aws.ucdavis.edu/courses/4861649>
- [PSC 204B](#) “Causal Modeling of Correlational Data”
- [PSC 205C](#) “Structural Equation Modeling”

Course search options:

- <https://schedule.aws.ucdavis.edu/courseScheduling>
- <https://catalog.ucdavis.edu/course-search/>
- <https://catalog.ucdavis.edu/courses-subject-code/>

Online Videos

- “Introduction to Causal Inference” (slides [here](#))
- [Online Causal Inference Seminar series](#)

UC Davis Datalab learning group

- <https://datalab.ucdavis.edu/causal-inference/>
 - [Reading list](#)

Other links:

- <https://cameron.econ.ucdavis.edu/causal/>
- https://datalab-icmat.github.io/causal_reading_group.html
- Lab exercises by [Ben Noble](#): <https://github.com/bennoble/causal-inference-2022>

Books

- Judea Pearl (2016)
- Hernán and Robins (2020)

1 Introduction

This is a book created from markdown and executable code.

See Knuth (1984) for additional discussion of literate programming.

```
1 + 1
```

```
[1] 2
```

2 Summary

In summary, this book has no content whatsoever.

1 + 1

[1] 2

References

- Hernán, MA, and J Robins. 2020. “Causal Inference: What If. Boca Raton: Chapman & Hill/Crc.(2020).” *Publisher’s Note Springer Nature Remains Neutral with Regard to Jurisdictional Claims in Published Maps and Institutional Affiliations*. <https://miguelhernan.org/whatifbook>.
- Judea Pearl, Nicholas P. Jewell, Madelyn Glymour. 2016. *Causal Inference in Statistics: A Primer*. 1st ed. Chicester: Wiley.
- Knuth, Donald E. 1984. “Literate Programming.” *Comput. J.* 27 (2): 97–111. <https://doi.org/10.1093/comjnl/27.2.97>.