

Simulation study comparing two bootstrapping methods for propensity-score matching.

Amy Pitts, Hun Lee, Jimmy Kelliher, Tucker Morgan, Waveley Qiu

Monday, February 21, 2022

Here is our info

Thing we are defining
definition

Here is a list

- one thing
- second thing
- third thing
- last thing

Project Goal: here is our project goal

More things

Picture Example

Here is a picture of my cat as an example



Figure 1: This is one of my favorite pictures haha

Adding Some Color

Here is some color

- blue,
- purple,
- second purple,
- orange

We can also just add `color` in a sentence.

Model Assessment

Here is a table and some formulas

Treat:	Outcome:	
	Yes	No
0	A	B
1	C	D

$$Y = \alpha_0 + \alpha_1 X_1 + \alpha_2 X_2 + \alpha_3 X_3 + \epsilon$$

$$\epsilon \sim N(0, 1)$$

Acknowledgements + Resources

Here are old resources I used.

1. Hodgson, J. T., & Darnton, A. (2000). The quantitative risks of mesothelioma and lung cancer in relation to asbestos exposure. *The Annals of occupational hygiene*, 44(8), 565–601.
2. Lemen R. A. (2016). Mesothelioma from asbestos exposures: Epidemiologic patterns and impact in the United States. *Journal of toxicology and environmental health. Part B, Critical reviews*, 19(5-6), 250–265.
3. American Cancer Society. (2018, November 16). Risk factors for malignant mesothelioma. <https://www.cancer.org/cancer/malignant-mesothelioma/causes-risks-prevention/risk-factors.html>
4. Er, O., Tanrikulu, A. C., . Abakay, A., & Temurtas, F. An approach based on probabilistic neural network for diagnosis of Mesothelioma's disease. *Computers & Electrical Engineering*, 38(1), 75-81.
5. Dua, D. & Graff, C. (2019). UCI Machine Learning Repository. Irvine, CA: University of California, School of Information and Computer Science. <http://archive.ics.uci.edu/ml>
6. Hillegass, J. M., Shukla, A., Lathrop, S. A., MacPherson, M. B., Beuschel, S. L., Butnor, K. J., Testa, J. R., Pass, H. I., Carbone, M., Steele, C., & Mossman, B. T. (2010). Inflammation precedes the development of human malignant mesotheliomas in a SCID mouse xenograft model. *Annals of the New York Academy of Sciences*, 1203, 7–14.
7. What Mesothelioma Treatment is Right for Me? Mesothelioma Center - Vital Services for Cancer Patients & Families. (n.d.). <https://www.asbestos.com/treatment/>

Thank you!

Thank you!