References

- [1] Skymind team Chris V. Nicholson Adam Gibson. Open Data for Deep Learning. URL: https://deeplearning4j.org/opendata.
- [2] Carl Doersch. "Tutorial on variational autoencoders". In: arXiv preprint arXiv:1606.05908 (2016).
- [3] Justin Grimmer. "We are all social scientists now: how big data, machine learning, and causal inference work together". In: *PS: Political Science & Politics* 48.1 (2015), pp. 80–83.
- [4] Brett Grossfeld. A Simple Way to Understand Machine Learning vs Deep Learning. July 2017. URL: https://www.zendesk.com/blog/machine-learning-and-deep-learning/.
- [5] Michael J Higgins and Jasjeet S Sekhon. *Improving Experiments by Optimal Blocking: Minimizing the Maximum Within-block Distance*. Tech. rep. Working Paper, 2013.
- [6] Yann LeCun, Yoshua Bengio, and Geoffrey Hinton. "Deep learning". In: nature 521.7553 (2015), p. 436.
- [7] Christos Louizos et al. "Causal effect inference with deep latent-variable models". In: *Advances in Neural Information Processing Systems*. 2017, pp. 6449–6459.
- [8] Bernard Marr. What Is The Difference Between Deep Learning, Machine Learning and AI? Dec. 2016. URL: https://www.forbes.com/sites/bernardmarr/2016/12/08/what-is-the-difference-between-deep-learning-machine-learning-and-ai/#41ae410f26cf.
- [9] Ryan T Moore and Sally A Moore. "Blocking for sequential political experiments". In: *Political Analysis* 21.4 (2013), pp. 507–523.
- [10] Thai T Pham and Yuanyuan Shen. "A Deep Causal Inference Approach to Measuring the Effects of Forming Group Loans in Online Non-profit Microfinance Platform". In: *arXiv preprint arXiv:1706.02795* (2017).
- [11] Uri Shalit, Fredrik Johansson, and David Sontag. "Estimating individual treatment effect: generalization bounds and algorithms". In: *arXiv* preprint *arXiv*:1606.03976 (2016).
- [12] Casper Kaae Sønderby et al. "Ladder variational autoencoders". In: *Advances in neural information processing systems*. 2016, pp. 3738–3746.
- [13] What Is Deep Learning? How It Works, Techniques and Applications. URL: https://www.mathworks.com/discovery/deep-learning.html.