

ST413: Bayesian Statistics & Decision Theory with Advanced Topics

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1.

Anderson PE, Smith JQ. A graphical framework for representing the semantics of asymmetric models. 2005;University of Warwick, Centre for Research in Statistical Methodology Working papers Vol.2005 (No.12). <http://wrap.warwick.ac.uk/35587/>

2.

Bonet B. A Calculus for Causal Relevance. In: Proceedings of the Seventeen Conference on Uncertainty in Artificial Intelligence. Morgan Kaufmann; 2001:40-47.
<http://arxiv.org/abs/1301.2257?>

3.

Bonet B. Instrumentality Tests Revisited. In: Proceedings of the Seventeen Conference on Uncertainty in Artificial Intelligence. Morgan Kaufmann Publishers; 2001:48-54.
<http://arxiv.org/abs/1301.2258?>

4.

Capani A, Niesi G, Robbiano L. CoCoA 4. a system for doing Computations in Commutative Algebra. Published online 2000. <http://cocoa.dima.unige.it>

5.

Char BW. Maple V Library Reference Manual. Springer-Verlag; 1991.

6.

Gale WA, AT & T Bell Laboratories, Workshop on Artificial Intelligence and Statistics. Artificial Intelligence and Statistics. Addison-Wesley Pub. Co; 1986.

7.

Dawid AP. Causal Inference Without Counterfactuals. Journal of the American Statistical Association. 2000;95(450):407-424.
<http://0-www.jstor.org.pugwash.lib.warwick.ac.uk/stable/2669377>

8.

Dawid AP. Influence Diagrams for Causal Modelling and Inference. International Statistical Review / Revue Internationale de Statistique. 2002;70(2):161-189.
<http://0-www.jstor.org.pugwash.lib.warwick.ac.uk/stable/1403901>

9.

Cooper GF, Glymour CN, eds. Computation, Causation, and Discovery. The MIT Press; 1999.
<http://0-cognet.mit.edu.pugwash.lib.warwick.ac.uk/book/computation-causation-and-discovery>

10.

Barndorff-Nielsen OE, Cox DR, Klüppelberg C. Complex Stochastic Systems. Vol Monographs on statistics and applied probability. Chapman & Hall/CRC
<http://0-marc.crcnetbase.com.pugwash.lib.warwick.ac.uk/isbn/9781420035988>

11.

Cox DR, Klüppelberg C, Barndorff-Nielsen OE. Complex Stochastic Systems. Vol Monographs on statistics and applied probability. Chapman & Hall/CRC; 2001.

12.

Monroy R, Mexican International Conference on Artificial Intelligence. MICA 2004: Advances in Artificial Intelligence : Third Mexican International Conference on Artificial Intelligence, Mexico City, Mexico, April 26-30, 2004 : Proceedings. Vol 2972. Springer-Verlag <https://0-link-springer-com.pugwash.lib.warwick.ac.uk/10.1007/b96521>

13.

Monroy R, Mexican International Conference on Artificial Intelligence. MICAI 2004: Advances in Artificial Intelligence : Third Mexican International Conference on Artificial Intelligence, Mexico City, Mexico, April 26-30, 2004 : Proceedings. Vol 2972. Springer-Verlag <https://0-link-springer-com.pugwash.lib.warwick.ac.uk/10.1007/b96521>

14.

Mond D, Riccomagno E, Smith JQ. Algebraic causality : Bayes nets and beyond. 2007;Centre for Research in Statistical Methodology. Working papers, Vol.2007 (No.13). <http://wrap.warwick.ac.uk/35544>

15.

Pearl J. Comment: Graphical Models, Causality and Intervention. Statistical Science. 1993;8(3):266-269. <http://0-www.jstor.org.pugwash.lib.warwick.ac.uk/stable/2245965>

16.

Pearl J. Causal Diagrams for Empirical Research. Biometrika. 1995;82(4):669-688. <http://0-www.jstor.org.pugwash.lib.warwick.ac.uk/stable/2337329>

17.

Pearl J. Causality: Models, Reasoning, and Inference. Cambridge University Press; 2000.

18.

Proceedings of the 10th Conference on Information Processing and Management of Uncertainty in Knowledge-Based Systems. Università La Sapienza; 2004.

19.

Riccomagno E, Smith JQ. The causal manipulation and Bayesian estimation of chain event graphs. Published online 2005. <http://wrap.warwick.ac.uk/35590/>

20.

Pronzato L, Zhigljavsky A. Optimal Design and Related Areas in Optimization and Statistics. Vol Springer optimization and its applications. Springer; 2008.
http://0-link.springer.com.pugwash.lib.warwick.ac.uk/chapter/10.1007%2F978-0-387-79936-0_6

21.

Pearl J. Statistics and causal inference: A review. *Test*. 2003;12(2):281-345.
doi:10.1007/BF02595718

22.

Robins J. A new approach to causal inference in mortality studies with a sustained exposure period—application to control of the healthy worker survivor effect. *Mathematical Modelling*. 1986;7(9-12):1393-1512. doi:10.1016/0270-0255(86)90088-6

23.

Berkane M. Latent Variable Modeling and Applications to Causality. Vol 120. Springer
http://encore.lib.warwick.ac.uk/iii/encore/record/C__Rb3211176

24.

Scheines R, Spirtes P, Glymour C, Meek C, Richardson T. TETRAD 3: Tools for Causal Modeling. User's Manual. <http://www.phil.cmu.edu/tetrad/>

25.

Shafer G. The Art of Causal Conjecture. Vol Artificial intelligence. MIT Press; 1996.

26.

Spirtes P, Glymour CN, Scheines R. Causation, Prediction, and Search. Vol Adaptive computation and machine learning. 2nd ed. MIT Press; 2000.

27.

Spirtes P, Glymour CN, Scheines R. Causation, Prediction, and Search. Vol Adaptive computation and machine learning. 2nd edition. The MIT Press; 2000.
<http://0-cognet.mit.edu.pugwash.lib.warwick.ac.uk/book/causation-prediction-and-search>

28.

Studený M. Probabilistic Conditional Independence Structures. Vol Information science and statistics. Springer; 2005.
<http://0-link.springer.com.pugwash.lib.warwick.ac.uk/10.1007/b138557>

29.

Studený M. Probabilistic Conditional Independence Structures. Vol Information science and statistics. Springer; 2005.

30.

Smith JQ, Anderson PE. Conditional independence and chain event graphs. Artificial Intelligence. 2008;172(1):42-68. doi:10.1016/j.artint.2007.05.004

31.

Smith JQ. Bayesian Decision Analysis: Principles and Practice. Cambridge University Press; 2010. <http://0-dx.doi.org.pugwash.lib.warwick.ac.uk/10.1017/CBO9780511779237>

32.

Smith JQ. Bayesian Decision Analysis: Principles and Practice. Cambridge University Press; 2010.

33.

Information Processing and Management of Uncertainty Knowledge-Based Systems :
Proceedings = Traitment d'information et Gestion d'incertitudes Dans Les Systemes a
Base de Connaissances : Actes : July 2-7, 2006. EDK; 2006.

34.

Thwaites PA, Smith JQ. Evaluating Causal effects using Chain Event Graphs. In: The Third Workshop on Probabilistic Graphical Models. ; :291-300.
http://www.utia.cas.cz/files/mtr/pgm06/18_paper.pdf