

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. S. Francisco: : Morgan Kaufmann 2001. 40-7.<http://arxiv.org/abs/1301.2257?>

3

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

4

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

5

Char BW. Maple V library reference manual. New York: : Springer-Verlag 1991.

6

Gale WA, AT & T Bell Laboratories, Workshop on Artificial Intelligence and Statistics.
Artificial intelligence and statistics. Reading, Mass: : Addison-Wesley Pub. Co 1986.

7

Dawid AP. Causal Inference Without Counterfactuals. *Journal of the American Statistical Association* 2000;**95**:407-24.<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**:161-89.<http://0-www.jstor.org.pugwash.lib.warwick.ac.uk/stable/1403901>

9

Cooper GF, Glymour CN, editors. Computation, causation, and discovery. Cambridge, Massachusetts: : 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. Boca Raton: : 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. Boca Raton, Fla: : Chapman & Hall/CRC 2001.

12

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. Berlin: : 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. Berlin: : 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** :266-9.<http://0-www.jstor.org.pugwash.lib.warwick.ac.uk/stable/2245965>

16

Pearl J. Causal Diagrams for Empirical Research. Biometrika 1995;**82** :669-88.<http://0-www.jstor.org.pugwash.lib.warwick.ac.uk/stable/2337329>

17

Pearl J. Causality: models, reasoning, and inference. Cambridge: : 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 First: 2005.<http://wrap.warwick.ac.uk/35590/>

20

Pronzato L, Zhigljavskii A. Optimal design and related areas in optimization and statistics. New York: 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**: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**:1393–512. doi:10.1016/0270-0255(86)90088-6

23

Berkane M. Latent variable modeling and applications to causality. New York: Springer
http://encore.lib.warwick.ac.uk/iii/encore/record/C__Rb3211176

24

Scheines R, Spirtes P, Glymour C, et al. TETRAD 3: Tools for Causal Modeling. User's Manual. <http://www.phil.cmu.edu/tetrad/>

25

Shafer G. The art of causal conjecture. Cambridge, Mass: MIT Press 1996.

26

Spirtes P, Glymour CN, Scheines R. Causation, prediction, and search. 2nd ed. Cambridge, Mass: MIT Press 2000.

27

Spirites P, Glymour CN, Scheines R. Causation, prediction, and search. 2nd edition. Cambridge, Massachusetts: : 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. London: : Springer 2005.
<http://0-link.springer.com.pugwash.lib.warwick.ac.uk/10.1007/b138557>

29

Studený M. Probabilistic conditional independence structures. London: : Springer 2005.

30

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

31

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

33

Information processing and management of uncertainty knowledge-based systems : proceedings = Traitement d'information et gestion d'incertitudes dans les systemes a base

de connaissances : actes : July 2-7, 2006. Paris: : 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