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- Gurrin LC, Kurinczuk JJ, Burton PR, 2000. Bayesian statistics in medical research: an intuitive alternative to conventional data analysis. *J Eval Clin Pract* 6:193-204.
- Haran M, 2011. Gaussian random field models for spatial data. In: Brooks SP, Gelman A, Jones GL, Meng XL, eds. *Handbook of Markov Chain Monte Carlo*. CRC Press, Boca Raton, FL, USA, pp 449-78.
- IARC, 2014. *World cancer report 2014*. International Agency for Research on Cancer-World Health Organization, Geneva, Switzerland.
- Jaccard J, Becker MA, Wood G, 1984. Pairwise multiple comparison procedures: a review. *Psychol Bull* 96:589.
- Johnson GD, 2004. Small area mapping of prostate cancer incidence in New York State (USA) using fully Bayesian hierarchical modelling. *Int J Health Geogr* 3:29.
- Junaidi, Stojanovski E, Nur D, 2011. Prior sensitivity analysis for a hierarchical model. In: *Proceedings of the Fourth Annual ASEARC Conference, 17-18 February 2011, University of Western Sydney, Paramatta, Australia*.
- Kang SY, McGree J, Baade P, Mengersen K, 2014. An investigation of the impact of various geographical scales for the specification of spatial dependence. *J Appl Stat* 41:2515-38.
- Koch T, 2011. *Disease maps: epidemics on the ground*. University of Chicago Press, Chicago, USA.
- Kulldorff M, Song C, Gregorio D, Samociuk H, DeChello L, 2006. Cancer map patterns: are they random or not? *Am J Prev Med* 30:37-49.
- Lawson AB, 2001. *Statistical methods in spatial epidemiology*. Wiley, Chichester, UK.
- Lawson AB, 2009. *Bayesian disease mapping: hierarchical modeling in spatial epidemiology*. CRC Press, Boca Raton, FL, USA.
- Lawson AB, Biggeri AB, Böhning D, Lesaffre E, Viel J-F, Bertollini R, 1999. *Disease mapping and risk assessment for public health*. John Wiley & Sons, Chichester, UK.
- Lawson AB, Biggeri AB, Böhning D, Lesaffre E, Viel J-F, Clark A, Schlattmann P, Divino F, 2000. Disease mapping models: an empirical evaluation. *Stat Med* 19:2217-41.
- Lawson AB, Browne WJ, Rodeiro CV, 2003. *Disease mapping with WinBUGS and MLwiN*. Vol 11. John Wiley & Sons, Chichester, UK.
- Lawson AB, Williams FLR, 2001. *An introductory guide to disease mapping*. John Wiley & Sons, Chichester, UK.
- Lee D, 2011. A comparison of conditional autoregressive models used in Bayesian disease mapping. *Spat Spatiotemporal Epidemiol* 2:79-89.
- Li Y, Brown P, Gesink DC, Rue H, 2012a. Log Gaussian Cox processes and spatially aggregated disease incidence data. *Stat Methods Med Res* 21:479-507.
- Li Y, Brown P, Rue H, al Maini M, Fortin P, 2012b. Spatial modelling of lupus incidence over 40 years with changes in census areas. *J Roy Stat Soc C Appl Stat* 61:99-115.
- López-Abente G, Aragonés N, García-Pérez J, Fernández-Navarro P, 2014. Disease mapping and spatio-temporal analysis: importance of expected-case computation criteria. *Geospat Health* 9:27-35.
- Lunn D, Jackson C, Best N, Thomas A, Spiegelhalter D, 2012. *The BUGS book: a practical introduction to Bayesian analysis*. Chapman and Hall/CRC Press, Boca Raton, FL, USA.
- Lykou A, Ntzoufras I, 2011. WinBUGS: a tutorial. *Wiley Interdiscip Rev Comput Stat* 3:385-96.
- Marshall RJ, 1991. A review of methods for the statistical analysis of spatial patterns of disease. *J Roy Stat Soc A Sta* 154:421-41.
- Mason TJ, McKay FW, Hoover R, Blot WJ, Fraumeni JF, 1975. *Atlas of cancer mortality for U.S. counties: 1950-1969*. US Govt. Printing Office, Washington, DC, USA.
- McNamee R, 2005. Regression modelling and other methods to control confounding. *Occup Environ Med* 62:500-6.
- Mollié A, 1996. Bayesian mapping of disease. In: Gilks WR, Richardson S, Spiegelhalter DJ, eds. *Markov Chain Monte Carlo in practice*. Chapman & Hall, London, UK, pp 359-79.
- Ntzoufras I, 2009. *Bayesian modeling using WinBUGS*. John Wiley & Sons, Hoboken, NJ, USA.
- Paciorek CJ, 2013. Spatial models for point and areal data using Markov random fields on a fine grid. *Electron J Stat* 7:946-72.
- R Core Team, 2012. *R: a language and environment for statistical computing*. R Foundation for Statistical Computing, Vienna, Austria.
- Richardson S, Thomson A, Best N, Elliott P, 2004. Interpreting posterior relative risk estimates in disease-mapping studies. *Environ Health Persp* 112:1016.
- Rue H, Martino S, Chopin N, 2009. Approximate Bayesian inference for latent Gaussian models by using integrated nested Laplace approximations. *J Roy Stat Soc B Met* 71:319-92.
- Rue H, Martino S, Lindgren F, 2012. The R-INLA project. Available from: <http://www.r-inla.org>
- Rytkönen MJ, 2004. Not all maps are equal: GIS and spatial analysis in epidemiology. *Am J Circumpolar Health* 63:9-24.
- Schrödle B, Held L, 2011a. A primer on disease mapping and ecological regression using INLA. *Computation Stat* 26:241-58.
- Schrödle B, Held L, 2011b. Spatiotemporal disease mapping using INLA. *Environmetrics* 22:725-34.
- Shen W, Louis TA, 2000. Triple-goal estimates for disease mapping. *Stat Med* 19:2295-308.
- Spiegelhalter D, Thomas A, Best N, Lunn D, 2003. *WinBUGS user manual*. Available from: [www.mrc-bsu.cam.ac.uk/wp-content/uploads/manual14.pdf](http://www.mrc-bsu.cam.ac.uk/wp-content/uploads/manual14.pdf)
- Statewide Health Service Strategy and Planning Unit, 2014. *Cancer care services statewide health service strategy 2014*. Statewide Health Service Strategy and Planning Unit, Brisbane, Australia.
- Thomas DC, 2014. *Statistical methods in environmental epidemiology*. Oxford University Press, Oxford, UK.
- Torre LA, Bray F, Siegel RL, Ferlay J, Lortet-Tieulent J, Jemal A, 2015. *Global cancer statistics, 2012*. *CA: Cancer J Clin* 65:87-108.
- Wakefield J, 2007. Disease mapping and spatial regression with count data. *Biostatistics* 8:158-83.
- Wakefield JC, Best NG, Waller LA, 2000. Bayesian approaches to disease mapping. In: Elliot P, Wakefield JC, Best NG, Briggs DJ, eds. *Spatial epidemiology: methods and applications*. Oxford University Press, Oxford, UK, pp 104-27.
- Waller LA, Gotway CA, 2004. *Applied spatial statistics for public health data*. John Wiley & Sons, Hoboken, NJ, USA.
- Wang F, 2006. *Quantitative methods and applications in GIS*. CRC Press, Boca Raton, FL, USA.
- Wilkinson D, Cameron K, 2004. Cancer and cancer risk in South Australia: what evidence for a rural-urban health differential? *Aust J Rural Health* 12:61-6.
- Woods LM, Rachet B, Coleman MP, 2006. Origins of socio-economic inequalities in cancer survival: a review. *Ann Oncol* 17:5-19.
- Yu B, 2013. A class of transformation covariate regression models for estimating the excess hazard in relative survival analysis. *Am J Epidemiol* 177:708-17.