

BAYESIAN SPATIAL MODELING

This is a partial listing of Bayesian Spatial Modeling-related publications that appeared between 2000 and 2007.

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The publications are grouped by general themes (health; environment/natural resources; social sciences; economics/urban economics; methods). Note that publications can appear multiple times depending on substantive and methodological fit.

Health

Cancer

Liem, J. (2005). *Bayesian spatial model for estimating breast cancer mortality rates*. Unpublished Thesis, California State Polytechnic University, Pomona, Pomona.

Lope, V., Pollan, M., Perez-Gomez, B., Aragonés, N., Ramis, R., Gomez-Barroso, D., et al. (2006). Municipal mortality due to thyroid cancer in Spain. *BMC Public Health*, 6, 302.

Zadnik, V., & Reich, B. J. (2006). Analysis of the relationship between socioeconomic factors and stomach cancer incidence in Slovenia. *Neoplasma*, 53(2), 103-110.

Environmentally Induced Cancer

Lopez-Abente, G., Aragonés, N., Ramis, R., Hernandez-Barrera, V., Perez-Gomez, B., Escolar-Pujolar, A., et al. (2006). Municipal distribution of bladder cancer mortality in Spain: possible role of mining and industry. *BMC Public Health*, 6, 17.

Lopez-Abente, G., Hernandez-Barrera, V., Pollan, M., Aragonés, N., & Perez-Gomez, B. (2005). Municipal pleural cancer mortality in Spain. *Occup Environ Med*, 62(3), 195-199.

Vector Born Parasites/Infections

Raso, G., Vounatsou, P., Singer, B. H., N'Goran, E. K., & et al. (2006). An integrated approach for risk profiling and spatial prediction of *Schistosoma mansoni*-hookworm coinfection. *Proceedings of the National Academy of Sciences of the United States of America*, 103(18), 6934.

Genetics

Thomas, D. C., Stram, D. O., Conti, D., Molitor, J., & Marjoram, P. (2003). Bayesian Spatial Modeling of Haplotype Associations. *Human Heredity*, 56(1-3), 32.2003 S. Karger AG, Basel

Urban Planning and Community

Crime

Law, J., & Haining, R. (2004). A Bayesian approach to modeling binary data: The case of high-intensity crime areas. *Geographical Analysis*, 36(3), 197-216.

Environment and Land Use

Forestry

Finley, A. O. (2006). *Application of Bayesian spatial models in multi-source forest inventory*. Unpublished Dissertation, University of Minnesota.

General Methodology

Oleson, J. J. (2002). *Bayesian spatial models for small area estimation*. Unpublished Dissertation, University of Missouri-Columbia.