References

(1) Commission on Social Determinants of Health (CSDH). Closing the gap in a Generation. Health equity through action on social determinants of health. Geneva: World Health Organization, 2008.

(2) Diez Roux AV. Investigating neighborhood and area effects on health. Am J Public Health. 2001; 91(11):1783-9.

(3) Diez Roux AV. Invited commentary: places, people, and health. Am J Epidemiol. 2002;155(6):516-9.

(4) Benach J, Yasui Y. Geographical patterns of excess mortality in Spain explained by two indices of deprivation. J Epidemiol Community Health. 1999; 53(7):423-31.

(5) Benach J, Yasui Y, Borrell C, Sáez M, Pasarin MI. Material deprivation and leading causes of death by gender: evidence from a nationwide small area study. J Epidemiol Community Health. 2001; 55(4):239-45.

(6) Ocaña-Riola R, Saurina C, Fernández-Ajuria A, Lertxundi A, Sánchez-Cantalejo C, Saez M, Ruiz-Ramos M, Barceló MA, March JC, Martínez JM, Daponte A, Benach J. Area deprivation and mortality in the provincial capital cities of Andalusia and Catalonia (Spain). J Epidemiol Community Health. 2008; 62(2):147-52.

(7) Cano-Serral G, Azlor E, Rodríguez-Sanz M, Pasarín MI, Martínez JM, Puigpinós R, Muntaner C, Borrell C. Socioeconomic inequalities in mortality in Barcelona: a study based on census tracts (MEDEA Project). Health Place. 2009; 15(1):186-92.

(8) Elliott P, Cuzick J, English D, Stern R, eds. Geographical and Environmental Epidemiology. Oxford: Oxford University Press, 1992.

(9) Benach J. Social inequalities in mortality in small areas in Spain. PhD Dissertation. Baltimore: The Johns Hopkins University, US, 1997.

(10) Pickle LW, Mungiole M, Jones GK, White AA. Atlas of United States mortality. Hyattsville: National Center for Health Statistics, 1996.

(11) Shaw M, Thomas B, Davey Smith G, Dorling D. The Grim Reaper's road map: An atlas of mortality in Britain. Bristol: Policy Press, 2008.

(12) Benach J, Yasui Y, Borrell C, Rosa E, Pasarin MI, Benach N, Español E, Martínez JM, Daponte A. Atlas of mortality in small areas in Spain (1987-1995). Barcelona: UPF / MSD, 2001.

(13) López-Abente G, Ramis R, Pollán M, Aragonés N, Pérez-Gómez B, Gómez-Barroso D, Carrasco JM, Lope V, García-Pérez J, Boldo E, García-Mendizabal MJ. Atlas municipal de

mortalidad por cáncer en España 1989-1998. Madrid: Área de Epidemiología Ambiental y Cáncer del Centro Nacional de Epidemiología, ISCIII, 2007.

(14) Borrell C, Serral G, Martínez-Beneito MA, Marí-Dell'Olmo M, Rodríguez-Sanz M, y grupo MEDEA. Atlas de mortalidad en ciudades de España (1996-2003).

(15) Benach J, García MD, Donado-Campos J. GIS for Mapping Mortality Inequalities in Spain and its Socioeconomic Determinants. Constructing Regions using Small Areas. En: Proceedings of the International Symposium on Computer Mapping in Epidemiology and Environmental Health. 1995. Tampa, Florida (U.S.), 1997:314-22.

(16) Benavides FG, Bolumar F, Peris R. Quality of death certificates in Valencia, Spain. Am J Public Health. 1989; 79: 1352-4.

(17) Regidor E. La calidad de la causa básica de muerte del Boletín Estadístico de Defunción. España, 1985. Gaceta Sanitaria, 1993; 34: 12-20.

(18) Llácer A, Fernandez-Cuenca R, Martínez MV. Mortalidad en España 1998. Evolución en la década 1989-1998. Mortalidad general, principales causas de muerte y de años potenciales de vida perdidos. Boletín epidemiológico semanal. 2001. 9; 241-248.

(19) OPS/OMS. Clasificación Internacional de Enfermedades. 9ª revisión. Washington; 1975.

(20) OPS/OMS. Clasificación Internacional de Enfermedades. 10ª revisión. Washington; 1995.

(21) Clayton D, Kaldor J. Empirical bayes estimates of age-standardized relative risks for use in disease mapping. Biometrics 1987, 43: 671-681.

(22) Clayton D, Bernardinelli L. Bayesian methods for mapping disease risk. En: Elliott P, Cuzick J, English D, Stern R, eds. Geographical and environmental epidemiology: methods for small area studies. Oxford: Oxford University Press. 1992: 205-220.

(23) Bernardinelli L, Clayton D, Pascutto C, Montomoli C, Ghislandi M, Songini M. Bayesian analysis of space-time variation in disease risk. Statistics in Medicine 1995; 14: 2433-2443.

(24) Besag J, York J, Mollie A. Bayesian image restoration, with two applications in spatial statistics. Annals of the Institute of Statistical Mathematics 1991; 43: 1-59.

(25) Liang K-Y, Zeger SL. Longitudinal data analysis using generalized linear models. Biometrika 1986; 73: 13-22.

(26) Feinteib M. The use of Computer Mapping in monitoring the Nation's Health. Proceedings of the International Symposium on Computer Mapping in Epidemiology and Enviromental Health. Tampa (Florida). World Computer Graphics Foundation and the University of South Florida. 1997: 1-3.

(27) Pickle LW, Hermann D, Mungiole M, White AA. Design of the new US Mortality Atlas. Proceedings of the International Symposium on Computer Mapping in Epidemiology and

Enviromental Health. Tampa (Florida). World Computer Graphics Foundation and the University of South Florida. 1997: 4-9.

(28) Benach J, Martinez JM, Yasui Y, Borrell C, Pasarin MI, Español E, Benach N. Atlas of mortality in small areas in Catalonia (1984-1998). Barcelona: UPF / Fundació Jaume Bofill, 2004.

(29) Walter SD. Disease mapping: a historical perspective. En: Elliott P, Wakefield JC, Best NG, Briggs DJ, eds. Spatial epidemiology. Methods and Applications, Oxford: Oxford University Press, 2000: 223-39.

(30) Pickle LW, Mungiole M, Jones GK, White AA. Exploring Spatial patterns of mortality: The new Atlas of United States mortality. Statistics in Medicine 1999; 18: 3211-3220.

(31) Brewer CA, MacEachren AM, Pickle LW. Evaluation of Map color schemes for the NCHS Mortality Atlas. In: Proceedings of the International Symposium on Computer Mapping in Epidemiology and Environmental Health. Tampa (Florida), 1995. World Computer Graphics Foundation and the University of South Florida, 1997: 14-20.

(32) Pickle LW, Mungiole M, Jones GK, White AA. Statistical analysis and graphical design for the new U.S. Mortality Atlas. Proceedings of the Biometrics Section, 1995. Annual meeting of the American Statistical Association, Orlando, FL, 1996: 473-8.

(33) Pickle LW, Mungiole M, Jones GK, White AA. Atlas of United States mortality. Hyattsville: National Center for Health Statistics, 1996.

(34) Townsend P, Philimore P, Beattie A. Health and deprivation. Inequality and the North. London: Routledge, 1988.

(35) Carstairs V, Morris R. Deprivation and health in Scotland. Aberdeen: Aberdeen University Press, 1991.

(36) Reading RF, Openshaw S, Jarvis SN. Measuring child health inequalities using aggregations of Enumeration Districts. Journal of Public Health Medicine 1990; 12:160-167.

(37) Haining R, Wise S, Blake M. Constructing regions for small area analysis: material deprivation and colorectal cancer. Journal of Public Health 1994; 16:429-438.

(38) Banesto (Banco Español de Crédito). Anuario del Mercado español. Madrid: Banesto, 1993.

(39) Procedure NLMIXED, SAS@ version 8. SAS/STAT User's Guide. SAS Institute Inc., Cary NC 1999.

(40) Pinheiro JC, Bastes DM. Approximations to the Log-likelihood Function in the Nonlinear Mixed-effects Model. Journal of computational and Graphical Statistics 1995, 4, 12-35.

(41) Booth JG, Hobert JP. Standard errors of Prediction in Generalized Linear Mixed Models. Journal of the American Statistical Association 1998, 93, 262-272.

(42) Mollie A. Bayesian mapping of disease. En: Gilks WR, Richardson S, Spiegelhalter DJ (eds). Markov Chain Monte Carlo in Practice.Nueva York: Chapman & Hall, 1996.

(43) Barceló MA, Saez M, Cano-Serral G, Martínez-Beneito MA, Martínez JM, Borrell C et al. Métodos para la suavización de indicadores de mortalidad: Aplicación al análisis de desigualdades en mortalidad en ciudades del Estado Español (Proyecto MEDEA). Gac Sanit. 2008 Nov-Dec; 22(6):596-608.

(44) Gelman A, Carlin J, Stern H, Rubin D. Bayesian Data Analysis. 2nd Ed. Canada: Chapman & Hall/CRC; 2004.