



Small-sample treatment of disease incidence rates in a Bayesian framework

E. Quentin (1), A.A. Carsteau (2), and C. Díaz Delgado (1)

(1) Centro Interamericano de Recursos del Agua, Universidad Autónoma del Estado de México, Toluca, México, (2) CINVESTAV, IPN, D.F., México

Bayesian techniques have been applied in various studies in order to obtain reasonable small-sample results in disease mapping. This work presents improved results in smoothing the mapping within a geomatic module and an example of its functionality using water-related diseases in Mexico is offered.