

Some Statistical Issues in Evaluating Hospital Utilization: Lifetime Data Analysis and Beyond

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Administrative health care databases provide person-based health information. They can be used to assess the health care utilization of a particular patient population and to identify risk factors and evaluate their effects. I will talk about our recent work in analyzing hospitalization records from administrative databases. We explore different formulations and consider the associated statistical issues. Data of childhood cancer survivors from Health Insurance BC (MSP) are used for illustration. This is a joint work with M. Lorenzi, J. Spinelli and C. Ying.

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