Study: Assessing the impact of potentially influential observations in weighted logistic regression

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The study "Assessing the impact of potentially influential observations in weighted logistic regression" is now available.

This study uses complex survey data to examine how influential observations in logistic regression can have a notable effect on certain aspects of the model fit. The study describes a straightforward algorithm for examining potentially influential observations in complex survey data using SAS software.

The algorithm is then applied to 2005 Canadian Community Health Survey data to identify and examine factors associated with adolescents' use of family physician services.

Definitions, data sources and methods: survey number 3226.

The study "Assessing the impact of potentially influential observations in weighted logistic regression" is now available as part of *The Research Data Centres Information and Technical Bulletin* (**12-002-X**) from the *Browse by key resource* module of our website under *Publications*.

For more information, or to enquire about the concepts, methods or data quality of this release, contact us (toll-free 1-800-263-1136; 514-283-8300; **infostats@statcan.gc.ca**) or Media Relations (613-951-4636; **mediahotline@statcan.gc.ca**).