

Abstracts

Statistical Methods and Maori Research

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I believe that Maori research can benefit immensely through the incorporation of a fuller range of appropriate quantitative methods to enhance the general qualitative approach to research problems adopted in this field. In the first part of this paper I outlined some of the strategies used in investigating problems relating to Maori language and cultural issues and suggested ways of applying statistical methods (where possible) to augment the analyses of the available data. In the second part of the paper I discussed a particular piece of research that I am currently involved in which looks at attitudes of bilingual speakers to spoken Maori. I attempted to demonstrate how the use of *factor analysis* and *bi-plot graphs* provide an interesting way of summarising and viewing the data which would not be possible without the use of these statistical techniques.

Maori View of Statistics - New Roles for Teachers of Statistics

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The institutional statistics for Maori today presents a somewhat dismal picture. It is argued that in large part this is due to the obscuration of the history (and statistics) of Maori communities since early European contact. Some of this history was outlined.

Also, the use of computers (which are a well-known statistical tool) in the newly-forming Iwi Authorities was touched on.