Understanding Information Communication in Word of Mouth Behaviours

Submitted by:
Luke Greenacre

Principal Supervisor:
Professor Jordan Louviere

Alternate Supervisor:
Dr David Goldbaum

Examined: 12 November 2010
Submitted: 21 February 2011

This thesis is submitted in fulfilment of the requirements of the degree of Doctor of Philosophy (Marketing) in the School of Marketing, Faculty of Business at the University of Technology Sydney, Australia.
CERTIFICATE OF AUTHORSHIP/ORIGINALITY

I certify that the work in this thesis has not previously been submitted for a degree nor has it been submitted as part of requirements for a degree except as fully acknowledged within the text.

I also certify that the thesis has been written by me. Any help that I have received in my research work and the preparation of the thesis itself has been acknowledged. In addition, I certify that all information sources and literature used are indicated in the thesis.

Signature of Student
Abstract

Word of Mouth (hereafter, ‘WOM’) communication is one of the most pervasive and influential mediums consumers use to learn about products and services in markets (Alexandrov & Sherrell, 2006; Balter, 2008; Cotte, Coulter, & Moore, 2005; Grewal, Gotlieb, & Marmorstein, 1994; Whyte, 1954). Despite this acknowledgement little is known about the nature of the information that is typically communicated by WOM (Frenzen & Nakamoto, 1993). This research aims to provide this insight by examining a sender’s decision to communicate by WOM.

Drawing on Random Utility Theory, a general model of WOM communication is proposed (Brown & Reingen, 1987; Louviere, Hensher, & Swait, 2000; Roloff, 1981; Thurstone, 1927). This model emphasises the sender of information as the controller of the flow of information in WOM networks. It accommodates the influence of context and the resulting motivations on the sender’s choice of communication behaviour. At the heart of this model is the idea that a sender will choose to pursue rewards from a WOM exchange, thereby motivating them to participate. They will then choose behaviour that maximises the probability of obtaining these rewards. This allows the linking of the literature regarding motivation and behaviour in WOM communication.

This model was proposed within a choice based experimental framework. The advantage of using such a framework is that it allows precise measurement of individual level behaviours. The outputs of the models from this are also the probabilities of specific communication behaviours. These outputs are able to be used as inputs in systems and network based models of aggregate level WOM phenomenon. This offers one of the first methodological approaches to link the individual and aggregate level aspects of the WOM literature.
To test the robustness of this model two particular classes of WOM are considered: assisting and covering. Assisting refers to the typical form of WOM in which a sender will offer genuine assistance to the receiver to help them make the ‘best’ decision given their preferences. Covering refers to a less typical form of WOM in which a sender wishes to appear to be offering help but in fact is attempting to be as obstructive as possible. These two classes of WOM offer a strong test of this new model.

The results of this research indicate that there is strong support for the underlying model used to link WOM context, sender motivation and sender behaviour. The estimation approach using Individual level scale adjusted Feasible Generalised Least Squares (FGLS) regression offered choice predictions that correlated 0.79 with the observed choice probabilities. The specific results regarding assisting and covering type WOM also provide new insight into these WOM forms.

It is found that a sender generally provides helpful information when assisting. This is achieved by providing information about relatively important product features, by confirming a receiver’s existing knowledge to make them more certain in their beliefs, by expressing the facts in the information with certainty, and by using language that is unambiguous, i.e. terminology consistent with previous communications. Each of these types of information would allow the receiver to improve the quality of their decisions. One exception can be noted; the sender also chooses to communicate information of lower economic value even when assisting. More recent research into interpersonal communication suggests that this may be a manifestation of risk averse behaviour, whereby a sender does not wish to be responsible if a receiver suffers losses as a result of a decision (Young, Donald, Freeman, & Benn, 2008).

With regard to covering type WOM it is found that senders exhibit largely the same behaviour as when assisting with two critical exceptions. These are choosing to
communicate information in an uncertain manner, and using marginally more ambiguous language, that is, language using terminology less consistent with prior communications. The effect of both of these would be a dramatic reduction in the usefulness of the information for the receiver; however, the remaining similarity to assisting type WOM prevents the receiver from detecting this covert action.

Results from this research offer new insights into how consumers use WOM communication each day. Furthermore, a number of additional gender specific insights are obtained offering even greater detail regarding how individuals choose to communicate by WOM.
Acknowledgements

This PhD experience has had its trials and also moments of wonder. It has helped me to discover things about myself and the world that I don’t think I could have learned any other way.

I would like thank my supervisors Jordan Louviere and David Goldbaum for their wonderful help throughout. I cannot express my gratitude enough. Without their guidance I would have been lost, and without the standards they set I would not have been able to achieve half of what I have. From them I have learned to always think about where my research is leading and what future it holds. They helped to build a sense of wonder of research that will never leave.

I would also like to thank two rather important people from way back when who were critical to me being where I am today. They are Lyndsay Carruthers and Sara Denize. I can safely attribute my love of questioning to Lyndsay. I think she unknowingly put me on the path to where I am now. Sara was, and still is, another such person. She opened up the world of research to me as an undergraduate, and since then I have never looked back. It was Sara that first taught me the joys of research.

To everyone in the School of Marketing and the Centre for the Study of Choice I want to thank you for your advice and support. You have helped smooth out the bumps more times than I can count. Many disasters have been averted thanks to your efforts. A special thanks to Maria Lambides and Lynne Freeman for their advice, Jane Pong for her editing work, and Bart Frischknecht and Christine Ebling for their advice about my modelling.

To my family and friends, I can only say thank you for your patience and love throughout this whole experience. You have stuck with me through every high and
low, without you there backing me up I would have stumbled many times. I love you all.

This has been an exciting adventure. I can’t wait for the next...
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