The impact of open-ended questions: A Multivariate Study of Respondent Engagement

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"It's the length, stupid!"

Kees de Jong Research World, June 2010

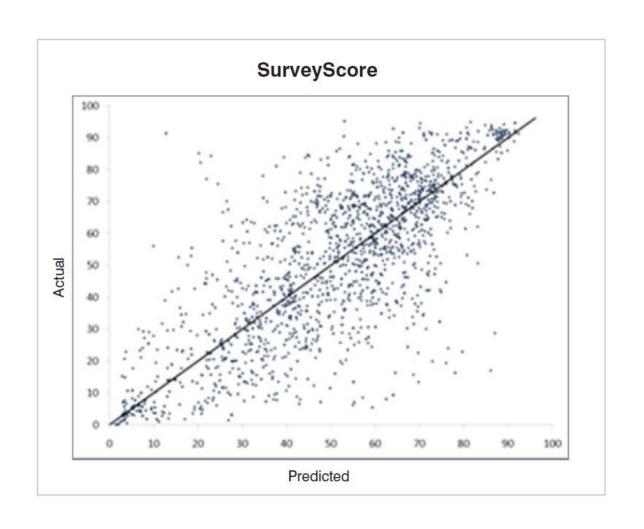
Can anything be that simple?

If it is then creating a predictive model of engagement should be an easy task.

"There is no silver bullet.": Market Tools "Survey Score"

- A study of over a thousand studies.
- All from one panel source.
- "...survey design directly influences respondent....
 engagement, in a consistent way."
- "...survey length proved to be generally predictive of most respondent engagement measures, there was wide variation in the design variables that were most influential in driving various measures of engagement."

Does it work?



Methods

- 1010 surveys consisting of >100 respondents.
- Excluding mall, B2B and physician studies.
- Multiple (20) panels, topics, and screening methods.
- A large number of questionnaire design variables.
- Four (total and partial straight lining, speeding, break offs) engagement variables.
- A large number of product/service categories.

Definitions

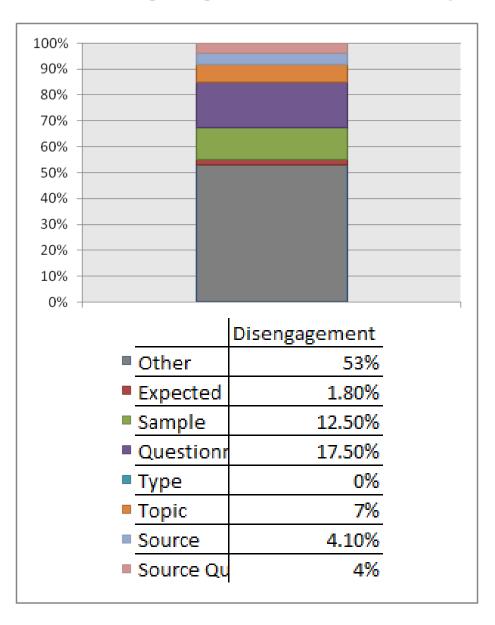
Disengagement – break-offs, straight-liners, and speeders within a given survey.

Straight Lining – similar answers across multiple items within grid questions (<1 Standard Deviation of variance).

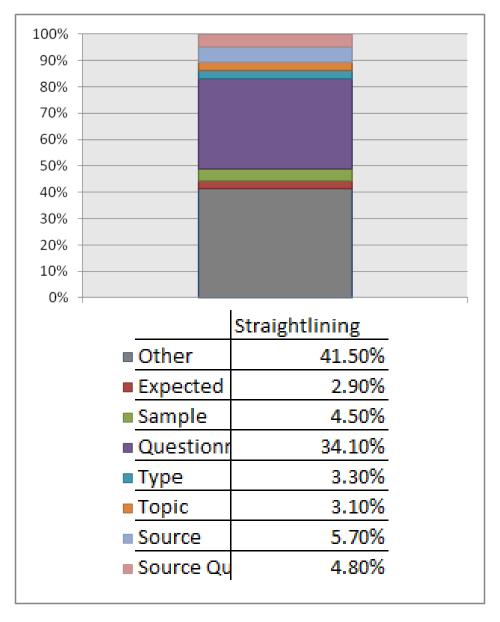
Sample and Demography –sample characteristics, screening methods, and topic.

Questionnaire structure— length and % proportions of different types of questions (factual vs. opinion, single punch, etc.).

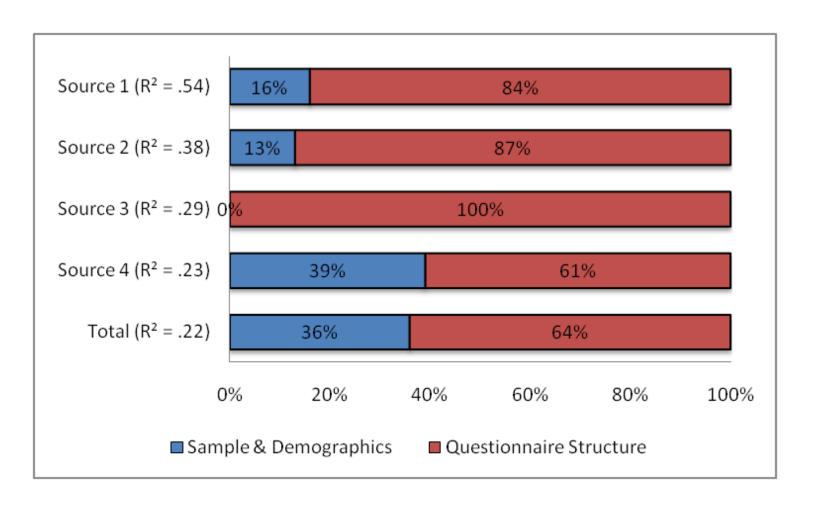
% of Disengagement Explained



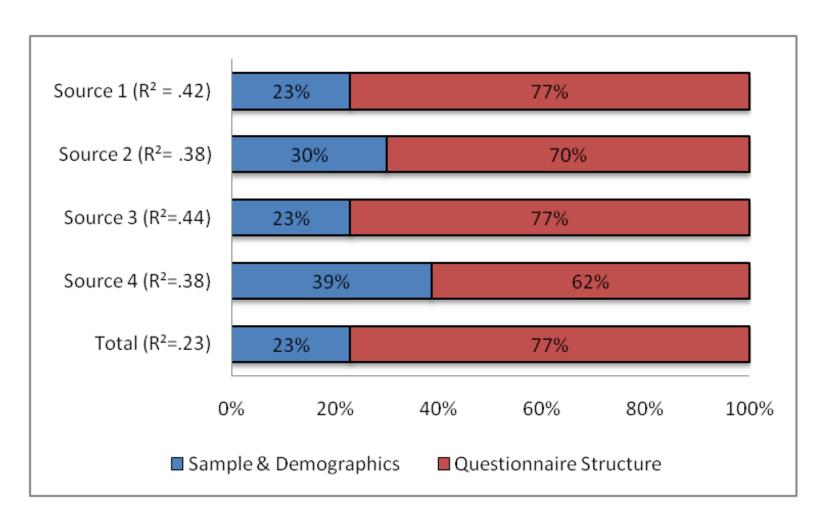
% of Straight-lining Explained



% of Disengagement Explained Within Sources



% of Straight-lining Explained Within Sources



Regression Model - Disengagement

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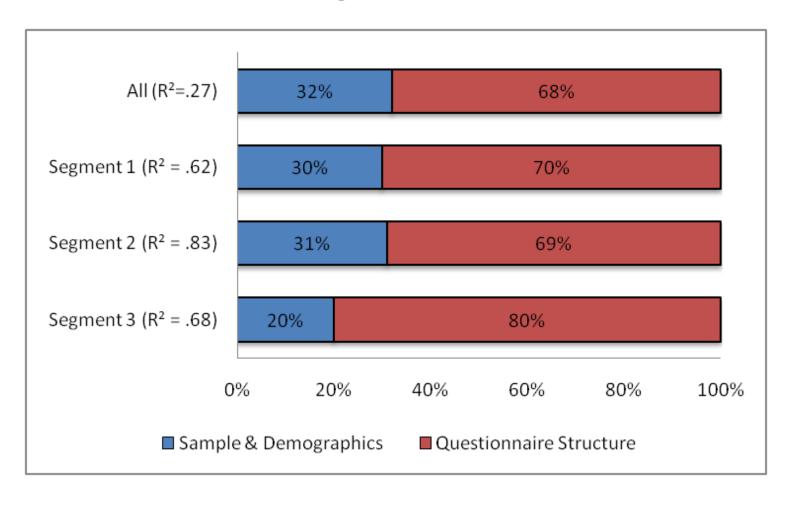
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Regression Model - Straight-lining

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% of Incidence Explained – Clustered Regression

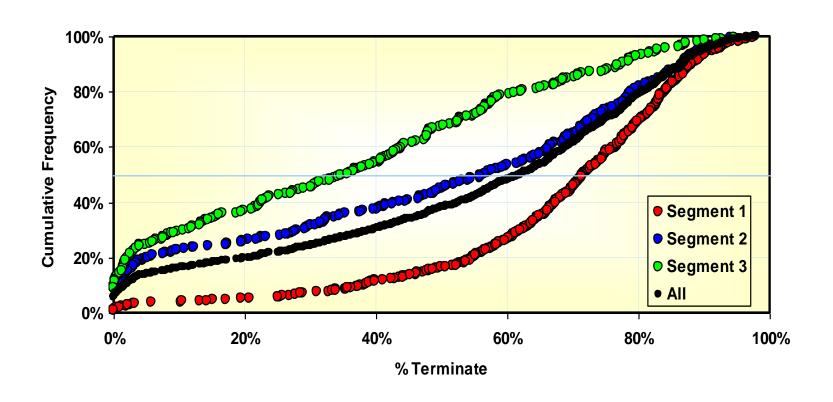


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Clustered Regression Model - Breakoffs

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Clustered Regression Analysis - % Terminated



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Regression Model – Disengagement by Incidence

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Conclusions

- 1. Driver's of engagement are complex.
- Sourcing seems to have a strong influence: differences between sources are small but the driver's are different.
- 3. Length appears to be a good predictor but only within sources: it becomes inconsistent across sources.
- 4. Subject affinity appears to diminish disengagement.
- Incidence may correlate with subject affinity by aggregating groups of similar demography or product interest.
- 6. Segments created through cluster regression show differences in their incidence profiles and the driver's of disengagement.
- There is no silver bullet.

Questions?

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