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Does eco certification sell tourism services? Evidence from a quasi-experimental observation study in Iceland

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Pages 694-714 | Received 22 Jul 2014, Accepted 25 Aug 2015, Published online: 11 Nov 2015

 Cite this article

 <https://doi.org/10.1080/09669582.2015.1088859>



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Abstract

Eco labelling of tourism services has been studied extensively in the past. Yet, there is no agreement on two key points: (1) whether or not eco certification increases tourist demand for a product among the general tourist population, and (2) whether or not there is a specific market segment whose purchase decisions are influenced by eco labels. Lack of agreement is partially due to the wide variety of different research approaches used. Most studies have in common, however, that they rely solely on tourist self reports of either behavioural intentions or past behaviour. The present study re-investigates these two questions using a quasi-experimental design based on actual observed behaviour and objective knowledge testing. Results indicate that (1) eco labelling does not have a big impact on general tourist demand, but (2) a niche market exists which is influenced by eco labelling when choosing among alternative tourist

providers. The research design used in the present study offers a useful alternative for investigations of tourist purchase decisions. It leads to more reliable results because it is based on the observation of actual displayed behaviour, thus avoiding a range of answer biases. Other eco-certified products now need research on similar lines.

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Keywords:

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graph TD
    A[eco certification] --> F[tourist behaviour]
    B[eco label] --> F
    C[whale watching] --> F
    D[quasi-experiment] --> F
    E[intention-behaviour gap] --> F
  
```

eco certification

eco label

whale watching

quasi-experiment

intention-behaviour gap

tourist behaviour

111

| Age Group | Number of People |
|-----------|------------------|
| 0-10 | 10 |
| 11-20 | 15 |
| 21-30 | 15 |
| 31-40 | 10 |
| 41-50 | 20 |
| 51-60 | 15 |

Acknowledgements

We thank Perla Gronvold for assisting with data collection and Emil Juvan for his feedback on previous versions of the survey used in this study. We also thank Homa Hajibaba and Kylie Brosnan for feedback on previous versions of the manuscript. Early work on this paper was undertaken during the first author's affiliation with the University of Wollongong, Australia.

Disclosure statement

The research assistant in this project, Perla Gronvold, is related to the first author.

Additional information

Funding

This research was financially supported by the Australian Research Council (ARC) through Discovery Grant DP110101347.

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Sara Dolnicar

Sara Dolnicar is a research professor of tourism at The University of Queensland. She holds degrees in business administration and psychology. Sara's research interests are the improvement of market segmentation methodology and measures used in social science research. She applies her work primarily to tourism, but also social marketing challenges, such as environmental volunteering, foster care and public acceptance of recycled water. Sara is an ARC Queen Elizabeth Fellow and an elected fellow of the International Academy for the Study of Tourism and the International Association of Scientific Experts in Tourism (AIEST).

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