



Comparing two image research instruments: The Q-sort method versus the Likert attitude questionnaire

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ABSTRACT

Despite the attention for corporate, brand and product images, only few studies focus on methodological comparisons of image research methods. This article presents a comparison of two current instruments: the Q-sort method and a Likert attitude questionnaire. The study applies both methods to measure the image of beef, using the same assertions in similar samples of consumers. The two methods produce consistent results, but differ in the possibilities of data analysis and interpretation. An advantage of the Q-sort method is that it offers straightforward insights in the underlying structure of image within audience segments. On the other hand, the Q-sort method does not give overall indications of an image, and limits occur for analyzing the relationships between image and other variables.

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1. Introduction

With the rise of image as an object of communication and marketing research, many different instruments have been developed to measure corporate, brand and product image among stakeholder groups. Most of these instruments stem from psychological research traditions. The diversity of research approaches available reflects the ambiguity of the image concept itself, which has been defined in many different ways (Christensen & Askegaard, 2001; DeFleur & Westie, 1963; Poiesz, 1989). There is no universally accepted image definition, and the more recent introduction of the equally intangible and strongly related concept of reputation only seems to add to the confusion.

Poiesz (1989) categorizes the various image definitions by placing them on a consumer elaboration continuum. He thus distinguished three views on image, which can be easily connected with possible research approaches. In the case of *high elaboration*, an image represents a complex network of meanings stored in memory. This implies that the measurement of an image must aim at revealing and exploring associations people have with the image object, which calls for qualitative and open methods like the Kelly repertory grid or laddering. In the case of *medium elaboration*, an image is a theoretical and operational equivalent of an

attitude: it is the overall evaluation of an artifact based on salient beliefs held by consumers. Consequently, the measurement of image resembles attitude scales, involving the evaluation and weighting of beliefs. In the case of *low elaboration*, an image is merely a holistic impression of the relative position of an object among its perceived competitors. Measurement must then focus on differences and similarities between image objects, using multi-dimensional scaling.

This classification offers a fruitful basis for comparing image research instruments. Within each particular image definition, researchers have several methods at their disposal to measure image. A relevant research question is whether or not competing research methods are equally suitable for measuring image and whether they produce similar results. So far, only few researchers respond to this challenge (Van Riel, Stroecker, & Maathuis, 1998).

This article focuses on the measurement of image in the case of medium elaboration. Image is supposed to be the equivalent of an attitude: image is an overall evaluation that is a consequence of a series of beliefs and importance weightings. Two competing methods that are potentially useful in this context are Likert attitude questionnaires and the Q-sort method. Both methods can be used to measure attitudes and both present the respondents with a predetermined set of items (beliefs), which must be judged on an x-point scale, so that respondents must make trade-offs between scale positions.

Our study investigates the suitability of the two methods for product image research. First, the rationale of the two methods is discussed. After that, the possibilities of the methods are analyzed

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