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Veröffentlichungsversion / Published Version  
Zeitschriftenartikel / journal article

### Empfohlene Zitierung / Suggested Citation:

Prayag, G., Hosany, S., Muskat, B., & Del Chiappa, G. (2017). Understanding the relationships between tourists' emotional experiences, perceived overall image, satisfaction, and intention to recommend. *Journal of Travel Research*, 56(1), 41-54. <https://doi.org/10.1177/0047287515620567>

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# Understanding the Relationships between Tourists' Emotional Experiences, Perceived Overall Image, Satisfaction, and Intention to Recommend

## *Reference*

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DOI: 10.1177/0047287515620567.*

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## **Abstract**

The purpose of this study is to empirically test an integrative model linking tourists' emotional experiences, perceived overall image, satisfaction, and intention to recommend. The model was tested using data collected from domestic tourists visiting Sardinia, Italy. Results show that tourists' emotional experiences act as antecedents of perceived overall image and satisfaction evaluations. In addition, overall image has a positive influence on tourist satisfaction and intention to recommend. The study expands current theorizations by examining the merits of emotions in tourist behavior models. From a practical perspective, the study offers important implications for destination marketers.

**Keywords:** tourists' emotions, tourists' experiences, perceived overall image, satisfaction, behavioral intentions

## Introduction

Modeling antecedents of destination image (Baloglu and McCleary 1999), tourist satisfaction (del Bosque and San Martin 2008; Engeset and Elvekrok 2015) and behavioral intentions ([Baker and Crompton 2000](#); [Huang, Weiler, and Assaker 2015](#)) remains a widespread research agenda in tourism. In recent years, scholars such as Chen and [Phou \(2013\)](#), [Elliot, Papadopoulos, and Kim \(2011\)](#) and [Zhang et al. \(2014\)](#) have called for research on developing and testing ‘global’ or ‘integrative’ models. Specifically, when modeling the antecedents of tourist satisfaction and loyalty, there is a need to include tourists’ emotional experiences (del Bosque and San Martin 2008; [Prayag, Hosany, and Odeh 2013](#)). Emotions are ubiquitous in tourism ([Aho 2001](#)), play a central role in defining memorable experiences (Tung and Ritchie 2011), and are the most relevant component of affect to the travel industry (Mitas et al. 2012). Emotions influence various stages of the tourist experience (Bigné, Andreu, and Gnoth 2005; [Ene and Schofield 2011](#); [Prayag, Hosany, and Odeh 2013](#)). At the pre-travel stage, emotions play a fundamental role in tourist motivation (Gnoth 1997; Goossens 2000) and destination choice processes ([Chuang 2007](#)). During the trip, emotions can vary in intensity on a day-to-day basis ([Nawijn et al. 2013](#)). At the post-consumption stage, emotions influence satisfaction (del [Bosque and San Martin 2008](#); [Faullant, Matzler, and Mooradian 2011](#)), destination attachment (Yuksel, Yuksel, and Bilim 2010), and loyalty (Bigné, Andreu, and Gnoth 2005; Yuksel and Yuksel 2007).

Although tourism research acknowledges the importance of studying emotions ([Hosany and Gilbert 2010](#); [Lee 2014](#); [Nawijn et al. 2013](#)), prior research fails to simultaneously examine the relationship between emotional responses, destination image, satisfaction and behavioral

intentions. Existing studies can be classified in two categories. The first category (e.g. Assaker and Hallak 2013; Bigné, Sanchez, and Sanchez 2001; Castro, Armario, and Ruiz 2007; Chen and Phou 2013; Chen and Tsai 2007; Chi and Qu 2008; Hallmann, Zehrer, and Müller 2015; Lee, Lee, and Lee 2014; Qu, Kim, and Im 2011) models destination image as either a direct or indirect antecedent of satisfaction and/or behavioral intentions but omit emotions in their conceptual framework. The second research stream (Bigné, Andreu, and Gnoth 2005; Grappi and Montanari 2011; Lee 2014; Lee et al. 2008; Prayag, Hosany, and Odeh 2013; Yuksel and Yuksel 2007) theorizes the interrelationships between emotions, satisfaction and/or behavioral intentions/loyalty but fails to include destination image in their conceptualization.

Integrating the effects of emotions on post-consumption behaviors is an important development in consumer and tourism research (Bagozzi, Gopinath, and Nyer 1999; Gnoth, 1997; Mano and Oliver, 1993). The purpose of this study is to empirically test a conceptual model linking tourists' emotional experiences, overall image, satisfaction and intention to recommend. The tourism experience is an extended service transaction in which consumption of the destination entails a sequence of episodes. While emotions are experienced at specific points or episodes along the service process (in-process emotions), in this study, tourists' emotional responses were assessed in terms of a holistic post-consumption experience. The proposed framework (Fig. 1) draws on existing theorizations from various disciplines such as environmental psychology (e.g. Farber and Hall 2007), mainstream psychology (e.g. Izard 1977; Lerner and Keltner 2000; Plutchik, 1980), marketing (e.g. Machleit and Eroglu 2000) and tourism (e.g. Faullant, Matzler, and Mooradian 2011). The model shows that tourists' emotional experiences (joy, love and positive surprise) influence their overall image perception. In addition, assessment of overall image has an effect on satisfaction and intention to recommend. The contribution of this research is two-fold. First, this

research responds to recent call for tourism researchers (e.g. del Bosque and San Martin 2008; Chen and Phou 2013) to develop integrative models. More specifically, this study expands current theorizations by examining the merits of including emotions in tourist behavior frameworks. Research in marketing (Allen, Machleit, and Kleine 1992; Nyer 1997; Yu and Dean 2001) demonstrates the predictive power of emotions in consumer models. For example, Nyer (1997) establishes that emotions add significantly to the predictive power offered by satisfaction in modeling post-consumption behaviors such as word-of-mouth intentions. Allen, Machleit, and Kleine (1992) show emotions serve as incremental predictors, beyond attitudes, of behavior.

Second, unlike research in marketing, it is common for tourism studies (e.g. del Bosque and San Martin 2008; Grappi and Montanari 2011; Lee et al. 2008; Zins 2002) to aggregate emotions into summary dimensions. While this approach is useful, studying the role of specific emotions in shaping tourists' experiences is important to both academics and marketers. Hence, this study focuses on measuring emotions at the specificity level, an underdeveloped area of research in tourism (Faillant, Matzler, and Mooradian 2011). In particular, this study adopts Hosany and Gilbert's (2010) conceptualization, representing tourists' emotional experiences in terms of three distinct dimensions: joy, love and positive surprise. The three dimensions are also common in recent tourism research in the context of festivals (Lee 2014; Lee and Kyle 2013). Examining a few global dimensions (e.g., positive and negative) oversimplifies the emotional experience's complexity (Bagozzi et al., 2000; Rucker and Petty, 2004). For example, Machleit and Eroglu (2000) note combining emotional responses into summary dimensions hide relationships between specific emotions and satisfaction. To benefit theory development and measurement, it is important to understand the behavioral consequences of discrete emotions (Bagozzi et al. 2000; Soscia 2007; Zeelenberg and Pieters 2004). Identifying relationships

between specific emotions and outcome variables (such as satisfaction and image) are also of managerial significance in designing and enhancing tourism experiences.

[PLEASE INSERT FIGURE 1 HERE]

## **Conceptual Background and Hypotheses Development**

### *Tourists' Emotional Responses*

Emotions are affective states characterized by episodes of intense feelings associated with a specific referent (such as a person, an object, or an event) and instigate specific response behaviors ([Cohen and Areni 1991](#)). The psychology literature offers two major theoretical approaches to study emotions: dimensional (valence based) and categorical (emotion specificity). Dimensional approaches conceptualize emotions using few dimensions such as positive and negative ([Watson, Clark, and Tellegen 1988](#)), or pleasure and arousal (Russell 1980; Walsh et al. 2011). Under the dimensional approach, there is no distinction between specific positive (e.g. joy, happiness and excitement) and negative (e.g. fear, regret and disappointment) emotions. Categorical approaches conceptualize emotions as a set of idiosyncratic affective states (e.g. joy, anger, sadness, surprise) (see Izard 1977; Plutchik 1980). Emotions of the same valence have different effects on outcome variables such as judgment (Lerner and Keltner 2000), decision-making ([Raghunathan and Pham 1999](#)), satisfaction ([Machleit and Eroglu 2000](#)) and behavioral intentions (Soscia 2007; Zeelenberg and Pieters 2004). Measurement of emotions in tourism has favored the valence-based approach. Summary dimensions such as positive and negative emotions (del Bosque and San Martin 2008; Grappi and Montanari 2011; Lee et al. 2008) or

pleasure and arousal (Bigné, Andreu, and Gnoth 2005; Yuksel 2007; Yuksel and Yuksel 2007) are common.

Prior studies in tourism focus on emotional experiences associated with festivals (Grappi and Montanari 2011; Lee 2014; Lee and Kyle 2013; Lee et al. 2008), shopping (Yuksel 2007; Yuksel and Yuksel 2007), restaurants (e.g., [Han and Jeong 2013](#); [Ladhari 2009](#)), theme parks (Bigné, Andreu, and Gnoth 2005), holidays ([Hosany and Prayag 2013](#); [Lin et al. 2014](#); [Mitas et al. 2012](#); [Nawijn, et al. 2013](#)), heritage sites ([Prayag, Hosany, and Odeh 2013](#)), and adventure tourism ([Faullant, Matzler, and Mooradian 2011](#)). Overall, these studies show that: i) types (positive or negative) and intensity of emotions differ across products and stages of the travel; ii) positive emotions are more pervasive in tourists recalled experiences; and iii) emotions are important precursors to satisfactory tourist experiences and/or behavioral intentions.

Research in tourism often borrows psychology-based self-report emotion measures. Four commonly adapted scales include Plutchik's (1980) eight primary emotions, Izard's (1977) Differential Emotion Scale, Mehrabian and Russell's (1974) Pleasure, Arousal, and Dominance Scale (PAD), Watson, Clark, and Tellegen's (1988) Positive Affect and Negative Affect Scales (PANAS). Despite their widespread application, in recent years, researchers have questioned the applicability, reliability, and validity of psychological emotion scales in consumer studies (see [Laros and Steenkamp 2005](#); [Richins 1997](#); [Schoefer and Diamantopoulos 2008](#)). Hosany and Gilbert (2010) further note that emotion scales from psychology are context specific and fail to capture the richness of tourist and destination characteristics. Existing emotion scales overlook the complexity of positive emotions (Fredrickson 1998), commonly associated with tourism experiences ([Nawijn et al. 2013](#)). As a result, adapting scales from psychology often fails to

achieve content validity (Haynes, Richard, and Kubany, 1995), leading to erroneous conclusions.

Realizing the need to validly measure the diversity, intensity and complexity of tourists' emotional responses, Hosany and Gilbert (2010) developed the Destination Emotion Scale (DES). The DES consists of 15 items representing three emotional dimensions of *joy*, *love* and *positive surprise*. Joy is associated with positive outcomes such as the realization of one's goals (Izard 1977; Lazarus 1991). The pursuit of pleasure is a core facet of tourist experiences ([Currie 1997](#); [Goossens 2000](#); [Nawijn 2011](#)). The Love dimension is consistent with research in marketing establishing that consumers experience love toward products and brands (e.g. Ahuvia 2005; Albert, Merunka, and Valette-Florence 2008). Finally, the last dimension, surprise, is often characterized as a neutrally valence emotion arising from unexpected occurrences ([Meyer, Reisenzein, and Schutzwohl 1997](#)). However, other emotions accompany surprise to elicit positive surprise (e.g. surprise and joy) or negative surprise (e.g. surprise and anger).

Overall, the DES dimensions are theoretically consistent with conceptualizations of emotion in marketing (e.g., Batra, Ahuvia, and Bagozzi 2012) and tourism research (e.g. [Crotts and Magnini 2011](#); [Faillant, Matzler, and Mooradian 2011](#); [Lee and Kyle, 2013](#)). For example, in their study of festival visitors' emotional experiences, Lee and Kyle (2013) identified joy, love and positive surprise as key emotion dimensions. More recently, using data collected from international tourists visiting two distinct destinations, Thailand and Petra, Hosany et al. (2015) further confirm the DES external validity. Accordingly, Hosany and Gilbert's (2010) DES is used to measure tourists' emotional responses. In so doing, this study also responds to Hosany et al. (2015) call for research to incorporate the DES into conceptual frameworks that promote holistic understanding of tourists' experiences.



### *Tourists' Emotional Responses and Perceived Overall Image*

Destination image is commonly conceptualised as a mental or attitudinal construct consisting of the sum of beliefs, ideas and impressions that a tourist holds of a destination ([Crompton, 1979](#)). Tourists' perceived image of a destination is dynamic (Lee, Lee, and Lee 2014) and a rich body of literature exists that distinguishes between different types of image, formed during specific stages (e.g. pre-visit, during a visit, and post-visit) of the tourist experience (e.g. [Fakeye and Crompton, 1991](#); [Gunn, 1988](#); [Phelps, 1986](#)). Lee, Lee and Lee (2014) emphasize the importance to differentiate between the many facets of destination image when explaining tourist behaviour. Earlier studies establish that pre-visit image influence intention to visit and destination choice ([Alhemoud and Armstrong, 1996](#); [Baloglu and McCleary 1999](#)). During a trip, the image of a destination positively influences on-site recreation experiences ([Bigné, Sanchez, and Sanchez 2001](#)). However, the majority of research focuses on tourists' post-visit image perceptions and its relationship with post-trip evaluations such as satisfaction level (e.g. [Assaker and Hallak 2013](#); [Chen and Phou 2013](#); [Lee, Lee, and Lee 2014](#)) and intention to recommend ([Bigné, Sanchez, and Sanchez 2001](#); [Papadimitriou, Apostolopoulou, and Kaplanidou 2015](#)). Under this research tradition, destination image is operationalized as an overall evaluative construct measuring tourists' holistic impression of a destination ([Echtner and Ritchie, 1993](#)). In a meta-analysis of the literature, [Zhang et al. \(2014\)](#) show that overall image serves as a strong proxy for capturing destination image. Accordingly, in line with prior research and recent theorizations (e.g. [Assaker and Hallak 2013](#); [Assaker, Vinzi, and O'Connor 2011](#); [Papadimitriou, Apostolopoulou, and Kaplanidou 2015](#); [Prayag 2009](#)), this study focuses on tourists' post-visit overall image perceptions.

Beyond its physical properties, the holistic image of a destination is influenced by an amalgam of emotional attributes ([Walmsley and Young 1998](#)). Prior studies establish that people elicit emotions toward physical and social environment ([Farber and Hall 2007](#)). When emotions evoked by a place coincide with the benefits sought, tourists will construct a positive evaluation of the destination's overall image (San Martin and del Bosque 2008). Empirical research in tourism investigating the relationship between emotional responses and destination image is scarce. However, in a restaurant setting, Chen, Ye and Huan (2014) theorize nostalgic emotions as antecedents of restaurant image. Accordingly, the following hypotheses are formulated:

***H<sub>1</sub>:** The emotion of Joy has a positive influence on perceived overall image*

***H<sub>2</sub>:** The emotion of Love has a positive influence on perceived overall image*

***H<sub>3</sub>:** The emotion of Positive Surprise has a positive influence on perceived overall image*

#### *Tourists' Emotional Responses and Satisfaction*

Measuring and managing satisfaction is vital for the survival, development and success of tourist destinations (Sirakaya, Petrick, and Choi 2004; Song et al. 2012). Satisfaction is a positive reaction resulting from favorable appraisals of consumption experiences (Babin and Griffin 1998; Oliver 1997). Despite its relevance, ambiguities exist about the nature and definition of satisfaction in tourism (Baker and Crompton 2000; del Bosque and San Martin 2008; Kozak 2001). A rich body of research follows a cognitive approach, conceptualizing tourist satisfaction as a post-consumption evaluation of whether or not expectations are met (Eusébio and Vieira 2013). Other studies, however, consider satisfaction as an emotional reaction derived from the consumption experience (Huang, Weiler, and Assaker 2015; Spreng, MacKenzie, and Olshavsky

1996). More recently, some studies (del Bosque and San Martin 2008; Žabkar, Makovec-Brenčič, and Dmitrović 2010) adopt a cognitive-affective perspective and operationalize satisfaction as tourists' cognitive-affective state derived from the destination experience. Irrespective of how satisfaction is conceptualized (either cognitive, affective or both), it is common for studies to measure satisfaction at the aggregated level (Bigné, Sanchez, and Sanchez 2001; Chen and Chen 2010; Engeset and Elvekrok 2015; Huang, Weiler, and Assaker 2015; Lee, Yoon, and Lee 2007) as opposed to the attribute level (Chi and Qu 2008; Eusébio and Vieira 2013). Accordingly, consistent with recent research in tourism (Assaker and Hallak 2013; Engeset and Elvekrok 2015; Sun, Chi, and Xu 2013), satisfaction is operationalized as a summative overall construct.

Emotions arising from consumption experiences deposit affective memory traces which consumers process and integrate to form post-consumption evaluations of satisfaction (Westbrook and Oliver 1991). Studies in marketing (Bagozzi, Gopinath, and Nyer 1999; Ladhari 2007; Liljander and Strandvik 1997; Walsh et al. 2011) and tourism (Bigné, Andreu, and Gnoth 2005; del Bosque and San Martin 2008; Yuksel and Yuksel 2007) confirm a relationship between emotions and satisfaction. Satisfaction is a key outcome of positive emotional responses such as pleasure, interest and joy (Oliver 1997). In tourism, positive emotions such as joy (Faullant, Matzler, and Mooradian 2011), happiness, excitement and pleasure (Grappi and Montanari 2011) have a favorable influence on satisfaction. In a heritage tourism context, Prayag, Hosany, and Odeh (2013) show that joy, love and positive surprise can generate satisfaction. Positive emotions are also related to the formation of satisfaction in the context of tourist services such as restaurants (Lin and Mattila 2010) and theme parks (Bigné, Andreu, and Gnoth 2005). Based on the above discussions, the following hypotheses are formulated:

***H<sub>4</sub>:** The emotion of Joy has a positive influence on tourist satisfaction with a destination*

***H<sub>5</sub>:** The emotion of Love has a positive influence on tourist satisfaction with a destination*

***H<sub>6</sub>:** The emotion of Positive surprise has a positive influence on tourist satisfaction with a destination*

#### *Perceived Overall Image and Satisfaction*

Destination image plays a significant role in predicting tourists' behaviors (Baloglu and McCleary 1999; Castro, Armario, and Ruiz 2007). The effects of overall image on tourist satisfaction are well established (Prayag 2009; Wang and Hsu 2010). Generally, favorable assessment of a destination's overall image positively influences tourist satisfaction (Bigné, Sanchez, and Sanchez 2001; Prayag 2009; Wang and Hsu 2010). Hence, these findings lead to the following hypothesis:

***H<sub>7</sub>:** A more favorable overall image will result in higher level of tourist satisfaction with a destination*

#### *Perceived Overall Image and Intention to Recommend*

Modeling loyalty remains of high relevance in tourism research (see Zhang et al. 2014). Revisit intention and recommendations to others are the most commonly used measures of tourist loyalty (Eusébio and Vieira 2013; Horng et al. 2012; Oppermann 2000; Um, Chon, and Ro 2006). However, Kozak and Rimmington (2000) note intention to revisit is problematic as a

measure of loyalty given the variety seeking nature of tourists. More recently, McKercher and Tse (2012) show that intention to revisit (return) is not a valid surrogate measure for actual repeat visitation. For the purpose of this study, behavioral intention is measured in terms of tourists' propensity to recommend the destination to others such as family and friends. Prior studies confirm that positive overall image contributes to higher propensity to recommend (e.g. Assaker, Vinzi, and O'Connor 2011; Bigné, Sanchez, and Sanchez 2001; Papadimitriou, Apostolopoulou, and Kaplanidou 2015; Prayag, 2009; Qu, Kim, and Im 2011). As such, the study proposes the following hypothesis:

***H<sub>8</sub>:** A more favorable overall image will result in higher propensity to recommend the destination*

#### *Satisfaction and Intention to Recommend*

Satisfaction is one of the main precursors of loyalty in both the marketing (e.g., Cronin and Taylor 1992; Cronin, Brady and Hult 2000; Lam et al. 2004) and tourism (Baker and Crompton 2000; Chen and Tsai 2007; Chen and Chen 2010; Engeset and Elvekrok 2015; Grappi and Montanari 2011; Huang, Weiler, and Assaker 2015; Hutchinson, Lai and Wang 2009; Yuksel and Yuksel 2007) literatures. Satisfied tourists are more likely to recommend the destination to others (Beeho and Prentice 1997; Bigné, Sanchez, and Sanchez 2001; Chen and Tsai 2007). Dissatisfied tourists are unlikely to return to the destination (Alegre and Garau 2010) and will engage in negative word-of-mouth (Chen and Chen 2010). More recently, Dolnicar, Coltman and Sharma (2015) challenge the link between satisfaction and behavioral intention. Inconsistency in construct operationalization, i.e., loyalty and behavioral intention measured using similar items,

and the frequent omission of causal factors impede theoretical advancements on the nature of this relationship. However, previous studies confirm a positive relationship between satisfactory tourist experiences and intention to recommend (Bigné, Sanchez, and Sanchez 2001; Grappi and Montanari 2011; Žabkar, Makovec-Brenčič, and Dmitrović 2010). Hence, it is logical to hypothesize that:

***H<sub>9</sub>:** A higher level of tourist satisfaction with a destination will result in higher propensity to recommend the destination*

## **Methods**

### *Measurement Scales*

Respondents had to rate the study main constructs (overall image; emotions of joy, love and positive surprise; satisfaction and intentions to recommend) using multi-item measures. In line with previous studies (Assaker and Hallak 2013; Assaker, Vinzi, and O'Connor 2011; Baloglu and McCleary 1999; Papadimitriou, Apostolopoulou, and Kaplanidou 2015; Prayag 2009), the study focuses on tourists' post-travel overall image perception. Perceived overall image was measured using 2 statements: 'your impression of the overall image of Sardinia? [1=Unfavourable and 7=Favourable; 1= Very Negative and 7=Very Positive]. Positive emotions were operationalized using 15 items commonly associated with tourist destinations (Hosany and Gilbert 2010; Hosany and Prayag 2013; Hosany et al. 2015), reflecting the three dimensions of the DES scale (joy, love and positive surprise). Respondents had to rate the intensity of their

overall emotional experiences toward Sardinia using a 7-point scale ranging from [1] =Not at all and [7] =Very much.

Satisfaction was operationalized as a summative overall construct using the following statements (adapted from Faullant, Matzler, and Mooradian 2011; Lee et al. 2008): “Please indicate your overall satisfaction with the destination experience of Sardinia” [1=very dissatisfied and 7=very satisfied; and 1=terrible and 7=delighted]. Intention to recommend was captured using 3 items adapted from Grappi and Montanari (2011) and Lee et al. (2008): “I will recommend Sardinia to other people”, “I will say positive things about Sardinia to other people”; and “I will encourage friends and relatives to visit Sardinia” [1=strongly disagree and 7=strongly agree]. The questionnaire was available in two languages, English and Italian. Back translation was used to ensure consistency of the Italian version.

Since respondents had to rate all study variables in the questionnaire using self-report, data may be susceptible to common method variance (Lindell and Whitney 2001). To minimize any potential common method variance (CMV), the survey design and administration adhered to Podsakoff et al. (2003) guidelines. For example, to reduce evaluation apprehension, respondents were assured anonymity and confidentiality. Second, in terms of layout and format, measures for the dependent variables follow independent variables in the final questionnaire (Salancik and Pfeffer 1977). Third, Harman's single-factor test was employed to assess CMV (Podsakoff and Organ 1986). The test requires loading all the study variables in an exploratory factor analysis (EFA) statistical procedure. CMV is assumed if either a single factor emerges from the data, or one general factor explains majority of the variance (Podsakoff et al. 2003). EFA results reveal the existence of a multi-factor structure (4 factors with eigenvalues greater than 1) with the first

factor accounting for only 25.5 percent of the total variance. These results suggest common method variance is not a pervasive issue in the data.

### *Study Settings, Sampling and Data Collection*

The island of Sardinia, located in the Mediterranean Sea, is an international tourist destination with a unique history, environment and culture (Pulina, Meleddu, and Del Chiappa 2013). Sardinia has experienced a significant increase in tourism flows as a result of transport deregulation that occurred in the late 1990s and the increasing number of low cost flights to the island. Like many other island destinations, Sardinia depends heavily on sun and sand tourism. However, the region has potential for other activities such as heritage and archaeology, food and wine tourism, trekking, and other outdoor activities. Favorable opportunities also exist in the area for sport tourism (golf, sailing, cycling, rally, etc.), as demonstrated by successful events such as the World Rally Costa Smeralda.

Data were collected from domestic tourists living in Italian regions other than Sardinia. The reasons to focus on domestic tourists are twofold. First, in recent years, Sardinia has experienced a steady decline in domestic demand (Global Travel Industry News 2012). As a result, the Sardinia Regional Department of Tourism (SRDT) has launched several promotional campaigns to recover domestic tourist market share (Global Travel Industry News 2012). Second, from a theoretical perspective, it is important to understand the intricacies of domestic tourists' experiences and behavior. Although utilizing the same vacation space, domestic tourists often differ from international tourists in terms of their attitudes and behaviors (Singh and Krakover 2015). In comparison to their international counterparts, domestic tourists often have different



perceptions (Bonn, Joseph, and Dai 2005; Tasci and Gartner 2007) and satisfaction levels (Yuksel 2004).

A purposive sampling procedure identified potential respondents. Trained research assistants were instructed to survey only Italian tourists. If subjects did not qualify as domestic tourists or were not willing to participate in the study, the research assistants would intercept the next available person(s). Congruent with the dominant research tradition (e.g. Zhang et al. 2014) and consistent with the conceptualization of tourist destinations (e.g. Xu, 2010), the study focuses on tourists' holistic experiences as opposed attribute-level evaluations. Data were collected from domestic tourists at the end of their holidays around the airport and port areas in Olbia. In total, 350 respondents were approached to take part in the survey and 275 valid questionnaires were obtained, resulting in 78.57% response rate. The sample was almost equally split between males (49.1%) and females (50.9%). Respondents' age groups were as follows: 16-24 years old (16%); 25-34 years old (26.5%); 35-44 years old (28.7%); 45-54 years old (12%); and over 54 years old (16.5%). In terms of education level, respondents were well educated with 17.5% completing at least high school, 46% college degrees, and 24.9% post-graduate degrees. The two main purposes of visit were leisure (66.2%) and visiting family and friends (21.5%).

## **Results**

### *Measurement Model*

Following Anderson and Gerbing's (1988) recommended guidelines, reliability, convergent validity, and discriminant validity of the main constructs are first established (see Tables 1 and 2) before testing the structural model. Skewness and kurtosis indices for the scale items were within the recommended absolute values of 3 and 8 respectively, indicating no violation of the normality assumption (Kline 2011). To assess the psychometric properties of the scales, a six-factor measurement model was estimated using AMOS. The initial model displayed mediocre fit and modification indices suggested a more parsimonious model could be obtained by deleting two statements (I feel a sense of tenderness toward Sardinia; I feel warm-hearted toward Sardinia) from the love dimension. The standardized maximum likelihood (ML) loadings (Table 1) and fit statistics of the re-specified model indicated satisfactory fit indices ( $\chi^2=276.33$ , d.f.=148,  $p<0.001$ ). The descriptive global fit measure (GFI=0.91) and incremental fit measures (TLI=0.97, CFI=0.98 and IFI=0.98) were above 0.90 cut off level (Byrne 1998). In addition, the inference statistical tests provided further evidence of the appropriateness of measurement model with RMSEA=0.055, and  $\chi^2/\text{d.f.}=1.87$  (Turner and Reisinger 2001).

**[PLEASE INSERT TABLE 1 HERE]**

From Table 1, for each construct, composite reliabilities estimates were above the recommended threshold of 0.70 (range from .84 to 0.96), indicating the measures are reliable (Fornell and Larcker 1981). Construct validity was assessed using convergent and discriminant validity. To establish convergent validity, the significance and magnitude of factor loadings were examined, together with average variance extracted (AVE). From Table 1, all factor loadings were greater than 0.55 and significant ( $p<0.001$ ) with  $t$  values exceeding the critical value of 3.29 (Tabachnick and Fidell 2007). Average variance extracted for each construct was above

0.50, establishing the scales convergent validity (Fornell and Larcker 1981). Discriminant validity was examined by comparing the square root of AVE for each construct with the correlations between pairs of latent variables. For adequate discriminant validity, the diagonal elements in Table 2 should be greater than the off- diagonal elements (Fornell and Larcker 1981). Comparing all correlation coefficients with square roots of AVEs in Table 2, the results suggest strong evidence of discriminant validity.

**[PLEASE INSERT TABLE 2 HERE]**

### *Structural Model and Hypothesis Testing*

The hypothesized relationships were tested using structural equation modeling (SEM). Overall, the structural model achieves acceptable fit ( $\chi^2=425.16$ , d.f.=146,  $p<0.001$ ). The incremental fit measures (TLI=0.93, CFI=0.95 and IFI=0.95) were above 0.90 recommended values (Byrne 1998). Furthermore, the inference statistical tests reveal a satisfactory structural model with RMSEA=0.075 and  $\chi^2/\text{d.f.}=2.91$  below the tolerable values (RMSEA  $<0.08$ ,  $\chi^2/\text{d.f.}<3$ ) (Byrne 1998). Standardized estimates path coefficients (see Table 3) establish a positive relationship between tourists' emotions of joy ( $\beta=0.435$ ,  $p<0.001$ ) and love ( $\beta=0.256$ ,  $p<0.001$ ) and overall image. Emotions explain more than 25% of variance in overall image ( $R^2=0.255$ ). Findings thus support  $H_1$  and  $H_2$  but not  $H_3$ . Non-significant paths emerge for joy→satisfaction and love→satisfaction relationships, thus rejecting  $H_4$  and  $H_5$ . However, the relationship between positive surprise and satisfaction ( $H_6$ ) is established ( $\beta=0.159$ ,  $p<0.001$ ). Results also confirm  $H_7$  linking overall image to satisfaction ( $\beta=0.782$ ,  $p<0.001$ ). Together tourists' emotions (joy and love) and overall image as predictors, explain a high proportion of

variance in satisfaction ( $R^2=0.746$ ).  $H_8$ , hypothesizing a relationship between overall image and intention to recommend ( $\beta=0.656$ ,  $p<0.001$ ), is also supported. Finally, as theorized, the relationship between satisfaction and intention to recommend is positive and significant ( $\beta=0.404$ ,  $p<0.001$ ). Overall image and satisfaction explains 30.6% variance in intention to recommend. Further analyses reveal that the emotions of joy and love have an indirect effect on satisfaction via overall image (Table 3).

**[PLEASE INSERT TABLE 3 HERE]**

## **Discussions and Implications**

In response to calls for tourism researchers (e.g. del Bosque and San Martin 2008; Chen and Phou 2013) to develop integrative models, the main objective of this study is to examine the relationship between tourists' emotions, overall image, satisfaction and intention to recommend. Extending current theorizations and congruent with research in marketing (e.g. Allen, Machleit, and Kleine 1992; Nyer 1997; Yu and Dean 2001), this study demonstrates the predictive power of emotions in tourist behavior models. In particular, the proposed integrative framework allows the identification of relationships between i) specific emotional responses and perceived overall image; ii) perceived overall image and tourist satisfaction; iii) perceived overall image and intention to recommend; iv) specific emotional responses and tourist satisfaction; and v) tourist satisfaction and intention to recommend. The results confirm that specific emotions are significant predictors of attitudinal and behavioral outcomes.

Empirical research in tourism investigating the direct relationship between emotions and destination image remains scant. Advancing knowledge, findings show that tourists' emotional responses, in particular joy and love, positively influence overall image evaluations. Despite being core in understanding tourists' emotional experiences (see Hosany and Gilbert 2010; Hosany et al. 2015; Lee and Kyle 2013), positive surprise does not exert a significant influence on perceived overall image. A plausible explanation relates to the complex nature of surprise as an emotion (Meyer, Reisenzein, and Schutzwohl 1997). Furthermore, congruent with prior studies (e.g. Machleit and Eroglu 2000; Prayag, Hosany, and Odeh 2013), findings show that emotional responses of the same valence have differential effects on the outcome variable satisfaction. Only positive surprise was related to tourist satisfaction ( $H_6$ ). Prior consumer research establishes surprise as a key component of satisfactory consumption experiences (Westbrook 1987; Westbrook and Oliver 1991). Overall, results from a methodological perspective, results demonstrate that combining variables of similar valence into summary dimensions is inappropriate.

The non-significant paths joy-satisfaction ( $H_4$ ) and love-satisfaction ( $H_5$ ) are inconsistent with Faullant, Matzler, and Mooradian (2011) and Prayag, Hosany, and Odeh (2013) studies in tourism. A number of plausible reasons exist to explain these discrepancies. First, the research settings are dissimilar. Prayag, Hosany, and Odeh (2013) tested their model using data collected from tourists visiting a UNESCO world heritage site. Faullant, Matzler, and Mooradian (2011) demonstrated the link between joy and overall satisfaction in the context of adventure tourism (mountaineering) that may elicit more intense emotions than the vacation context. Second, the sample characteristics differ. For the current study, in contrast to Prayag, Hosany, and Odeh (2013), data were collected from domestic tourists. Faullant, Matzler, and Mooradian's (2011)

study focuses on a group of German speaking tourists of various nationalities (Austrians, Germans and Italians). Prior research has established that differences in perceptions and evaluations exist between domestic and international tourists (Tasci and Gartner 2007; Yuksel 2004). Third, the inherent complexity, in terms of types and intensity, of tourists' emotional experiences may account for these diverging results.

The study confirms the direct relationship between overall image and satisfaction ( $H_7$ ), in line with previous research (e.g. Bigné, Sanchez, and Sanchez 2001; Prayag 2009; Wang and Hsu 2010). In addition, results support prior studies (Assaker, Vinzi, and O'Connor 2011; Bigné, Mattila, and Andreu 2008; Papadimitriou, Apostolopoulou, and Kaplanidou 2015) identifying a positive relationship between destination image and behavioral intentions ( $H_8$ ). Specifically, overall image has both a direct and indirect effect on tourist's propensity to recommend. The indirect path is via satisfaction. Finally, as hypothesized, a positive relationship was found between satisfaction and intention to recommend ( $H_9$ ). Prior studies (Baker and Crompton 2000; Bigné, Sanchez, and Sanchez 2001; Chen and Tsai 2007; Engeset and Elvekrok 2015; Prayag, Hosany, and Odeh 2013) identify that satisfied tourists are more likely to say positive things about the destination to others.

From a methodological perspective, consistent with Faullant, Matzler, and Mooradian (2011) and Prayag, Hosany, and Odeh (2013), results show the merits of measuring specific emotions in tourism. Prior studies (e.g. Bigné, Andreu, and Gnoth 2005; del Bosque and San Martin 2008; Grappi and Montanari 2011) adopt a valence-based method (positive and negative or pleasure and arousal) in theorizing emotions. Such research tradition, however, oversimplifies the complexity of emotional experiences (Bagozzi et al. 2000; Rucker and Petty 2004) and fails

to adequately capture the consequences of same valence emotions (e.g. joy and love). As findings of this study indicate, joy, love and positive surprise have differential effects on both overall image and satisfaction. Tourism researchers should be cautious not to collapse emotions into summary dimensions (positive vs. negative). Such approach masks important relationships between specific emotions and the global evaluative variables satisfaction and behavioral intentions (Machleit and Eroglu 2000; Zeelenberg and Pieters 2004) and lead to erroneous conclusions.

### *Managerial Implications*

From a practical point of view, the results offer important marketing implications for tourist destinations, in particular for Sardinia. Findings show tourists' emotions favorably influence evaluation of overall image and satisfaction. It is important for marketers and specialist organizations, such as travel agencies and tour operators, to promote a holistic and consistent image (Qu, Kim, and Im 2011) based on specific emotions a destination elicits. Marketing campaigns should emphasize the types of emotional experiences that can be evoked by the destination (such as joy and love). In particular, tourism providers should strive to activate, stimulate and promote positive emotions (such as joy and love) through advertising appeals. To instigate an emotional appeal, many tourist destinations around the world have successfully employed sophisticated imagery, visual effects and music in their advertising. Examples include Australia's 'There's Nothing Like Australia' and Cyprus 'In Your Heart' promotional campaigns. Recent evidence shows that advertising campaigns with emotional appeals are effective in influencing tourists' motivations (Min, Martin, and Jung 2013).

Findings of this study show positive surprise as the only emotion significant in predicting tourist satisfaction. Surprising consumers is an important strategy in creating memorable experiences (Vanhamme 2008). Previous research demonstrates that positive (pleasant) surprise is often associated with consumer delight (Berman 2005; Finn 2005; Oliver, Rust, and Varki 1997). Marketers and local businesses should aim to create on-site experiences that exceed expectations and delight tourists. In the case of Sardinia, various stakeholders should collaborate to develop tourism programs incorporating ‘unexpected’ and ‘spurring’ events/activities. Surprising tourists will also require destinations to innovate in terms of their offerings. For example, tourists visiting Sardinia should be offered opportunities to interact with local communities in order to co-create the lived experiences. However, it is a challenge for destinations to effectively design new surprising strategies, especially among repeat tourists groups. Over time, experiences that were once deemed ‘surprising’ become mundane encounters (Rust and Oliver 2000).

#### *Limitations and Directions for Future Research*

Building on existing conceptualisations of satisfaction and behavioral intentions, the study tests a model linking tourists’ emotional responses, overall image, satisfaction and intention to recommend. The results of the study should be interpreted with caution for a number of reasons. First, the relatively small sample size does not allow for generalization of the model beyond the context of Sardinia. In addition, given the lack of official demographics data about domestic tourists visiting Sardinia, it is difficult to establish the sample representativeness. Future research should test the model in other locations of differing geographical sizes. Second, the study focuses on domestic tourists visiting Sardinia. Replication on international tourists is likely



to produce different results in terms of the hypothesized relationships. Prior research shows that, domestic tourists have different image perceptions (Bonn, Joseph, and Dai 2005; Tasci and Gartner 2007) and satisfaction levels (Yuksel 2004), compared to international tourists. Third, destination image was operationalized as an overall post-consumption evaluative construct. Yet, destination image is recognized as an influential pull factors in tourists' choice processes (Baloglu and McCleary 1999; Beerli and Martin 2004; Prayag and Ryan 2011). Tourists are motivated to travel in anticipation of positive emotions during their holidays (Nawijn 2011; Sirgy 2010). Future studies should investigate the relationship between tourists' pre-travel images and emotional experiences.

Furthermore, similar to destination image, satisfaction was operationalized at the global level. Although, global satisfaction measurements produce more stable relationships with behavioral intentions (Zhang et al. 2014), future studies could adopt an attribute-level conceptualisation of satisfaction (e.g. Chi and Qu 2008; Eusébio and Vieira 2013). Fifth, expanding on the model proposed in this study, future research could include other relevant variables such as appraisal determinants of tourists' emotional experiences (see Hosany, 2012), destination personality and tourists' motivations. Finally, emotions were measured retrospectively using self-report. Memories of emotions often provide inaccurate accounts of actual experiences (Levine 1997; Thomas and Diener 1990; Wirtz et al. 2003). In addition, emotions are dynamic and time-dependent (Kuppens, Stouten and Mesquita 2009). Throughout the vacation, tourists' self-reported emotions vary in type and intensity (Lee and Kyle 2012; Lin et al. 2014; Nawijn et al. 2013). Future studies should attempt to capture tourists' emotions in real time (see Kim and Fesenmaier 2015, for a recent and novel application of physiological

emotion measures in tourism and Li, Scott and Walters 2015 for a review of current and potential methods to measure emotion in tourism).

## References

- Aho, Seppo K. (2001). "Towards a General Theory of Touristic Experiences: Modeling Experience Process in Tourism." *Tourism Review*, 56 (3): 33-37.
- Ahuvia, Aaron C. (2005). "Beyond the Extended Self: Loved Objects and Consumers' Identity Narratives." *Journal of Consumer Research*, 32 (1): 171-184.
- Albert, Noël, Dwight Merunka, and Pierre Valette-Florence (2008). "When Consumers Love Their Brands: Exploring the Concept and Its Dimensions." *Journal of Business Research*, 61 (10): 1072-1075.
- Alegre, Joaquin, and Jaume Garau (2010). "Tourist Satisfaction and Dissatisfaction." *Annals of Tourism Research*, 37 (1): 52-73.
- Allemoud, Abdulla M., and Edward, G. Armstrong (1996). "Image of Tourism Attractions in Kuwait." *Journal of Travel Research*, 34 (4): 76-80
- Allen, Chris T., Karen A. Machleit, and Susan Schultz Kleine (1992). "A Comparison of Attitudes and Emotions as Predictors of Behavior at Diverse Levels of Behavioral Experience." *Journal of Consumer Research*, 18 (4): 493-504.
- Anderson, James C., and David W. Gerbing (1988). "Structural Equation Modeling in Practice: A Review and Recommended Two-Step Approach." *Psychological Bulletin*, 103 (3): 411-423.

- Assaker, Guy, and Rob Hallak (2013). "Moderating Effects of Tourists' Novelty-Seeking Tendencies on Destination Image, Visitor Satisfaction, and Short- and Long-Term Revisit Intentions." *Journal of Travel Research*, 52 (5): 600-613.
- Assaker, Guy, Vincenzo Esposito Vinzi, and Peter O'Connor (2011). "Examining the Effect of Novelty Seeking, Satisfaction, and Destination Image on Tourists' Return Pattern: A Two Factor, Non-Linear Latent Growth Model." *Tourism Management*, 32 (4): 890-901.
- Babin, Barry J., and Mitch Griffin (1998). "The Nature of Satisfaction: An Updated Examination and Analysis." *Journal of Business Research*, 41 (2): 127-136.
- Bagozzi, Richard P., Baumgartner, Hans, Pieters, Rik, & Zeelenberg, Marcel (2000). "The Role of Emotions in Goal-Directed Behavior." In *The Why of Consumption: Contemporary Perspectives on Consumer Motives, Goals and Desires*, Vol. 1. edited by Srinivasan Ratneshwar, David Glen Mick, and Cynthia Huffman. Milton Park, UK: Routledge. Pp 36-58.
- Bagozzi, Richard P., Mahesh Gopinath, and Prashanth U. Nyer (1999). "The Role of Emotions in Marketing." *Journal of the Academy of Marketing Science*, 27 (2): 184-206.
- Baker, Dwayne A., and John L. Crompton (2000). "Quality, Satisfaction and Behavioral Intentions." *Annals of Tourism Research*, 27 (3): 785-804.
- Baloglu, Seyhmus, and Ken W. McCleary (1999). "A Model of Destination Image Formation." *Annals of Tourism Research*, 26 (4): 868-897.
- Batra, Rajeev, Aaron Ahuvia, and Richard P. Bagozzi (2012). "Brand Love." *Journal of Marketing*, 76 (2): 1-16.

- Beeho, Alison J., and Richard C. Prentice (1997). "Conceptualizing the Experiences of Heritage Tourists: A Case Study of New Lanark World Heritage Village." *Tourism Management*, 18 (2): 75-87.
- Beerli, Asuncion, and Josefa D. Martin (2004). "Factors Influencing Destination Image." *Annals of Tourism Research*, 31 (3): 657-681.
- Berman, Barry (2005). "How to Delight Your Customers." *California Management Review*, 48 (1): 129-151.
- [Bigné, J. Enrique, Anna S. Mattila, and Luisa Andreu \(2008\). "The Impact of Experiential Consumption Cognitions and Emotions on Behavioral Intentions." \*Journal of Services Marketing\*, 22 \(4\): 303-315.](#)
- Bigné, J. Enrique, Luisa Andreu, and Juergen Gnoth (2005). "The Theme Park Experience: An Analysis of Pleasure, Arousal and Satisfaction." *Tourism Management*, 26 (6): 833-844.
- Bigné, J. Enrique, M. Isabel Sanchez, and Javier Sanchez (2001). "Tourism Image, Evaluation Variables and After Purchase Behaviour: Inter-Relationship." *Tourism Management*, 22 (6): 607-616.
- [Bonn, Mark A., Sacha M. Joseph, and Mo Dai \(2005\). "International versus Domestic Visitors: An Examination of Destination Image Perceptions." \*Journal of Travel Research\*, 43 \(3\): 294-301.](#)
- [Byrne, Barbara M \(1998\). \*Structural Equation Modeling with LISREL, PRELIS, and SIMPLIS: Basic Concepts, Applications, and Programming\*. New Jersey: Lawrence Erlbaum Associates.](#)

- Castro, Carmen Barroso, Enrique Martín Armario, and David Martín Ruiz (2007). "The Influence of Market Heterogeneity on the Relationship between a Destination's Image and Tourists' Future Behaviour." *Tourism Management*, 28 (1): 175-187.
- Chen, Hung-Bin, Shih-Shuo Yeh, and Tzung-Cheng Huan (2014). "Nostalgic emotion, experiential value, brand image, and consumption intentions of customers of nostalgic-themed restaurants." *Journal of Business Research*, 67(3): 354-360.
- Chen, Ching-Fu, and Dung Chun Tsai (2007). "How Destination Image and Evaluative Factors affect Behavioral Intentions?" *Tourism Management*, 28 (4): 1115-1122.
- Chen, Ching-Fu, and Fu-Shian Chen (2010). "Experience Quality, Perceived Value, Satisfaction and Behavioral Intentions for Heritage Tourists." *Tourism Management*, 31 (1): 29-35.
- Chen, Ching-Fu, and Sambath Phou (2013). "A Closer Look at Destination: Image, Personality, Relationship and Loyalty." *Tourism Management*, 36: 269-278.
- Chi, Christina Geng-Qing, and Hailin Qu (2008). "Examining the Structural Relationships of Destination Image, Tourist Satisfaction and Destination Loyalty: An Integrated Approach." *Tourism Management*, 29(4): 624-636.
- Chuang, Shih-Chieh (2007). "The Effects of Emotions on the Purchase of Tour Commodities." *Journal of Travel & Tourism Marketing*, 22 (1): 1-13.
- Cohen, Joel B., and Charles S. Areni (1991). "Affect and Consumer Behavior." In *Handbook of Consumer Behavior*, edited by Thomas S. Robertson and Harold H. Kassarian. Englewood Cliffs, NJ: Prentice Hall. Pp 188-240.

- Crompton, John L. (1979). "An Assessment of the Image of Mexico as a Vacation Destination and the Influence of Geographical Location upon Image." *Journal of Travel Research*, 17(4): 18-23
- Cronin Jr, J. Joseph, and Steven A. Taylor (1992). "Measuring Service Quality: A Reexamination and Extension." *Journal of Marketing*, 56 (Jul): 55-68.
- Cronin Jr, J. Joseph, Michael K. Brady, and G. Tomas M. Hult (2000). "Assessing the Effects of Quality, Value, and Customer Satisfaction on Consumer Behavioral Intentions in Service Environments." *Journal of Retailing*, 76 (2): 193-218.
- Crotts, John C., and Vincent P. Magnini (2011). "The Customer Delight Construct: Is Surprise Essential?" *Annals of Tourism Research*, 38 (2): 719-722.
- Currie, Russell R. (1997). "A Pleasure-Tourism Behaviors Framework." *Annals of Tourism Research*, 24 (4): 884-897.
- del Bosque, Ignacio Rodríguez, and Héctor San Martín (2008). "Tourist Satisfaction a Cognitive-Affective Model." *Annals of Tourism Research*, 35 (2): 551-573.
- Dolnicar, Sara, Tim Coltman, and Rajeev Sharma (2015). "Do Satisfied Tourists Really Intend to Come Back? Three Concerns with Empirical Studies Linking Satisfaction to Behavioral Intentions." *Journal of Travel Research*, 54 (2): 152-178.
- Echtner, Charlotte M., and J. R. Brent Ritchie (1993). "The Measurement of Destination Image: An Empirical Assessment." *Journal of Travel Research*, 31 (4): 3-13.

- Elliot, Statia, Nicolas Papadopoulos, and Samuel Seongseop Kim (2011). "An Integrative Model of Place Image Exploring Relationships Between Destination, Product, and Country Images." *Journal of Travel Research*, 50 (5): 520-534.
- Engeset, Marit G., and Elvekrok, Ingunn (2015). "Authentic Concepts: Effects on Tourist Satisfaction." *Journal of Travel Research*, 54 (4): 456-466.
- Ene, Diana, and Peter Schofield (2011). "An Integrated Approach to Consumer Decision Making for Budget City Breaks: The Role of Emotion." *International Journal of Tourism Research*, 13 (4): 368-383.
- Eusébio, Celeste, and Armando Luís Vieira (2013). "Destination Attributes' Evaluation, Satisfaction and Behavioural Intentions: A Structural Modelling Approach." *International Journal of Tourism Research*, 15 (1): 66-80.
- Fakeye, Paul. C. and John L. Crompton (1991). "Image Differences Between Prospective, First-Time, and Repeat Visitors to the Lower Rio Grande Valley." *Journal of Travel Research*, 30 (2): 10-16.
- Faillant, Rita, Kurt Matzler, and Todd A. Mooradian (2011). "Personality, Basic Emotions, and Satisfaction: Primary Emotions in the Mountaineering Experience." *Tourism Management*, 32 (6): 1423-1430.
- Farber, Mary E., and Troy E. Hall (2007). "Emotion and Environment: Visitors' Extraordinary Experiences along the Dalton Highway in Alaska." *Journal of Leisure Research*, 39 (2): 248-270.



- Finn, Adam. (2005). "Reassessing the Foundations of Customer Delight." *Journal of Service Research*, 8 (2): 103-116.
- Fornell, Claes, and David F. Larcker (1981). "Evaluating Structural Equation Models with Unobservable Variables and Measurement Error." *Journal of Marketing Research*, 18 (1): 39-50.
- Fredrickson, Barbara L. (1998). "What Good are Positive Emotions?" *Review of General Psychology*, 2 (3): 300-319.
- Global Travel Industry News (2012). "Sardinia Island is not just for the Wealthy." Accessed February 27, 2014. <http://www.eturbonews.com/31313/sardinia-island-not-just-wealthy>.
- Gnoth, Juergen (1997). "Tourism Motivation and Expectation Formation." *Annals of Tourism Research*, 24 (2): 283-304.
- Goossens, Cees (2000). "Tourism Information and Pleasure Motivation." *Annals of Tourism Research*, 27 (2): 301-321.
- Grappi, Silvia and Fabrizio Montanari (2011). "The Role of Social Identification and Hedonism in Affecting Tourist Re-Patronizing Behaviours: The Case of an Italian Festival." *Tourism Management*, 32 (5): 1128-1140.
- Gunn, Clare A. (1988). *Vacationscape: Designing Tourist Region*. 2nd edition. New York: Van Nostrand Reinhold.
- Hallmann, Kirstin, Anita Zehrer, and Sabine Müller (2015). "Perceived Destination Image: An Image Model for a Winter Sports Destination and Its Effect on Intention to Revisit." *Journal of Travel Research*, 54 (1): 94-106

Han, Heesup, and Chul Jeong (2013). "Multi-Dimensions of Patrons' Emotional Experiences in Upscale Restaurants and their Role in Loyalty Formation: Emotion Scale Improvement." *International Journal of Hospitality Management*, 32: 59-70.

Haynes, Stephen N., David Richard, and Edward S. Kubany (1995). "Content Validity in Psychological Assessment: A Functional Approach to Concepts and Methods." *Psychological Assessment*, 7 (3): 238-247.

Horng, Jeou-Shyan, Chih-Hsing Liu, Hsin-Yu Chou, and Chang-Yen Tsai (2012). "Understanding the Impact of Culinary Brand Equity and Destination Familiarity on Travel Intentions." *Tourism Management*, 33 (4): 815-824.

Hosany, S. (2012). "Appraisal Determinants of Tourist Emotional Responses." *Journal of Travel Research*, 51 (3): 303-14.

Hosany, Sameer, and David Gilbert (2010). "Measuring Tourists' Emotional Experiences toward Hedonic Holiday Destinations." *Journal of Travel Research*, 49 (4): 513-526.

Hosany, Sameer, and Girish Prayag (2013). "Patterns of Tourists' Emotional Responses, Satisfaction, and Intention to Recommend." *Journal of Business Research*, 66 (6): 730-737.

Hosany, Sameer, Girish Prayag, Siripan Deesilatham, Senija Causevic, and Khaled Odeh (2015). "Measuring Tourists' Emotional Experiences: Further Validation of the Destination Emotion Scale." *Journal of Travel Research*, 54 (4): 482-495.

- Huang, Songshan S., Weiler, Betty, and Assaker Guy (2015). "Effects of Interpretive Guiding Outcomes on Tourist Satisfaction and Behavioral Intention. *Journal of Travel Research*, 54 (3): 344-358.
- Hutchinson, Joe, Fujun Lai, and Youcheng Wang (2009). "Understanding the Relationships of Quality, Value, Equity, Satisfaction, and Behavioral Intentions among Golf Travelers." *Tourism Management*, 30 (2): 298-308.
- Izard, Carroll E. (1977). *Human Emotions*. New York: Plenum Press.
- Kim, Jeongmi, and Daniel R. Fesenmaier (2015). "Measuring Emotions in Real Time: Implications for Tourism Experience Design." *Journal of Travel Research*, 54 (4): 419-429
- Kline, Rex B. (2011). *Principles and Practice of Structural Equation Modeling* (3<sup>rd</sup> ed). New York: Guilford Press.
- Kozak, Metin (2001). "Comparative Assessment of Tourist Satisfaction with Destinations Across Two Nationalities." *Tourism Management*, 22 (4): 391-401.
- Kozak, Metin, and Mike Rimmington (2000). "Tourist Satisfaction with Mallorca, Spain, as an Off-Season Holiday Destination." *Journal of Travel Research*, 38 (3): 260-269.
- Kuppens, Peter, Jeroen Stouten, and Batja Mesquita (2009). "Individual Differences in Emotion Components and Dynamics: Introduction to the Special Issue." *Cognition and Emotion*, 23 (7): 1249-1258.
- Ladhari, Riadh (2007). "The Movie Experience: A Revised Approach to Determinants of Satisfaction." *Journal of Business Research*, 60 (5): 454-462.

- Ladhari, Riadh (2009). "Service Quality, Emotional Satisfaction, and Behavioural Intentions: A Study in the Hotel Industry." *Managing Service Quality*, 19 (3): 308-331.
- Lam, Shun Yin, Venkatesh Shankar, M. Krishna Erramilli, and Bvsan Murthy (2004). "Customer Value, Satisfaction, Loyalty, and Switching Costs: An Illustration from a Business-To-Business Service Context." *Journal of the Academy of Marketing Science*, 32 (3): 293-311.
- Laros, Fleur J. M., and Jan-Benedict E. M. Steenkamp (2005). "Emotions in Consumer Behavior: A Hierarchical Approach." *Journal of Business Research*, 58 (10): 1437-1445.
- Lazarus, Richard S. (1991). *Emotion and Adaptation*. New York: Oxford University Press.
- Lee, BongKoo, Choong-Ki Lee, and Jaeseok Lee (2014). "Dynamic Nature of Destination Image and Influence of Tourist Overall Satisfaction on Image Modification." *Journal of Travel Research*, 53 (2): 239-251.
- Lee, Choong-Ki, Yoo-Shik Yoon, and Seung-Kon Lee (2007). "Investigating the Relationships Among Perceived Value, Satisfaction, and Recommendations: The Case of the Korean DMZ." *Tourism Management*, 28 (1): 204-214.
- Lee, Jiyeon (2014). "Visitors' Emotional Responses to the Festival Environment." *Journal of Travel & Tourism Marketing*, 31 (1): 114-131.
- Lee, Jiyeon, and Gerard T. Kyle (2012). "Recollection Consistency of Festival Consumption Emotions." *Journal of Travel Research*, 51 (2): 178-190.

- Lee, Jiyeon, and Gerard T. Kyle (2013). "The Measurement of Emotions Elicited within Festival Contexts: A Psychometric Test of a Festival Consumption Emotions (FCE) Scale". *Tourism Analysis*, 18 (6): 635-649.
- Lee, Yong-Ki, Choong-Ki Lee, Seung-Kon Lee, and Barry J. Babin (2008). "Festivalsapes and Patrons' Emotions, Satisfaction, and Loyalty." *Journal of Business Research*, 61 (1): 56-64.
- Lerner, Jennifer. S., and Dacher Keltner (2000). "Fear, Anger and Risk." *Journal of Personality & Social Psychology*, 81 (1): 146-159.
- Levine, Linda J. (1997). "Reconstructing Memory for Emotions." *Journal of Experimental Psychology: General*, 126 (2): 165-177.
- Li, Shanshi, Noel Scott, and Gabby Walters (2015). "Current and Potential Methods for Measuring Emotion in Tourism Experiences: A Review." *Current Issues in Tourism*, 18 (9): 805-827
- Liljander, Veronica, and Tore Strandvik (1997). "Emotions in Service Satisfaction." *International Journal of Service Industry Management*, 8 (2): 148-169.
- Lin, Ingrid Y., and Anna S. Mattila (2010). "Restaurant Servicescape, Service Encounter, and Perceived Congruency on Customers' Emotions and Satisfaction." *Journal of Hospitality Marketing & Management*, 19 (8): 819-841.
- Lin, Yeqiang, Deborah Kerstetter, Jeroen Nawijn, and Ondrej Mitás (2014). "Changes in Emotions and Their Interactions with Personality in a Vacation Context." *Tourism Management*, 40: 416-424.

- Lindell, Michael K., and David J. Whitney (2001). "Accounting for Common Method Variance in Cross-Sectional Research Designs." *Journal of Applied Psychology*, 86 (1): 114-121.
- Machleit, Karen A., and Sevgin A. Eroglu (2000). "Describing and Measuring Emotional Response to Shopping Experience." *Journal of Business Research*, 49 (2): 101-111.
- Mano, Haim, and Oliver Richard L. (1993). "Assessing the Dimensionality and Structure of the Consumption Experience: Evaluation, Feeling and Satisfaction", *Journal of Consumer Research*, 20(3), 451-466.
- McKercher, Bob, and Tony S. M. Tse (2012). "Is Intention to Return a Valid Proxy for Actual Repeat Visitation?" *Journal of Travel Research*, 51 (6): 671-686.
- Mehrabian, Albert, and James A. Russell (1974). *An Approach to Environmental Psychology*. Cambridge, MA: MIT Press.
- Meyer, Wulf-Uwe, Rainer Reisenzein, and Achim Schutzwohl (1997). "Toward a Process Analysis of Emotions: The Case of Surprise." *Motivation and Emotion*, 21 (3): 251-274.
- Min, Kyeong S., Drew Martin, and Jae M. Jung (2013). "Designing Advertising Campaigns for Destinations with Mixed Images: Using Visitor Campaign Goal Messages to Motivate Visitors." *Journal of Business Research*, 66 (6): 759-764.
- Mitas, Ondrej, Careen Yarnal, Reginald Adams, and Nilam Ram (2012). "Taking a "Peak" at Leisure Travelers' Positive Emotions." *Leisure Sciences*, 34 (2): 115-135.
- Nawijn, Jeroen (2011). "Determinants of Daily Happiness on Vacation." *Journal of Travel Research*, 50 (5): 559-566.

Nawijn, Jeroen, Ondrej Mitas, Yeqiang Lin, and Deborah Kerstetter (2013). "How Do We Feel on Vacation? A Closer Look at How Emotions Change Over the Course of a Trip." *Journal of Travel Research*, 52 (2): 265-274.

Nyer, Prashanth U. (1997). "A Study of the Relationships Between Cognitive Appraisals and Consumption Emotions." *Journal of the Academy of Marketing Science*, 25 (4): 296-304.

Oliver, Richard L. (1997). *Satisfaction: A Behavioral Perspective on the Consumer*. New York: McGraw-Hill.

Oliver, Richard L., Roland T. Rust and Sajeew Varki (1997) "Customer Delight: Foundations, Findings and Managerial Insight." *Journal of Retailing*, 73 (3): 311-336.

Oppermann, Martin (2000). "Tourism Destination Loyalty." *Journal of Travel Research*, 39 (1): 78-84.

Papadimitriou, Dimitra, Apostolopoulou, Artemisia, Kaplanidou, Kyriaki (2015) "Destination Personality, Affective Image, and Behavioral Intentions in Domestic Urban Tourism." *Journal of Travel Research*, 54 (3): 302-315.

Phelps, Angela. (1986). "Holiday Destination Image-The Problem of Assessment: An Example Developed in Menorca." *Tourism Management*, 7(3): 168-180

Plutchik, Robert (1980). *Emotion: A Psychoevolutionary Synthesis*. New York: Harper & Row.

Podsakoff, Philip M., and Dennis W. Organ (1986). "Self-Reports in Organizational Research: Problems and Prospects." *Journal of Management*, 12 (4): 531-544.

Podsakoff, Philip M., Scott B. MacKenzie, Jeong-Yeon Lee, and Nathan P. Podsakoff (2003).

“Common Method Biases in Behavioral Research: A Critical Review of the Literature and Recommended Remedies.” *Journal of Applied Psychology*, 88 (5): 879-903.

Prayag, Girish (2009). “Tourists’ Evaluation of Destination Image, Satisfaction and Future Behavioral Intentions—The Case of Mauritius.” *Journal of Travel & Tourism Marketing*, 26 (8): 836-853.

Prayag, Girish, and Chris Ryan (2011). “The Relationship between the ‘Push’ and ‘Pull’ Factors of a Tourist Destination: The Role of Nationality—An Analytical Qualitative Research Approach.” *Current Issues in Tourism*, 14 (2): 121-143.

Prayag, Girish, Sameer Hosany, and Khaled Odeh (2013). “The Role of Tourists' Emotional Experiences and Satisfaction in Understanding Behavioral Intentions.” *Journal of Destination Marketing & Management*, 2 (2): 118-127.

Pulina, Manuela, Marta Meleddu, and Giacomo Del Chiappa (2013). “Residents' Choice Probability and Tourism Development.” *Tourism Management Perspectives*, 5: 57-67.

Qu, Hailin, Lisa Hyunjung Kim, and Holly Hyunjung Im (2011). “A Model of Destination Branding: Integrating the Concepts of the Branding and Destination Image.” *Tourism Management*, 32 (3): 465-476.

Raghunathan, Rajagopal, and Michel Tuan Pham (1999). “All Negative Moods Are Not Equal: Motivational Influences of Anxiety and Sadness on Decision Making.” *Organizational Behavior and Human Decision Processes*, 79 (1): 56-77.



- Richins, Marsha L. (1997). "Measuring Emotions in the Consumption Experience." *Journal of Consumer Research*, 24 (2): 127-146.
- Rucker, Derek D., and Richard E. Petty (2004). "Emotion Specificity and Consumer Behavior: Anger, Sadness, and Preference for Activity." *Motivation and Emotion*, 28 (1): 3-21.
- Russell, James A. (1980) "A Circumplex Model of Affect." *Journal of Personality & Social Psychology*, 39 (6): 1161-1178.
- Rust, Roland T., and Richard L. Oliver (2000). "Should We Delight the Customer?" *Journal of the Academy of Marketing Science*, 28 (1): 86-94.
- Salancik, Gerald R., and Jeffrey Pfeffer (1977). "An Examination of Need-Satisfaction Models of Job Attitudes." *Administrative Science Quarterly*, 22 (3): 427-456.
- San Martin, Héctor and Ignacio A. Rodríguez del Bosque (2008). "Exploring the cognitive–affective nature of destination image and the role of psychological factors in its formation." *Tourism Management*, 29(2): 263-277.
- Schoefer, Klaus, and Adamantios Diamantopoulos (2008). "Measuring Experienced Emotions During Service Recovery Encounters: Construction and Assessment of the Esre Scale." *Service Business*, 2 (1): 65-81.
- Singh, Shalini, and Shaul Krakover (2015). "Tourist experience at home–Israeli domestic tourism." *Tourism Management*, 46: 59-61.
- Sirakaya, Ercan, James Petrick, and Hwan-Suk Choi (2004). "The Role of Mood on Tourism Product Evaluations." *Annals of Tourism Research*, 31 (3): 517-539.

- Sirgy, Joseph M. (2010) "Toward a Quality-of-Life Theory of Leisure Travel Satisfaction."  
Journal of Travel Research, 49 (2): 246-260.
- Song, Haiyan, Robert van der Veen, Gang Li, and Jason L. Chen (2012). "The Hong Kong Tourist Satisfaction Index." *Annals of Tourism Research*, 39 (1): 459-479.
- Soscia, Isabella (2007). "Gratitude, Delight, or Guilt: The Role of Consumers' Emotions in Predicting Postconsumption Behaviors." *Psychology & Marketing*, 24 (10): 871-894.
- Spreng, Richard A., Scoff B. MacKenzie, and Richard W. Olshavsky (1996). "A Reexamination of the Determinants of Consumer Satisfaction."  
Journal of Marketing, 60 (Jul): 15-32.
- Sun, XiaoXia, GengQing Chi, and HongGang Xu (2013). "Developing Destination Loyalty: The Case of Hainan Island."  
Annals of Tourism Research, 43: 547-577.
- Tabachnick, Barbara G., and Linda S. Fidell (2007). *Experimental Designs using ANOVA*.  
Belmont, CA: Duxbury Press.
- Tasci, Asli D. A., and William C. Gartner (2007). "Destination Image and its Functional Relationships." *Journal of Travel Research*, 45 (4): 413-425.
- Thomas, David L., and Ed Diener (1990). "Memory Accuracy in the Recall of Emotions."  
Journal of Personality and Social Psychology, 59 (2): 291-297.
- Tung, Vincent Wing Sun, and J. R. Brent Ritchie (2011). "Exploring the Essence of Memorable Tourism Experiences." *Annals of Tourism Research*, 38 (4): 1367-1386.
- Turner, Lindsay W., and Yvette Reisinger (2001). "Shopping Satisfaction for Domestic Tourists." *Journal of Retailing and Consumer Services*, 8 (1): 15-27.

- Um, Seoho, Kaye Chon, and Young Hee Ro (2006). "Antecedents of Revisit Intention." *Annals of Tourism Research*, 33 (4): 1141-1158.
- Vanhamme, Joëlle (2008). "The Surprise-Delight Relationship Revisited in the Management of Experience." *Recherche et Applications en Marketing*, 23 (3): 113-138.
- Walmsley, Dennis and Martin Young (1998). "Evaluative Images and Tourism: The Use of Personal Constructs to Describe the Structure of Destination Images." *Journal of Travel Research*, 36 (3): 65-69.
- Walsh, Gianfranco, Edward Shiu, Louise M. Hassan, Nina Michaelidou, and Sharon E. Beatty (2011). "Emotions, Store-Environmental Cues, Store-Choice Criteria, and Marketing Outcomes." *Journal of Business Research*, 64 (7): 737-744.
- Wang, Chun-yang, and Maxwell K. Hsu (2010). "The relationships of destination image, satisfaction, and behavioral intentions: An integrated model." *Journal of Travel & Tourism Marketing* 27 (8): 829-843.
- Watson, David, Lee A. Clark, and Auke Tellegen (1988). "Development and Validation of Brief Measures of Positive and Negative Affect: The Panas Scales." *Journal of Personality and Social Psychology*, 54 (6): 1063-1070.
- Westbrook, Robert A. (1987). "Product/consumption-Based Affective Responses and Postpurchase Processes." *Journal of Marketing Research*, 24 (Aug): 258-270.
- Westbrook, Robert A., and Richard L. Oliver (1991). "The Dimensionality of Consumption Emotion Patterns and Consumer Satisfaction." *Journal of Consumer Research*, 8 (1): 84-91.

- Wirtz, Derrick, Justin Kruger, Christie N. Scollon, and Ed Diener (2003). "What to Do on Spring Break? The Role of Predicted, On-Line, and Remembered Experience in Future Choice", *Psychological Science*, 14 (5): 520-524.
- Xu, J. B. (2010). "Perceptions of Tourism Products." *Tourism Management*, 31 (5): 607-10.
- Xu, J. B. (2010). "Perceptions of Tourism Products." *Tourism Management*, 31 (5): 607-610.
- Yu, Yi-Ting, and Alison Dean (2001). "The Contribution of Emotional Satisfaction to Consumer Loyalty." *International Journal of Service Industry Management*, 12 (3): 234-250.
- Yuksel, Atila (2004). "Shopping Experience Evaluation: A Case of Domestic and International Visitors." *Tourism Management*, 25 (6): 751-759.
- Yuksel, Atila (2007). "Tourist Shopping Habitat: Effects on Emotions, Shopping Value and Behaviors." *Tourism Management*, 28 (1): 58-69.
- Yuksel, Atila, and Fisun Yuksel (2007). "Shopping Risk Perceptions: Effects on Tourists' Emotions, Satisfaction and Expressed Loyalty Intentions." *Tourism Management*, 28 (3): 703-713.
- Yuksel, Atila, Fisun Yuksel, and Yasin Bilim (2010). "Destination Attachment: Effects on Customer Satisfaction and Cognitive, Affective and Conative Loyalty." *Tourism Management*, 31 (2): 274-284.
- Žabkar, Vesna, Maja Makovec Brenčič, and Tanja Dmitrović (2010). "Modelling Perceived Quality, Visitor Satisfaction and Behavioural Intentions at the Destination Level." *Tourism Management*, 31 (4): 537-546.

Zeelenberg, Marcel, and Rik Pieters (2004). "Beyond Valence in Customer Dissatisfaction: A Review and New Findings on Behavioral Responses to Regret and Disappointment in Failed Services." *Journal of Business Research*, 57 (4): 445-455.

Zhang, Hongmei, Xiaoxiao Fu, Liping A. Cai, and Lin Lu (2014). "Destination Image and Tourist Loyalty: A Meta-Analysis." *Tourism Management*, 40: 213-223.

Zins, Andreas H. (2002). "Consumption Emotions, Experience Quality and Satisfaction: A Structural Analysis for Complainers Versus Non-Complainers." *Journal of Travel & Tourism Marketing*, 12 (2): 2-18.

Figure 1: The Conceptual Model

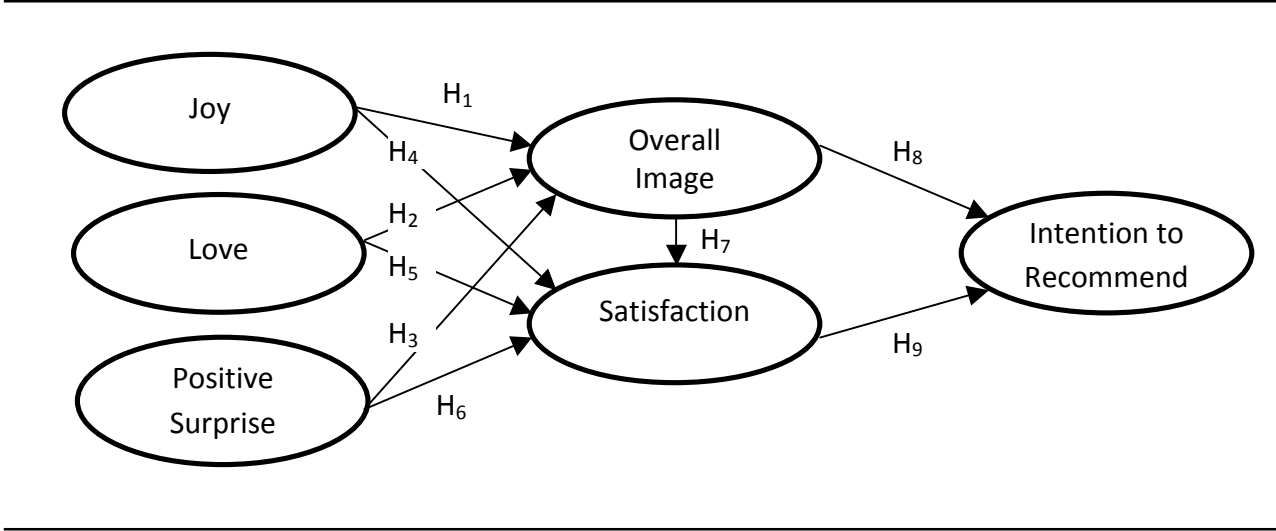


Table 1 Assessment of the Measurement Model: Reliability, Convergent and Discriminant Validity

Items	Standardised Loadings	t-statistic	Composite Reliability	AVE
<b>Joy</b>			.838	.513
I feel Cheerful toward Sardinia	.560	N/A <sup>a</sup>		
I feel a sense of Delight toward Sardinia	.718	11.68***		
I feel a sense of Enthusiasm toward Sardinia	.682	8.86***		
I feel a sense of Joy toward Sardinia	.763	9.48***		
I feel a sense of Pleasure toward Sardinia	.830	9.90***		
<b>Love</b>			.855	.662
I feel a sense of Affection toward Sardinia	.781	N/A <sup>a</sup>		
I feel a sense of Caring toward Sardinia	.813	18.44***		
I feel a sense of Love toward Sardinia	.846	14.82***		
<b>Positive Surprise</b>			.873	.579
I feel a sense of Amazement toward Sardinia	.837	N/A <sup>a</sup>		
I feel a sense of Astonishment toward Sardinia	.773	19.45***		
I feel Fascinated about Sardinia	.733	13.79***		
I feel a sense of Inspiration toward Sardinia	.639	11.55***		
I feel a sense of Surprise toward Sardinia	.810	15.83***		
<b>Overall Image</b>			.951	.907
Unfavourable-Favourable	.957	32.31***		
Very Negative-Very Positive	.948	N/A <sup>a</sup>		
<b>Satisfaction</b>			.953	.911
Very Dissatisfied-Very Satisfied	.949	33.48***		
Terrible- Delighted	.960	N/A <sup>a</sup>		
<b>Intention to Recommend</b>			.966	.906
I will recommend Sardinia to other people	.953	32.62***		
I will say positive things about Sardinia to other people	.970	34.91***		
I will encourage friends and relatives to visit Sardinia	.932	N/A <sup>a</sup>		

\*\*\* significant at the 0.001; AVE=average variance extracted; <sup>a</sup> In AMOS, one loading has to be fixed to 1, therefore no t-statistic can be computed for this item.

Table 2 Mean, Standard Deviation, and Inter-construct Correlations

	<b>Mean</b>	<b>SD</b>	<b>JOY</b>	<b>LOV</b>	<b>POS</b>	<b>OI</b>	<b>Satis</b>	<b>IntR</b>
<b>JOY</b>	5.33	1.28	<b>.72</b>					
<b>LOV</b>	4.86	1.76	0.69***	<b>.81</b>				
<b>POS</b>	5.08	1.36	0.71***	0.73***	<b>.76</b>			
<b>OI</b>	6.01	1.23	0.53***	0.50***	0.47***	<b>.95</b>		
<b>Satis</b>	6.04	1.26	0.53***	0.51***	0.50***	0.83***	<b>.95</b>	
<b>IntR</b>	6.23	1.16	0.58***	0.53***	0.52***	0.64***	0.68***	<b>.95</b>

*Note:* \*\*\* significant at the 0.001 level; JOY=joy; LOV=Love; POS= Positive Surprise; OI=Overall Image; Satis= Satisfaction; IntR= Intention to Recommend; Square root of average variance extracted (AVE) is shown on the diagonal of the matrix in boldface; inter-construct correlation is shown off the diagonal



Table 3 Results for the Hypothesised Model

	<b>Path Coefficient</b>	<b>t-value</b>	<b>Supported?</b>	<b>Direct Effects</b>	<b>Indirect Effects</b>	<b>Total Effects</b>
H <sub>1</sub> Joy– Overall Image	0.435	5.78 <sup>***</sup>	Yes	0.435	---	0.435
H <sub>2</sub> Love - Overall Image	0.256	4.77 <sup>***</sup>	Yes	0.256	---	0.256
H <sub>3</sub> Positive Surprise - Overall Image	0.057	0.51 <sup>n.s</sup>	No	---	---	---
H <sub>4</sub> Joy – Satisfaction	0.027	0.58 <sup>n.s</sup>	No	---	0.340	0.340
H <sub>5</sub> Love – Satisfaction	0.005	0.07 <sup>n.s</sup>	No	---	0.200	0.200
H <sub>6</sub> Positive Surprise – Satisfaction	0.159	3.69 <sup>***</sup>	Yes	0.159	---	0.159
H <sub>7</sub> Overall Image – Satisfaction	0.782	17.13 <sup>***</sup>	Yes	0.782	---	0.782
H <sub>8</sub> Overall Image – Intention to Recommend	0.656	4.20 <sup>***</sup>	Yes	0.656	0.316	0.972
H <sub>9</sub> Satisfaction – Intention to Recommend	0.404	3.97 <sup>***</sup>	Yes	0.404	---	0.404

<sup>\*\*\*</sup> Significant at the 0.001 level; <sup>n.s</sup> Not significant