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Testing a conceptual model of foreign tourists' perceptions of local food consumption: A cross-cultural distance approach

Purpose – This study was designed to examine a local food consumption model of the structural relationships between local food attributes, perceived benefits, terminal value, and behavioral intentions. The moderating effect of tourists' cultural background was also explored.

Design/methodology/approach – The structural relationships of foreign tourists' perceptions of local food consumption were conceptualized and hypotheses were proposed. A main survey was conducted using a large sample of 1,323 tourists in Hong Kong.

Findings – “Food quality,” “food novelty,” and “restaurant quality” significantly affected “emotional” and “epistemic benefit.” “Emotional benefit” had a significant effect on “terminal value” and “behavioral intention,” while “epistemic benefit” only influenced “terminal value.” The paths between “food quality” and “terminal value” and between “epistemic benefit” and “terminal value” showed cultural differences.

Practical implications – Local food marketers and DMOs need to promote the product features that are relevant to tourists' benefits. Restaurant marketers need to develop distinctive strategies for tourists from different national backgrounds.

Originality/value – This study proposed and empirically tested a new model of tourists' local food consumption, including two benefits, terminal value and behavioral intention.

Keywords: local food, attribute, benefit, value, behavioral intention, cross-cultural distance

Paper type: research paper

Introduction

The local food in a destination symbolizes regional or national identity (Ab Karim and Chi, 2010; du Rand and Heath, 2006). It helps to create an image of the destination and build brand equity (Fox, 2007). Thus, some countries reinforce the efforts of national food globalization (Kim *et al.*, 2016a; Mak *et al.*, 2012a; Sukalakamala and Boyce, 2007). Tourists' expenditure on local food has a substantial economic influence on a community or destination (Henderson, 2009; Plummer *et al.*, 2005). The effects of local food on a destination have also been studied in tandem with topics, such as local food as destination marketing tool (Ab Karim and Chi, 2010; Hjalager and Corigliano, 2000), local food systems and supply chains (Hall and Sharples, 2003; Smith and Xiao, 2008), and strategies for the development of local food tourism (Ottenbacher and Harrington, 2013; Telfer and Hashimoto, 2003).

Thus, there is increasing interest in local food tourism. However, a thorough literature review revealed a significant research gap. First, most food tourism studies have independently investigated local food attributes, benefits, values, and future intentions without understanding of causal relationships of these constructs (Choe and Kim, 2018). Little effort to assess the role of local food attributes in explaining benefits, value, and future intentions has been made. Second, no empirical study has used quantitative methods to examine the structural relationships between multi-dimensional local food attributes and behavioral intentions through benefits and terminal value. By conducting such a study, it is possible to understand any relationships among the meanings of local food in a tourism destination, their effect on consumption, and their association with actual local food tourism. In addition, most studies have selected one national sample group to identify tourists' perceptions of ethnic local food at the foreign destination, even though tourists are inherently embedded in different local food cultural backgrounds (Eves and

Cheng, 2007; Hartman *et al.*, 2015; McKercher and Chow, 2001). Thus, there is a need to compare food tourists' perceptions from a cross-cultural perspective.

In this study, local food is defined as food that is grown or produced in a local area; it can be specialty food or regionally branded food that represents a local identity. This study focuses on Hong Kong food because the sample of this study consists of international tourists to Hong Kong. Since Hong Kong cuisines reflect Cantonese food ingredients, recipes, and dietary culture, they are distinctive from other Chinese foods (Choe and Kim, 2018). This study had three major objectives. The first was to identify the attributes, benefits, and terminal value of local food in a tourism destination. The second was to investigate the structural relationships between local food attributes, benefits, terminal value, and behavioral intention, using structural equation modelling (SEM). The third was to compare SEM models between Asian and non-Asian groups to identify the moderating effect of cross-cultural difference. Through this study, we expect to improve our current understanding of the meanings decoded in the process of consuming local food in a foreign tourism destination.

Literature review and hypotheses

This section describes the dyadic relationships between the four constructs. The proposed structural model comprising multiple hypotheses is depicted in Figure 1. The overall model elucidates the sequential process of perception of a foreign tourist who experiences local food in a tourism location: that is, he/she perceives food benefits which are linked to final value through consuming food attributes.

[FIGURE 1 HERE]

Perception of local food attributes and benefits

Attributes indicate the features or characteristics of a product or service (Kim *et al.*, 2016b). Tourists' local food consumption in a destination is associated with diverse local food attributes (e.g., Guan, 2012; Kim *et al.*, 2016; Nield *et al.*, 2000). For example, Guan (2012) found that the attributes of local cuisine attractiveness were composed of special flavor, high reputation, authenticity, reasonable price, secret recipes, novelty, hygiene, food street, good service, distinctive surroundings, and special eating customs. Nield *et al.* (2000) identified local food quality, number of dishes, value for money, standard of local food services, variety of dishes, local food presentation, overall meal experience, speed of service, and attractiveness of surroundings as local food attributes in a destination.

Benefits refer to the desired outcomes from the consumption of a product (Meretse *et al.*, 2016). Previous studies have addressed a variety of the benefits of consumer products, including functional, social, affective, epistemic, aesthetic, hedonic, situational, and holistic benefits (Lai, 1995; Sheth *et al.*, 1991; Sweeney and Soutar, 2001). Most of the products in these studies correspond to durable goods, manufacturing goods, and service goods. However, the characteristics of such products are different from those of local foods that foreign tourists can enjoy in a tourism destination (Björk and Kauppinen-Räsänen, 2017; Choe and Kim, 2018; Kim *et al.*, 2012; Mkono *et al.*, 2013). For example, the benefits that a foreign tourist perceives through eating local foods include exotic enjoyment, the curiosity of eating novel local food, interest in the host country's food culture, expectation of good memories, and self-expression as a tourist compared to their friends who do not experience such foods and environments (Choe and Kim, 2018; Mak *et al.*, 2012a, 2012b, 2017). Therefore, two types of benefits are gained from local food consumption at a tourism destination overseas: emotional and epistemic.

Regarding emotional benefits, Barrena and Sánchez (2013) investigated diners' acceptance of novel food by examining the hierarchical value map; for example, the food attributes of *couscous* (a novel ethnic food), such as appearance and taste, were linked to emotional benefits, such as being appetizing and enjoyable to eat. Although Barrena and Sánchez's (2013) study was conducted in the daily context, it provides a basis for anticipating how tourists will benefit from the attributes of new local food they experience at a tourist destination. Lee (2014) found that Korean food attributes such as diversity, low fat ingredients, and familiarity were strongly associated with emotional benefits such as enjoyment of taste, vitality of life, psychological relaxation, comfort, and positive attitude. In particular, diners appreciated vitality of life and psychological relaxation as very important emotional benefits of consuming Korean food.

Consuming exotic cuisine in an overseas tourism location can also provide epistemic benefits such as fulfilling curiosity, experiencing novelty, and gaining knowledge because most tourists consider local food consumption as a novel experience and a means by which to expand their knowledge or cultural capital (Quan and Wang, 2004). When visitors experience local cuisines, they are not simply gaining nutrition from food, but are going through the process of learning and adaptation (Long, 2004). Through local food consumption, tourists learn about the history of different cultures and can explore traditions and unique cultures (Fields, 2002; Hjalager and Corigliano, 2000; Madaleno *et al.*, 2017). That is, tourists can learn about new ways of cooking and eating, the local food ingredients used in the dish, and stories about the local cuisine. The following hypothesis is therefore proposed.

Hypothesis 1: Local food attributes have a positive effect on the benefits a tourist seeks from consuming local food.

Perception of local food attributes and terminal value

Value refers to the end state of existence or to ultimate modes of living that have been idealized (Arsil *et al.*, 2014; Barrena *et al.*, 2015; Gutman, 1997). Various studies have attempted to assess the perception of value, which is essential in understanding tourists' ultimate travel goal (Watkins and Gnoth, 2011; Wu *et al.*, 2009). The most popular instrument for assessing value is the nine-item List of Values (LOV) (Kahle, 1983), which measures the following: sense of belonging, excitement, fun and enjoyment, warm relationships with others, self-fulfillment, being well respected, sense of accomplishment, security, and self-respect.

Unlike Kahle's (1983) LOV, which does not address the classification of consumer values, Rokeach's (1973) typology has been very popularly used. According to Rokeach (1973), there are two types of values: terminal and instrumental. Terminal values refer to end-states that consumers seek to achieve for themselves (Pitts *et al.*, 1991; Rokeach, 1973). For example, an individual feels the happiness, security, well-being, or self-accomplishment accrued by using a product. Thus, the terminal values are manifested in a high-end mental state which an individual seeks in a psychological hierarchy. However, instrumental values are concerned with modes of behavior (Gutman, 1982; Rokeach, 1973). For example, they include honesty, courage, and broad-mindedness, which elucidate moral or ethical conditions well. Thus, tasting local food is likely to provide terminal rather than instrumental value because its utility is germane to psychological benefits which a tourist can seek directly in a tourism place rather than indicating innate character, human nature, or behavioral morality.

The terminal values sought from tasting local food in overseas destinations differ from emotional or epistemic benefits because terminal values refer to the high-level mental state perceived through seeking these benefits. The terminal values have abstract social aspects or

aspects that extend beyond the self, such as happiness, self-actualization, love, and curiosity about another world. Comparatively, since benefits are less abstract than values and are met by direct consumption at the diner's individual experience level, individual benefits are more diverse than terminal values. Thus, the number of benefits is greater than the number of terminal values (Ha and Jang, 2013; Jeng and Yeh, 2016).

Perceptions of food attributes lead to perceptions of a food's terminal value. Food attributes such as the quality and nutrition of ethnic food have also been associated with good eating habits and healthy food, and linked to enhanced quality of life and security (Barrena and Sánchez, 2013). Likewise, Kivela and Crofts (2006) emphasized that gastronomy is an important attribute that plays a major role in affecting tourists' overall experience in a destination. Nield *et al.* (2000) found that food service attributes such as quality of food, value for money, variety of dishes, attractiveness of surroundings, and presentation of food significantly affected tourists' overall satisfaction with their local food experiences. Tasting local food is traditionally regarded in the hospitality field as a fundamental factor that results in high-end values such as a sense of fulfillment, happiness, hedonism, and interest in other worlds (Choi and Kim, 2018; Kivela *et al.*, 1999; Sulek and Hensley, 2004). In summary, a tourist who has a positive perception of local food attributes is likely to perceive a higher level of terminal value. Therefore, the following hypothesis is proposed.

Hypothesis 2: Local food attributes have a positive effect on tourists' perceptions of terminal value.

Benefits and terminal value

In a model of consumer value for the consumer market, the results of Lai's (1995) study implied that benefits lead to consumer value, even though he did not test the relationship. In the

local food consumption context, there has been limited effort to test the relationship. As discussed, those who perceive benefits from eating local food are likely to perceive terminal value. By consuming hospitality and tourism products, a tourist may be in search of the emotional benefits that a food diner can gain, including fun, pleasure, enjoyment, and satisfaction (Barrena *et al.*, 2015; Gursoy *et al.*, 2006; Voss *et al.*, 2003; Kim *et al.*, 2018). The emotional benefits of eating food finally lead to high-end value (Barrena *et al.*, 2015; Barrena and Sánchez, 2013; Ha and Jang, 2013). For example, Ha and Jang (2013) discovered that diners who perceived positive emotional benefits, such as keeping good relationships with family/friends, building good memories, and good mood, also perceived ultimate values, such as self-esteem and a keen interest in creating social bonds.

Second, studies have indicated that epistemic benefit positively affects customers' high-order terminal value toward a provided facility or service (Getz *et al.*, 2014; Jang and Feng, 2007; Kim *et al.*, 2016; William and Soutar, 2009). For example, Getz *et al.* (2014) found that the experiential qualities of authenticity and uniqueness perceived by consuming food help to enhance the perception of terminal values such as self-actualization and the pursuit of a happy life. Consequently, both the emotional and epistemic benefits of experiencing local food in an exotic destination are likely to affect tourists' perceptions of ultimate value. Thus, the following hypothesis is proposed.

Hypothesis 3: The benefits of consuming local food have a positive effect on the perception of terminal value.

Benefits and behavioral intention

Ajzen and Fishbein (1980) defined behavioral intention as the likelihood that a person will engage in a specific behavior. Behavioral intention is an antecedent of behavior in the future

(Zeithaml *et al.*, 1996). Thus, most studies use tourists' intention to revisit a restaurant and willingness to recommend the establishment to others as their key outcome measures. In the food tourism context, the concept of behavioral intention includes the intention to revisit a destination and spread information through word of mouth (Arsil *et al.*, 2014; Kivela and Crofts, 2006; Madaleno *et al.*, 2017).

The literature indicates that benefits are the key antecedents of diners' behavioral intention (Chang *et al.*, 2010; Ha and Jang, 2010; Williams and Soutar, 2009). For example, diners who gain emotional benefits such as relaxation and excitement from eating local food are more willing to revisit an ethnic restaurant (Ha and Jang, 2010). In a similar vein, eating pleasure and learning benefit were found to significantly influence tourists' future intentions (Kivela and Crofts, 2006). Chang *et al.* (2010) discovered that Chinese tourists who described local food in Australia as "unknown food" and "authentic foreign cuisine" were more likely to recommend the destination to their friends. Getz *et al.* (2014) found that tourists' behavior, such as the number of local food events they attended, differed according to the benefits they were seeking (Getz *et al.*, 2014). Based on the findings of previous studies, it is assumed that when tourists perceive the positive emotional and epistemic benefits of a behavior, their intention to engage in the behavior will increase. Therefore, tourists are likely to make relevant recommendations or eat the local cuisine again in the future. The relationship between benefits and behavioral intention is proposed in the following hypothesis.

Hypothesis 4: The benefits that tourists seek from consuming local food have a positive effect on their behavioral intention.

Terminal value and behavioral intention

An individual's value perception, which is the most abstract aspect of social cognition, determines what an individual does in a situation (Bardi and Schwartz, 2003; Kahle, 1980). In other words, a consumer's behavior can be affected by their personal value orientation. For example, a tourist who pursues hedonic value will rejoice in fun or like deviant behavior in a tourism place regardless of organizational/national culture when away from home (Kim and McKercher, 2011). Lee *et al.* (2014) produced a hierarchical value map of Chinese consumers' healthy drink consumption decisions within the Chinese market. They found that Schwartz's personal values such as security, hedonism, benevolence, and self-direction were associated with healthy drink consumption decisions.

Ha and Jang (2013) identified consumer-dining values according to different types of restaurant. The most important terminal values for fast food restaurant diners were convenience, success, and economy; for casual restaurant diners, emotional value and belonging value were more important; and for customers of fine dining restaurants, emotion value and quality of life value were most appreciated. This finding indicates that different terminal values lead to different dining behaviors.

Bardi and Schwartz (2003) stated that most behavior could be explained by multiple abstract values. For example, people on food tourism trips may seek various values including enjoying different food from that in their own country (pursuit of knowledge curiosity toward other cultures), compliance with their friends' expectations (conformity value), gaining energy from new experiences (personal happiness value), and relaxation in an exotic space (fun and enjoyment value). Therefore, it can be assumed that tourists' behavioral intention, such as willingness to recommend the local food to others or willingness to return to the destination to

taste the local cuisine, depends on the level of perceived value. However, studies have not explored the link between terminal value and consumption behavior in a local food tourism context. Based on the above discussion, the following hypothesis is proposed.

Hypothesis 5: Perception of terminal value has a positive effect on behavioral intention

Effects of tourists' cultural background as a moderating variable

There is plenty of evidence that tourists' local food preferences and evaluations differ according to their cultural background (Choe and Kim, 2018; Mak *et al.*, 2012a; Nield *et al.*, 2000; Torres, 2002). Foreign tourists compare their own food culture to the local food culture when they experience the novel cuisine at the tourist destination (Mak *et al.*, 2012b, 2017; McKercher and Chow, 2001); for example, compared with Taiwanese tourists, British tourists have a greater cultural distance in terms of experiencing the food culture in Hong Kong (Mak *et al.*, 2017). Thus, local food can sometimes be more of an impediment than an attraction, especially when Western tourists travel to developing countries (Cohen and Avieli, 2004). Studies have documented that concerns about hygiene, communication difficulties, level of authenticity, and food neophobia (reluctance to accept novel food) can discourage people from trying the local cuisine in certain destinations (Cohen and Avieli, 2004; Hall and Sharples, 2003; Kim *et al.*, 2009).

However, different local food can act as a facilitator in attracting foreign tourists who have a desire to enjoy new food and learn about a different culture (Getz *et al.*, 2014). Many tourists generally try and experience the local food in a tourism destination because they appreciate the cultural aspects of food and are curious about other ethnic food cultures (Kim and Eves, 2012; Sparks *et al.*, 2003). In particular, distinct food preferences can be different between

Asian diners and non-Asian diners because they have differences in relation to a variety of factors, including geographic conditions, climate, cultural ethnicity, and history (Choe and Kim, 2018; Mak *et al.*, 2017; Tse and Crofts, 2005). For example, Choe and Kim (2018) stated that the degree of obtaining learning value from Hong Kong food culture was higher among tourists from Western countries than among tourists from Mainland China. In addition, the pleasure of socializing with people while experiencing local food in Hong Kong was more pronounced for Western tourists than for Asian tourists.

Tse and Crofts (2005) examined how the uncertainty avoidance index (UAI) was correlated with the number of cuisines experienced in Hong Kong. It was found that tourists from low uncertainty avoidance countries such as Singapore and Mainland China sampled a greater number of Hong Kong local specialties than tourists from high uncertainty avoidance countries such as Australia and some European countries. Thus, tourists' different food cultures determine their different cultural food values and cognitive interpretations when they experience local food at foreign tourist destinations (Eves and Cheng, 2007; Nisbett, 2010). On the basis of previous studies, Asian and non-Asian tourists' perceptions of the local food at a destination are assumed to differ. Thus, the following hypothesis is proposed:

Hypothesis 6: The local food consumption model will differ between Asian and non-Asian tourists.

Methodology

Measurement

The measurement items were developed through an extensive literature review, pre-test, and pilot test. Initially, a thorough literature review of food attributes, benefits, values, and behavioral intention was conducted. The items for each construct were then derived and

modified to fit the context of local food tourism. First, a pool of initial items for measuring local food attributes was extracted on the basis of a review of previous food and food tourism studies (Guan, 2012; Jang *et al.*, 2009; Kim *et al.*, 2014; Lee, 2014; Lee *et al.*, 2009). Second, a pool of items representing the benefits obtained from consuming local food in a destination was operationalized on the basis of previous studies (Cerjak *et al.*, 2014, Chrysohoidis *et al.*, 2005; Ha and Jang, 2013; Kim and Eves, 2012). A pool of items to indicate local food consumption value was adopted from Khale's (1986) LOV and other studies in the food tourism context (Barrena and Sánchez, 2013; Getz *et al.*, 2014; Jang and Feng, 2007). Lastly, items to measure future intention after experiencing local food were adopted from previous studies (Kim *et al.*, 2014; Kivela and Crofts, 2006).

Before conducting the pilot test and main survey, a pre-test to verify the face validity of the items was implemented with 50 graduate students in Hong Kong who were majoring in hospitality and tourism. The respondents recommended using the words “authentic,” and “dumplings, noodles, and rice” to manifest the features of Hong Kong local food. Accordingly, these terms were included in the food attribute items. Then, a pilot test was conducted using a sample of 94 respondents who were traveling from different regions: 20 from the U.S.A. and Europe, 20 from mainland China, 10 from Taiwan, 25 from Korea, and 19 from Japan. Some respondents commented on the vagueness of the local food items and advised specifying local foods. Regarding the behavioral intention items, the respondents advised that examples of social media should be given, rather than simply describing positive reviews on social media. In addition, some of the interviewees commented on the difficulty of understanding what Hong Kong local food was being referred to without any pictorial information.

These comments were considered in the development of the main survey questionnaire. For example, photos of Hong Kong local foods and their names were included in the questionnaire to help tourists understand their local food experiences. The local food which local people usually eat included traditional Cantonese foods such as Dim Sum, sea food, wonton soup, porridge, and barbeque. The original questionnaire was developed in English, and was translated into Chinese, French, German, Korean, Japanese, and Thai. There were two groups of translators: professors in hospitality management who spoke different languages, and professional translators who were working for a translation company. After compiling a draft, the translators were requested to back translate it into English. After comparing the two versions, the final versions were completed. All items, with the exception of sociodemographic, restaurant-related, and travel-related variables, which were measured using categorical data type, were measured using 5-point Likert scales (1 = “strongly disagree”; 3 = “neutral”; and 5 = “strongly agree”).

Data collection

Data were collected at the Hong Kong International Airport between November 1, 2016 and June 30, 2017. The survey was administered on both weekends and weekdays to reflect differences in the travel-related characteristics of tourists. Thirteen undergraduate students were employed as interviewers after receiving interview training that included method of contact with potential respondents, explanation of the research objectives, explanation of the definition of local food, and the need to write a respondent’s name on the questionnaire. The interviewers received a monetary incentive (US\$4 per questionnaire). Now that the interviewers were undergraduate students of the researcher they willingly participated in this survey. To confirm

whether each questionnaire was answered by the respondent it was asked for interviewers to receive signatures of the respondents on the questionnaire. It is also a school requirement to submit the list to the University the researcher is affiliated with.

To select appropriate respondents for the purpose of this study, two screening questions were applied: “Did you taste local food during your stay in Hong Kong?” and “Was tasting local food important during your trip to Hong Kong?” Those who had experienced local food at least once and confirmed the importance of tasting local food were selected.

To select a diversified sample of tourists, the interviewers were assigned to collect participants from specific national or regional groups. Interviewers approached passengers who checked in at the counter of each country’s national carrier. Interviewees who were resident in Hong Kong or did not pass the two screening questions were not asked to fill out the questionnaire. As a token of gratitude for participating in the survey, a gift (equivalent to US\$5) such as a shopping bag, fridge magnet, postcard, or luggage bag tag was provided. A total of 1,392 questionnaires were collected. However, 50 questionnaires containing many missing values and 19 questionnaires with only one category number on the 5-point Likert scale measurements checked were removed from the dataset. Therefore, 1,323 questionnaires were included in the data analysis.

Data analysis

The data analysis consisted of four steps. After testing the frequencies of all variables, exploratory factor analysis (EFA) was conducted to identify the underlying dimensions of four constructs: local food attributes, terminal benefits, value, and behavioral intention. Then, SmartPLS 3.0 was used to confirm the measurement model and correlation paths. Lastly, multi-

group analysis using SmartPLS 3.0 was conducted to identify differences in the path coefficients and test the moderating effect of tourists' cultural background. Partial least square structural equation modeling (PLS-SEM) is based on principal component analysis, which maximizes the variance explained by endogenous variables and is appropriate for exploratory research (Doh *et al.*, 2017).

PLS analysis is suitable for assessing models with complex relationships and there are minimal restrictions on the measurement scale and residual distribution (Hair *et al.*, 2011). If the research objective is to predict target constructs or identify antecedents rather than confirming a theory, PLS-SEM should be conducted rather than covariance-based SEM (Hair *et al.*, 2011). Since this study firstly attempts to examine the interrelationships among local food attributes, benefits, terminal value, and behavioral intention in the tourism context, which is more exploratory in nature, the use of PLS was appropriate for the aim of this current research.

Results

Demographic profile and travel-related characteristics

Nearly 55% of the respondents were male, and about 51% were married. The majority of the respondents (about 73%) were college graduates or above. With regard to employment, company employees made up the largest proportion of the participants (almost 30%). Regarding age, approximately 33% of the respondents were in their 30s. The annual household income category with the highest percentage of respondents was US\$10,001–40,000 (37%). The respondents' countries of origin were as follows: European countries and Russia (38%), America (12%), China and Taiwan (11%), Australia and New Zealand (9%), Korea and Japan (7%), and Africa (6%); approximately, 17% of the respondents were from other Asian countries.

Regarding travel-related characteristics, about 42% of the respondents reported that this was their first visit to Hong Kong. About 58% were visiting Hong Kong for leisure purposes. The most popular restaurants visited by tourists were local restaurants where Hong Kong residents usually eat (n=734), followed by casual dining restaurants (n=692), local restaurants strongly recommended by a friend or tour guide (n=466), fine dining restaurants (n=418), and Michelin-starred restaurants (n=156).

Exploratory Factor Analysis (EFA) and reliability test

According to DeVellis (2003), the generalizability and reliability of the results can be demonstrated by replicating a factor analytic solution using a separate sample. Moreover, confirmatory factor analysis (CFA) models must not be specified based on EFA results from the same sample (Hair *et al.*, 2010; Kline, 2011). Therefore, the data were randomly divided into two sets for cross-validation. EFA was used for the first dataset (n=666) and CFA for the second (N=657).

To extract the underlying domains of local food attributes, principal components and promax rotation methods were used. As shown in Table 1, the factor analysis using 12 items generated a 3-factor model in which the items had an eigenvalue greater than 1.0. The factor structure explained 57.74% of the variance. All factor loadings, the correlations between the observed measurements and the factors, exceeded Stevens' (2002) criterion of 0.40. All reliability alpha scores within the three domains were greater than 0.68, close to Nunnally's (1978) criterion of 0.70, indicating the internal consistency of the items within each factor. The extracted domains were labeled "food quality," "food novelty," and "restaurant quality." The mean values for the 12 items ranged from 3.49 to 3.96.

EFA of the nine items measuring the benefits of local food consumption using principal components and promax rotation methods generated a two-factor model in which the items had an eigenvalue greater than 1.0. The factor structure explained 65.44% of the variance. All factor loadings were greater than 0.58, and all reliability alpha scores were higher than 0.83. The extracted domains were labelled “emotional benefit” and “epistemic benefit.” The mean scores for the nine items ranged from 3.41 to 3.86.

EFA of the seven local food consumption value items and four behavioral intention items generated a single-factor model for each. Each construct explained 53.92% and 65.72% of the variance, respectively, and all factor loadings were greater than 0.68. The reliability alphas were 0.86 and 0.82, respectively. The results are reported in Table 2.

[TABLES 1 AND 2 HERE]

Confirmatory factor analysis

CFA was conducted using SmartPLS 3.0 software with the second half of the data ($N=657$). First, indicator reliability was assessed by examining the confirmatory factor loadings. All indicator variances were statistically significant at the 0.05 level. One item (“It was an opportunity to taste adequate local food portion”) that had a standardized factor loading of less than 0.6 was removed based on the recommendation of Bagozzi and Yi (1988). In the revised measurement model, all factor loadings were significant and above the cut-off point of 0.6. The AVE values were all greater than 0.5, confirming convergent validity (Bagozzi and Yi, 1988). Composite reliability and Cronbach’s alpha were calculated to assess internal consistency. All composite reliability values were greater than 0.84 and all Cronbach’s alpha values were greater than 0.71, thus indicating a sufficiently high level of reliability (Hair *et al.*, 2011). Furthermore, Fornell and Larker’s (1981) test of shared variance between pairs of constructs and cross-

loadings was used to assess discriminant validity. As shown in Table 4, the squared roots of the AVE values for each construct were greater than the corresponding inter-construct correlations. All of the items loaded on their intended constructs and there were no cross-loading items, thus confirming discriminant validity.

[TABLES 3 AND 4 HERE]

Hypothesis testing

The results of the structural equation model testing are displayed in Figure 2. Compared with the proposed model shown in Figure 1, the model in Figure 2 contains three local food attribute domains, two benefits domains, a single terminal value domain, and a single behavioral intention domain. The structural model was finally estimated with the whole dataset ($n=1,323$) using SmartPLS and a bootstrap resampling method to obtain p -values. Table 5 reports the parameter estimates for the hypothesized direct paths. R^2 values to explain the power of explaining each endogenous variable by exogenous variables are reported in Figure 2. The R^2 values to predict emotional benefit, epistemic benefit, terminal value, and behavioral intention were .46, .45, .61, and .50, respectively.

Hypothesis 1 was supported. Food quality, food novelty, and restaurant quality positively affected emotional benefit ($\beta=0.32$, $\beta=0.29$, $\beta=0.20$; all $p<0.001$), while food quality, food novelty, and restaurant quality positively affected epistemic benefit ($\beta=0.28$, $\beta=0.35$, $\beta=0.17$; all $p<0.001$). Hypothesis 2 was partially supported. Food quality and restaurant quality positively affected value ($\beta=0.14$, $\beta=0.15$; all $p<0.001$), while food novelty did not affect terminal value ($\beta=-0.03$, $p>0.05$). Hypothesis 3 was supported. Emotional benefit and epistemic benefit had a positive influence on value ($\beta=0.47$, $\beta=0.19$; all $p<0.001$). Hypothesis 4 was partially supported. Emotional benefit positively influenced behavioral intention ($\beta=0.39$, $p<0.001$), whereas

epistemic benefit did not ($\beta=0.03, p>0.05$). Hypothesis 5 was supported. Terminal value had a positive effect on behavioral intention ($\beta=0.35, p<0.001$).

[FIGURE 2 AND TABLE 5 HERE]

With regard to the moderating effect of tourists' cultural background, PLS-based multi-group analysis (MGA) was used to identify the differences in the path coefficients and test Hypothesis 6. A bootstrapping resampling procedure for each sample was used and the parameter estimates of the two samples obtained from bootstrapping were used as the input to test the hypotheses regarding the group differences (Gomez *et al.*, 2015). Prior to conducting the multi-group analysis, the profiles of the two groups were compared. The Asian and non-Asian groups showed no large discrepancy in terms of gender and age percentages. However, there was a difference between the two groups in terms of average annual household income level: the highest percentages of Asian tourists and non-Asian tourists were found in the US\$10,001-25,000 category and the US\$40,001-55,000 category, respectively.

Table 6 indicates the parameter estimates for the hypothesized paths for each sample and the probability that there was a significant difference in the parameters between the two samples. The results demonstrate that the positive influence of food quality on value (H2-1) was stronger for Asian tourists ($\beta=0.21, p<0.05$) than non-Asian tourists ($\beta=0.12, p<0.05$), and the difference between the two groups was significant (MGA p-value =0.078) at the 0.1 level. The positive effect of epistemic benefit on value (H3-2) was stronger for non-Asian tourists ($\beta=0.23, p<0.05$) than Asian tourists ($\beta=0.11, p>0.05$), and the difference was significant (MGA p-value = 0.082) at the 0.1 level. However, the other parameters showed no significant difference between the two samples at the 0.1 level. Therefore, Hypothesis 6 was partially supported.

[TABLE 6 HERE]

Discussion and implications

Based on the above results, the key findings of the study are discussed as follows. First, the characteristics and features of local food were influential in explaining both emotional benefit and epistemic benefit. For example, tourists who perceived a local restaurant as clean, exhibiting value for money, and having an exotic ambience were more likely to seek a higher level of emotional and epistemic benefits. This result is consistent with studies that have found a strong relationship between local food attributes such as food quality, food novelty, and restaurant quality and customers' perceived benefits (Barrena and Sánchez, 2013; Meretse *et al.*, 2016; Mkono *et al.*, 2013). This finding provides evidence of the “self-relevant consequences” that consumers believe they will gain from the consumption of a product (Grunert, 1995). It demonstrates how local food characteristics (e.g., food quality, food novelty, restaurant quality) are closely linked to tourists' self-relevant consequences such as generating excitement, discovering new tastes, and learning about another culture.

Second, it is interesting to note that food quality and restaurant quality were significant predictors of terminal value, whereas food novelty was not. This result supports those of previous studies indicating that local food attributes such as quality, nutrition, and variety of dishes were strongly related to terminal value (Barrena and Sánchez, 2013; Lee, 2014; Nield *et al.*, 2000). It is noteworthy, however, that tourists perceived terminal value only through the perceived benefits of food novelty. A potential explanation of this result is that the typology of tourists greatly differs with respect to local food consumption (Hjalager, 2002; Hall and Sharples, 2003; Torres, 2002). For some tourists, experiencing different tastes, flavors, sauces, and smells in a destination may make them feel not happy or satisfied, but instead uncomfortable and unfamiliar (Bardhi *et al.*, 2010; Cohen, 2004; Torres, 2002).

Third, emotional benefit significantly affected behavioral intention, whereas epistemic benefit did not. To some extent, this result is unexpected because previous studies have suggested that when tourists discover something new and learn about the local food culture, they are more willing to recommend the destination to others and to revisit in the future (Chang *et al.*, 2010; Getz *et al.*, 2014; Ha and Jang, 2010; Kivela and Crotts, 2006). The result may indicate that tourists are unlikely to have positive behavioral intentions even if they perceive some learning or educational benefits from eating the local cuisine in a destination. They are more likely to recommend the local food to others and to taste the local cuisine again in the future through perceiving the terminal value and experiencing both emotional and epistemic benefits.

Fourth, terminal value showed a significant direct effect on behavioral intention. This confirms the previous finding that terminal value determines how an individual acts in a situation (Bardi and Schwartz, 2003; Furst, et al., 1996; Kahle, 1980; Lee *et al.*, 2014). This finding adds value because it is the first attempt to empirically prove the influence of terminal value on tourists' behavioral intention in the contexts of tourists' local food experiences.

Fifth, the results of the path invariance tests indicated that one of the local food attributes, food quality, had significantly more influence on terminal value for the Asian tourists than the non-Asian tourists. It can be inferred that demonstrating the high quality, delicious, and visually appealing local cuisine by showing more pictures of the menu (e.g., rice, noodles, and dumplings) should be effective in enhancing tourists' terminal value, especially Asian tourists. These basic attributes should be emphasized more to Asian than non-Asian tourists by developing different ethnic menus and promoting different types of ethnic food.

Sixth, the results of the path invariance tests showed that epistemic benefit had a significantly higher impact on terminal value for the non-Asian tourists than it did for the Asian

tourists. This finding indicates that the influence of epistemic benefit on terminal value differs according to the cultural background of the tourists: that is, non-Asian tourists perceive epistemic benefit as contributing more to psychological happiness than Asian tourists do. Food culture distance theory defines food culture distance as the perceived distance in food culture between the home market and a foreign market (Azar, 2011; Evans and Mavondo, 2002). In this case, the food culture distance between Hong Kong and non-Asian countries will be greater than that between Hong Kong and Asian countries. The reason for this is that different regions have developed their own food cultures on the basis of different climate and geographical factors; for example, Asia has developed a rice-based culture based on their monsoonal climate, while Europe, the Middle East, and Africa have developed wheat-based cultures based on dry and cool weather (Kittler et al., 2011; Menzel and D’Aluisio, 2005). Thus, non-Asian tourists who are based in wheat- or corn-based cultures will appreciate Hong Kong local food that reflects important aspects of Asian culture more. This supports the results of previous studies that have found that cultural difference plays an important role when it comes to local food consumption (McKercher and Chow, 2001; Mak *et al.*, 2012a; Kim *et al.*, 2014).

This study offers several important academic implications. First, we developed a conceptual model of local food consumption and empirically tested it. The conceptual model differs from those of previous studies that simply addressed the dyadic relationships between two constructs, such as local food attributes and benefits (Barrena and Sánchez, 2013; Lee, 2014; Mkono *et al.*, 2013), attributes and value (Barrena *et al.*, 2015; Lee *et al.*, 2009), benefits and value (Getz *et al.*, 2014; Jang and Feng, 2007), benefits and intention (Chang *et al.*, 2010; Kivela and Crotts, 2006), and value and intention (Bardi and Schwartz, 2003; Kim *et al.*, 2018).

Therefore, the model should benefit future studies aiming to identify the sequential relationships between local food attributes and the intention to consume local food in a foreign tourism place.

Second, our sample included various foreign tourists, whereas most food tourism studies have explored the perceptions of one homogenous national group (Alderighi *et al.*, 2016; Chang *et al.*, 2010; Kim *et al.*, 2018; Kim and Eves, 2012). This study compared the structural models between two culturally different groups to examine the moderating effect of cultural differences on perceptions of local food, using a large sample comprising diverse national, ethnic, and racial groups. Therefore, the findings make an important contribution to understanding the function of local food in international food tourism.

The findings of this study also provide insightful practical implications for local food businesses and DMOs. First, the conceptual model indicates which local food attributes influence the behavioral intention to taste or promote local food through benefits and terminal value. Thus, local food businesses can easily understand the links between benefits and attributes, benefits and value, value and behavioral intention, and benefits and behavioral intention. Second, the effects of local food attributes such as food quality, food novelty, and restaurant quality on both emotional and epistemic benefits were significant. This suggests that restaurant marketers should emphasize the characteristics of local cuisines by explaining how those product features are relevant to tourists' benefits. For example, a certification system could be introduced to emphasize the restaurant quality in a destination.

Food novelty did not directly affect terminal value; however, an indirect effect ($.29 \times .47 = .14$, $p < .001$) was found through emotional benefit. It means that food novelty does not affect terminal value directly, whereas indirect effects, such as food novelty to terminal value through emotional benefit, exist. Therefore, local restaurants should capitalize on emotional

aspects formulated by food novelty. Restaurant staff should be trained to gently persuade tourists about the benefits of experiencing local cuisines. Local restaurants should make the most of menu descriptions to explain the benefits of local cuisines to overseas tourists.

As the findings show, tourists who obtained emotional benefit from experiencing the local food had more positive behavioral intentions. Thus, local food marketers should consider how to maximize the effects of emotional benefits through their marketing channels. Emphasizing positive feelings such as excitement, relaxation, good memories, and nostalgia can help to create positive intentions. Images such as boasting about tasting local food to family and friends can be used in marketing brochures, video clips, and promotional advertisements for future tourists.

This finding implies that a restaurant needs to develop a story-telling program to enhance non-Asian tourists' satisfaction and stimulate reminiscence through the interpretation of food ingredients and introducing local food history or anecdotes. For example, why do local restaurants offer hot food and hot tea even in Hong Kong's hot summers? How is dim sum made? Why are steamed chickens hung outside a restaurant? Why are all ingredients, even vegetables, scalded in a large pan of hot oil? It is argued that food marketers need to adapt their marketing strategies to a large extent when there are cultural differences in consumer food behavior (Azar, 2011; Getz, 2014; Mak *et al.*, 2012a).

Conclusions

In conclusion, the diverse characteristics of local cuisines in a destination play a crucial role in tourists' perception of benefits, terminal value, and future intention. Foreign tourists' cultural background has a moderating effect in the local food consumption model. This study is valuable because the proposed model manifests the importance of local food in satisfying tourists

and increasing their intention to revisit. Structural equation modeling was very effective for understanding foreign tourists' psychological reactions holistically, compared with previous studies that dealt with the mutual relationships between two constructs. Consequently, not only food stakeholders but also DMOs may gain useful insights into how to enhance tourists' satisfaction through experiencing the local cuisine and successfully promoting the national brand.

Limitations and suggestions for future studies

This study is vulnerable to some limitations. First, the perception of local food attributes can vary according to the type of food. Further research is needed to compare the results of this study with those of studies conducted with food from other nations or local food with diverse tourist groups because the societal, cultural, and artistic values attached to local food are likely to differ across societies and cultures (Chang *et al.*, 2010; Kim *et al.*, 2016a; Mak *et al.*, 2012a; Sukalakamala and Boyce, 2007).

Second, this study did not analyze the data according to the different types of restaurants. For example, eating dim sum might differ from fine dining, a casual restaurant, and street food stalls. It would be interesting to compare the results according to restaurant types in a future study. Lastly, the findings may be more helpful to DMOs and food marketers if the moderating effect of tourists' specific nationality could be examined. Moreover, further research is needed to determine whether the results of this study differ with respect to tourists' social demographic characteristics such as gender, age, and income.

References

- Ab Karim, S. and Chi, C.G. (2010), "Culinary tourism as a destination attraction: An empirical examination of destinations' food image", *Journal of Hospitality Marketing & Management*, Vol. 19 No. 6, pp. 531-555.
- Ajzen, I. and Fishbein, M. (1980), *Understanding attitudes and predicting social behavior*, Prentice-Hall, Englewood Cliffs, NJ.
- Alderighi, M., Bianchi, C. and Lorenzini, E. (2016), "The impact of local food specialities on the decision to (re) visit a tourist destination: Market-expanding or business-stealing?", *Tourism Management*, Vol. 57, pp. 323-333.
- Arsil, P., Li, E., Bruwer, J. and Lyons, G. (2014), "Exploring consumer motivations towards buying local fresh food products: A means-end chain approach", *British Food Journal*, Vol. 116 No. 10, pp. 1533-1549.
- Ashton, A.S., Scott, N., Solnet, D. and Breakey, N. (2010), "Hotel restaurant dining: The relationship between perceived value and intention to purchase", *Tourism and Hospitality Research*, Vol. 10 No. 3, pp. 206-218.
- Azar, G. (2011), "Food culture distance: An antecedent to export marketing strategy adaptation-an empirical examination of Swedish and Finnish food processing companies", *International Food and Agribusiness Management Review*, Vol. 14 No. 3.
- Bagozzi, R.P. and Yi, Y. (1988), "On the evaluation of structural equation models", *Journal of the Academy of Marketing Science*, Vol. 16 No. 1, pp. 74-94.
- Bardi, A. and Schwartz, S.H. (2003), "Values and behavior: Strength and structure of relations", *Personality and Social Psychology Bulletin*, Vol. 29 No. 10, pp. 1207-1220.
- Bardhi, F., Ostberg, J., and Bengtsson, A. (2010), "Negotiating cultural boundaries: Food, travel and consumer identities", *Consumption Markets & Culture*, Vol. 13 No. 2, pp. 133-157.
- Barrena, R. and Sánchez, M. (2013), "Neophobia, personal consumer values and novel food acceptance", *Food Quality and Preference*, Vol. 27 No. 1, pp. 72-84.
- Barrena, R., García, T. and Sánchez, M. (2015), "Analysis of personal and cultural values as key determinants of novel food acceptance", *Application to an Ethnic Product. Appetite*, Vol. 87, pp. 205-214.
- Bessière, J. (1998), "Local development and heritage: Traditional food and cuisine as tourist attractions in rural areas", *Sociologia Ruralis*, Vol. 38 No.1, pp. 21-34.

- Björk, P. and Kauppinen-Räsänen, H. (2017), “Interested in eating and drinking? How food affects travel satisfaction and the overall holiday experience”, *Scandinavian Journal of Hospitality and Tourism*, Vol. 17 No.1, pp. 9-26.
- Cerjak, M., Haas, R., Brunner, F. and Tomić, M. (2014), “What motivates consumers to buy traditional food products? Evidence from Croatia and Austria using word association and laddering interviews”, *British Food Journal*, Vol. 116 No. 11, pp. 1726-1747.
- Chang, R.C.Y., Kivela, J. and Mak, A.H.N. (2010), “Food preferences of Chinese tourists”, *Annals of Tourism Research*, Vol. 37 No. 4, pp. 989-1011.
- Choe, J. and Kim, S. (2018), “The effects of local food consumption value on attitude toward local food, food destination image, and behavioral intention”, *International Journal of Hospitality Management*, Vol. 71 No 1, pp. 1-18.
- Chryssohoidis, G.M. and Krystallis, A. (2005), “Organic consumers’ personal values research: Testing and validating the list of values (LOV) scale and implementing a value-based segmentation task”, *Food Quality and Preference*, Vol. 16 No. 7, pp. 585-599.
- Cohen, E. and Avieli, N. (2004), “Food in tourism: Attraction and impediment”, *Annals of Tourism Research*, Vol. 31 No. 4, pp. 755-778.
- Doh, K., Park, S. and Kim, D.Y. (2017), “Antecedents and consequences of managerial behavior in agritourism”, *Tourism Management*, Vol. 61, pp. 511-522.
- du Rand, G.E. and Heath, E. (2006), “Toward a framework for food tourism as an element of destination marketing”, *Current Issues in Tourism*, Vol. 9 No. 3, pp. 206-234.
- Evans, J. and Mavondo, F. T. (2002), “Psychic distance and organizational performance: An empirical examination of international retailing operations”, *Journal of International Business Studies*, Vol. 33 No. 3, pp. 515-532.
- Eves, A. and Cheng, L. (2007), “Cross-cultural evaluation of factors driving intention to purchase new food products—Beijing, China and south-east England”, *International Journal of Consumer Studies*, Vol. 31 No. 4, pp. 410-417.
- Fields, K. (2002), “Demand for the gastronomy tourism product: Motivational factors”, in Hjalager, A.M. and Richards, G. (Eds.), *Tourism and gastronomy*, Routledge, London and New York, pp. 36-50.
- Fornell, C. and Larcker, D.F. (1981), “Evaluating structural equation models with unobservable variables and measurement error”, *Journal of Marketing Research*, pp. 39-50.
- Fox, R. (2007), “Reinventing the gastronomic identity of Croatian tourist destinations”, *International Journal of Hospitality Management*, Vol. 26 No. 3, pp. 546-559.

- Furst, T., Connors, M., Bisogni, C.A., Sobal, J. and Falk, L.W. (1996), "Food choice: a conceptual model of the process", *Appetite*, Vol. 26 No. 3, pp. 247-266.
- Getz, D., Robinson, R.N.S., Andersson, T.D. and Vujicic, S. (2014), *Foodies and Food Tourism*, Goodfellow Publishers, Oxford.
- Grunert, K.G. (1995), "Food quality: A means-end perspective", *Food Quality and Preference*, Vol. 6 No. 3, pp. 171-176.
- Guan, J. (2012), "The attractiveness of local cuisine and its influence on Chinese domestic tourist's perceptions of destinations", *Unpublished doctoral dissertation*, The Hong Kong Polytechnic University, Hong Kong.
- Gursoy, D., Spangenberg, E.R. and Rutherford, D.G. (2006), "The hedonic and utilitarian dimensions of attendees' attitudes toward festivals", *Journal of Hospitality & Tourism Research*, Vol. 30 No. 3, pp. 279-294.
- Gutman, J. (1997), "Means-end chains as goal hierarchies", *Psychology & Marketing*, Vol. 14 No. 6, pp. 545-560.
- Gutman, J. (1982), "A means-end chain model based on consumer categorization processes", *The Journal of Marketing*, pp. 60-72.
- Gyimóthy, S. and Mykletun, R.J. (2009), "Scary food: Commodifying culinary heritage as meal adventures in tourism", *Journal of Vacation Marketing*, Vol. 15 No. 3, pp. 259-273.
- Ha, J. and Jang, S.S. (2010), "Perceived values, satisfaction, and behavioral intentions: The role of familiarity in Korean restaurants", *International Journal of Hospitality Management*, Vol. 29 No. 1, pp. 2-13.
- Ha, J. and Jang, S. (2013), "Attributes, consequences, and consumer values: A means-end chain approach across restaurant segments", *International Journal of Contemporary Hospitality Management*, Vol. 25 No. 3, pp. 383-409.
- Ha, J. and Jang, S.S. (2013), "Variety seeking in restaurant choice and its drivers", *International Journal of Hospitality Management*, Vol. 32, pp. 155-168.
- Hair, J.F., Black, W.C., Babin, B.J. and Anderson, R.E. (2010), *Multivariate data analysis* (7th ed.), Pearson Education Inc, Upper Saddle River, NJ.
- Hair, J.F., Ringle, C.M. and Sarstedt, M. (2011), "PLS-SEM: Indeed a silver bullet", *Journal of Marketing theory and Practice*, Vol. 19 No. 2, pp. 139-152.
- Hall, C.M. and Sharples, L. (2003), "The consumption of experiences or the experience of consumption? An introduction to the tourism of taste", in Hall, C.M., Sharples, L., Mitchell R.,

- Macionis, N. and Cambourne, B. (Ed.), *Food tourism around the world: Development, management and markets*, Butterworth Heinemann, Oxford, pp. 1-24.
- Hartmann, C., Shi, J., Giusto, A., and Siegrist, M. (2015), "The psychology of eating insects: A cross-cultural comparison between Germany and China", *Food Quality and Preference*, Vol. 44, pp. 148-156.
- Henderson, J.C. (2009), "Food tourism reviewed", *British Food Journal*, Vol. 111 No. 4, pp. 317-326.
- Hjalager, A. (2002), "A typology of gastronomy tourism", in Hjalager, A.M. and Richards, G. (Eds.), *Tourism and gastronomy*, Routledge, London and New York, pp. 21-35.
- Hjalager, A. and Corigliano, M.A. (2000), "Food for tourists? Determinants of an image", *International Journal of Tourism Research*, Vol. 2 No. 4, pp. 281-293.
- Hong Kong Tourism Board (2017), "Quality Tourism Services (QTS) Scheme-accredited Restaurants", available at <http://www.discoverhongkong.com/us/dine-drink/qts-scheme/index.jsp> (accessed 25 September 2017).
- Jang, S., and Feng, R. (2007), "Temporal destination revisit intention: The effects of novelty seeking and satisfaction", *Tourism management*, Vol. 28 No. 2, pp. 580-590.
- Jeng, M.Y. and Yeh, T.M. (2016), "The effect of consumer values on the brand position of green restaurants by means-end chain and laddering interviews", *Service Business*, Vol. 10 No. 1, pp. 223-238.
- Kahle, L.R. (1983), *Social values and social change: Adaptation to life in America*, Praeger Publishers, New York, NY.
- Kahle, L.R. (1980), "Stimulus condition self-selection by males in the interaction of locus of control and skill-chance situations", *Journal of Personality and Social Psychology*, Vol. 38, pp. 50-56.
- Kauppinen-Räsänen, H., Gummerus, J. and Lehtola, K. (2013), "Remembered eating experiences described by the self, place, food, context and time", *British Food Journal*, Vol. 115 No. 5, pp. 666-685.
- Kim, B., Kim, S.S. and King, B. (2016), "The sacred and the profane: Identifying pilgrim traveler value orientations using means-end theory", *Tourism Management*, Vol. 56, pp. 142-155.
- Kim, S. and McKercher, B. (2011), "The collective effect of national culture and tourist culture on tourist behavior", *Journal of Travel and Tourism Marketing*, Vol. 28 No. 2, pp. 145-164.

- Kim, S., Choe, J.Y. and Lee, A. (2016a), “Efforts to globalize a national food: Market segmentation by reasons for ethnic food preferences”, *International Journal of Contemporary Hospitality Management*, Vol. 28 No. 10, pp. 2310-2330.
- Kim, S.S., Agrusa, J. and Chon, K. (2014), “The influence of a TV drama on visitors’ perception: A cross-cultural study”, *Journal of Travel & Tourism Marketing*, Vol. 31 No. 4, pp. 536-562.
- Kim, S., Choe, J., and Lee, S. (2018). Effects of food value video clips on increasing the demand for food tourism: Generation Y versus non-Generation Y. *Journal of Travel and Tourism Marketing*, 35(3). <http://dx.doi.org/10.1080/10548408.2017.1320262>
- Kim, S., Kim, M., Agrusa, J., and Lee A. (2012), “Does a food-themed TV drama affect perceptions of national image and intention to visit a country? An empirical study of Korea TV drama”. *Journal of Travel & Tourism Marketing*, Vol. 29 No 4, pp. 313-326.
- Kim, Y.G. and Eves, A. (2012), “Construction and validation of a scale to measure tourist motivation to consume local food”, *Tourism Management*, Vol. 33 No. 6, pp. 1458-1467.
- Kim, Y.G., Eves, A. and Scarles, C. (2009), “Building a model of local food consumption on trips and holidays: A grounded theory approach”, *International Journal of Hospitality Management*, Vol. 28 No. 3, pp. 423-431.
- Kittler, P. G., Sucher, K. P. and Nelms, M. (2011), *Food and culture*, Cengage Learning, Belmont, California.
- Kivela, J. and Crofts, J.C. (2006), “Tourism and gastronomy: Gastronomy’s influence on how tourists experience a destination”, *Journal of Hospitality & Tourism Research*, Vol. 30 No. 3, pp. 354-377.
- Kivela, J., Inbakaran, R. and Reece, J. (1999), “Consumer research in the restaurant environment, Part 1: A conceptual model of dining satisfaction and return patronage”, *International Journal of Contemporary Hospitality Management*, Vol. 11 No. 5, pp. 205-222.
- Kline, R.B. (2011), *Principles and practice of structural equation modeling*, The Guildford Press, Guilford.
- Lee, K.R., Mengoni, M., Mayazi, A. and Pehrsson, A. (2009), “A qualitative study of food consumer behavior using the means-end chain method—illustrating research into Swedes’ perception on Asian food”, *Journal of the Korean Society of Food Culture*, Vol. 24 No. 6, pp. 641-648.
- Lee, K.W. (2014), “Understanding the cognitive structures of the Koreans toward Korean food and Korean-style dietary patterns”, *Unpublished PhD Dissertation*. Ewha Womans University, Seoul, Korea.

Lee, P.Y., Lusk, K., Miroso, M. and Oey, I. (2014), "The role of personal values in Chinese consumers' food consumption decisions. A case study of healthy drinks", *Appetite*, Vol. 73, pp. 95-104.

Lai, A.W. (1995), "Consumer values, product benefits and customer value: A consumption behavior approach", in Kardes, F.R. and Sujaan, M. (Eds.), *Advances in Consumer Research* Volume 22, Provo, UT, Association for Consumer Research, pp. 381-388.

Long, L.M. (2004), *Culinary tourism*, University Press of Kentucky, Lexington, KY.

Madaleno, A., Eusébio, C. and Varum, C. (2017), "The promotion of local agro-food products through tourism: A segmentation analysis", *Current Issues in Tourism*, pp. 1-21.

Mak, A.H.N., Lumbers, M. and Eves, A. (2012a), "Globalisation and food consumption in tourism", *Annals of Tourism Research*, Vol. 39 No. 1, pp. 171-196.

Mak, A.H.N., Lumbers, M., Eves, A. and Chang, R.C.Y. (2012b), "Factors influencing tourist food consumption", *International Journal of Hospitality Management*, Vol. 31 No. 3, pp. 928-936.

Mak, A.H., Lumbers, M., Eves, A. and Chang, R.C. (2017), "The effects of food-related personality traits on tourist food consumption motivations", *Asia Pacific Journal of Tourism Research*, Vol. 22 No. 1, pp. 1-20.

McKercher, B. and Chow, B. (2001), "Cultural distance and cultural tourism participation", *Pacific Tourism Review*, Vol. 5 No. 1, pp. 21-30.

Menzel, P. and D'Aluisio, F. (2005), *Hungry planet: What the world eats*, Material World Press, Berkeley, California.

Meretse, A.R., Mykletun, R.J. and Einarsen, K. (2016), "Participants' benefits from visiting a food festival—the case of the Stavanger food festival (Gladmatfestivalen)", *Scandinavian Journal of Hospitality and Tourism*, Vol. 16 No. 2, pp. 208-224.

Mkono, M., Markwell, K. and Wilson, E. (2013), "Applying Quan and Wang's structural model of the tourist experience: A Zimbabwean netnography of food tourism", *Tourism Management Perspectives*, Vol. 5 No. 0, pp. 68-74.

Namkung, Y. and Jang, S. (2007), "Does food quality really matter in restaurants? Its impact on customer satisfaction and behavioral intentions", *Journal of Hospitality & Tourism Research*, Vol. 31 No. 3, pp. 387-409.

Nield, K., Kozak, M. and LeGrys, G. (2000), "The role of food service in tourist satisfaction", *International Journal of Hospitality Management*, Vol. 19 No.4, pp. 375-384.

Nisbett, R. (2010), *The geography of thought: How Asians and Westerners think differently... and why*, Simon and Schuster, New York, NY.

Nunnally, J.C. (1978), *Psychometric theory*, McGraw-Hill, New York, NY.

Ottenbacher, M.C. and Harrington, R.J. (2013), "A case study of a culinary tourism campaign in Germany: Implications for strategy making and successful implementation", *Journal of Hospitality & Tourism Research*, Vol. 37 No. 1, pp. 3-28.

Pitts, R.E., Wong, J.K. and Whalen, D.J. (1991), "Consumers' evaluative structures in two ethical situations: A means-end approach", *Journal of Business Research*, Vol. 22 No. 2, pp. 119-130.

Pizam, A., & Sussmann, S. (1995). Does nationality affect tourist behavior? *Annals of Tourism Research*, 22(4), 901-917.

Plummer, R., Telfer, D., Hashimoto, A. and Summers, R. (2005), "Beer tourism in Canada along the Waterloo–Wellington ale trail", *Tourism Management*, Vol. 26 No. 3, pp. 447-458.

Quan, S. and Wang, N. (2004), "Toward a structural model of the tourist experience: An illustration from food experiences in tourism", *Tourism Management*, Vol. 25 No. 3, pp. 297-305.

Rokeach, M. (1973), *The nature of human values*, The Free Press, New York, NY.

Ryu, K., Han, H. and Kim, T. (2008), "The relationships among overall quick-casual restaurant image, perceived value, customer satisfaction, and behavioral intentions", *International Journal of Hospitality Management*, Vol. 27 No. 3, pp. 459-469.

Shaw, S.A. (2009), *Asian dining rules: Essential strategies for eating out at Japanese, Chinese, Southeast Asian, Korean, and Indian restaurants*, Harper Collins, New York, NY.

Smith, S.L.J. and Xiao, H. (2008), "Culinary tourism supply chains: A preliminary examination", *Journal of Travel Research*, Vol. 46 No. 3, pp. 289-299.

Sparks, B., Bowen, J. and Klag, S. (2003), "Restaurants and the tourist market", *International Journal of Contemporary Hospitality Management*, Vol. 15 No. 1, pp. 6-13.

Stevens, J.P. (2002), *Applied multivariate statistics for the social sciences*, 4th ed., Erlbaum, Hillsdale, NJ: Erlbaum.

Sukalakamala, P. and Boyce, J.B. (2007), "Customer perceptions for expectations and acceptance of an authentic dining experience in Thai restaurants", *Journal of Foodservice*, Vol. 18 No. 2, pp. 69-75.

Sulek, J.M. and Hensley, R.L. (2004), "The relative importance of food, atmosphere, and fairness of wait the case of a full-service restaurant", *Cornell Hotel and Restaurant Administration Quarterly*, Vol. 45 No. 3, pp. 235-247.

Telfer, D.J. and Hashimoto, A. (2003), "Food tourism in the Niagara Region: the development of a nouvelle cuisine", in Hall, C.M., Sharples, L., Mitchell, R., Macionis, N., Cambourne, B. (Eds.), *Food tourism around the world: Development, management and markets*, Butterworth Heinemann, Oxford, pp. 158-177.

Torres, R. (2002), "Toward a better understanding of tourism and agriculture linkages in the Yucatan: Tourist food consumption and preferences", *Tourism Geographies*, Vol. 4 No. 3, pp. 282-306.

Tse, P. and Crotts, J.C. (2005), "Antecedents of novelty seeking: International visitors' propensity to experiment across Hong Kong's culinary traditions", *Tourism Management*, Vol. 26 No. 6, pp. 965-968.

Voss, K.E., Spangenberg, E.R. and Grohmann, B. (2003), "Measuring the hedonic and utilitarian dimensions of consumer attitude", *Journal of Marketing Research*, Vol. 40 No. 3, pp. 310-320.

Watkins, L.J. and Gnoth, J. (2011), "Japanese tourism values: A means-end investigation", *Journal of Travel Research*, Vol. 50 No. 6, pp. 654-668.

Williams, L.T., Germov, J., Fuller, S. and Freij, M. (2015), "A taste of ethical consumption at a slow food festival", *Appetite*, Vol. 91, pp. 321-328.

Williams, P. and Soutar, G.N. (2009), "Value, satisfaction and behavioral intentions in an adventure tourism context", *Annals of Tourism Research*, Vol. 36 No.3, pp. 413-438.

Wu, J., Xu, J. and Erdogan, E.H. (2009), "Investigating the push and pull motivation of visiting domestic destinations in China: A means-end approach", *Journal of China Tourism Research*, Vol. 5 No. 3, pp. 287-315.

Zeithaml, V.A., Berry, L.L. and Parasuraman, A. (1996), "The behavioral consequences of service quality", *Journal of Marketing*, Vol. 60 No. 2, pp. 31-46.

Table I. Exploratory factor analysis for the food attributes (n = 666)

Domain	Item	Communality	Factor loading	Mean
Food quality (4.57 ^a , 38.09 ^b , .76 ^c)	It was an opportunity to taste delicious food.	.64	.79	3.98
	It was an opportunity to taste various menus and ingredients.	.55	.71	3.94
	It was an opportunity to taste rice, noodles, and dumplings.	.51	.71	3.96
	It was an opportunity to taste adequate food portion.	.45	.67	3.70
	It was an opportunity to taste good-quality food.	.57	.65	3.86
Food novelty (1.34 ^a , 11.15 ^b , .77 ^c)	It was an opportunity to taste unknown food.	.70	.90	3.73
	It was an opportunity to taste exotic ingredients.	.65	.82	3.61
	It was an opportunity to taste authentic Hong Kong food.	.54	.62	3.93
	It was an opportunity to taste local food with local people and foreign tourists.	.52	.53	3.80
Restaurant quality (1.02 ^a , 8.50 ^b , .68 ^c)	It was an opportunity to experience the good hygiene conditions of local restaurants.	.72	.90	3.53
	It was an opportunity to experience the exotic ambiances of Hong Kong local restaurants.	.60	.73	3.60
	It was an opportunity to experience the value for money of local restaurants.	.49	.64	3.49

Note: ^a = eigenvalue; ^b = variance; ^c = reliability alpha.
Kaiser-Meyer-Olkin (KMO) measure of sampling adequacy was .883.

Table II. Exploratory factor analysis of benefits, value, and behavioral intention (n = 666)

Benefits				
Domain	Item	Communality	Factor loading	Mean
Emotional benefit (4.86 ^a , 53.99 ^b , .86 ^c)	I could boast to others about tasting Hong Kong local food.	0.68	0.87	3.65
	I could build a good memory by tasting Hong Kong local food.	0.72	0.85	3.85
	Tasting Hong Kong local food helped me to relax.	0.57	0.81	3.41
	I liked to talk to families and friends about my Hong Kong local food experiences.	0.63	0.74	3.86
	Tasting Hong Kong local food in its original place made me excited.	0.64	0.58	3.79
Epistemic benefit (1.03 ^a , 11.45 ^b , .83 ^c)	Tasting Hong Kong local food served by local people in its original place helped me to understand the local culture.	0.69	0.87	3.77
	Tasting Hong Kong local food allowed me to discover something new.	0.71	0.86	3.89
	Tasting Hong Kong local food enabled me to learn what this cuisine tastes like.	0.63	0.82	3.79
	Tasting Hong Kong local food increased my knowledge about a different culture.	0.63	0.66	3.84
Terminal value				
Domain	Item	Communality	Factor loading	Mean
Terminal value (3.77 ^a , 53.92 ^b , .86 ^c)	Personal happiness	0.58	0.76	3.82
	Pursuit of a healthy life	0.46	0.68	3.46
	Fun and enjoyment	0.58	0.76	3.92
	Social bonds and interest in other people	0.55	0.74	3.55
	Self-achievement	0.61	0.78	3.63
	Pursuit of understanding unknown cultures	0.49	0.70	3.93
	Love for friends and/or family	0.51	0.72	3.54
Behavioral intention				
Domain	Item	Communality	Factor loading	Mean

	I would like to visit a Hong Kong local food restaurant after I return to my country.	0.69	0.83	3.66
Behavioral intention (2.63 ^a , 65.72 ^b , .82 ^c)	I would like recommend Hong Kong local food to my family and/or friends.	0.72	0.85	3.83
	I would like to leave positive reviews of Hong Kong local food on social media (e.g., Facebook, blogs, video clips, Messenger)	0.60	0.78	3.53
	I would like to visit Hong Kong to explore more diverse Hong Kong local food within the next FIVE years.	0.62	0.79	3.76

Note: ^a = eigenvalue; ^b = variance; ^c = reliability alpha.

Kaiser-Meyer-Olkin (KMO) measure of sampling adequacy was .919, .886, .796.

Table III. PLS confirmatory factor analysis (n = 657)

Domain	Item	Factor loading	α	CR	AVE
Food quality	It was an opportunity to taste delicious food.	.85	.78	.86	.60
	It was an opportunity to taste various menus and ingredients.	.76			
	It was an opportunity to taste rice, noodles, and dumplings.	.72			
	It was an opportunity to taste good-quality food.	.78			
Food novelty	It was an opportunity to taste unknown food.	.83	.81	.88	.64
	It was an opportunity to taste exotic ingredients.	.81			
	It was an opportunity to taste authentic Hong Kong food.	.82			
	It was an opportunity to taste local food with local people and foreign tourists.	.74			
Restaurant quality	It was opportunity to experience good hygiene conditions of local restaurants.	.79	.71	.84	.63
	It was an opportunity to experience exotic ambiances of Hong Kong local restaurants.	.76			
	It was an opportunity to experience value for money of local restaurants.	.82			
Emotional benefit	I could boast to others about tasting Hong Kong local food.	.80	.85	.89	.62
	I could build a good memory by tasting Hong Kong local food.	.85			
	Tasting Hong Kong local food helped me to relax.	.71			
	I like to talk to family and friends about my Hong Kong local food experiences.	.77			
	Tasting Hong Kong local food in its original place made me excited.	.80			
Epistemic benefit	Tasting Hong Kong local food served by local people in its original place helped me to understand the local culture.	.84	.84	.90	.68
	Tasting Hong Kong local food allowed me to discover something new.	.83			
	Tasting Hong Kong local food enabled me to learn what this cuisine tastes like.	.80			

	Tasting Hong Kong local food increased my knowledge about a different culture.	.83			
	Personal happiness	.81			
	Pursuit of a healthy life	.67			
	Fun and enjoyment	.84			
Terminal value	Social bonds and interest in other people	.73	.88	.91	.58
	Self-achievement	.80			
	Pursuit of understanding unknown cultures	.74			
	Love for friends and/or family	.75			
	I will visit a Hong Kong local food restaurant after I return to my country.	.81			
	I will recommend Hong Kong local food to my family and/or friends.	.86			
Behavioral intention	I will leave positive reviews of Hong Kong local food on social media (e.g., Facebook, blogs, video clips, Messenger)	.79	.83	.89	.67
	I will visit Hong Kong to explore more diverse Hong Kong local food within the next five years.	.80			

α = Cronbach's Alpha

CR: Composite Reliability

AVE: Average Variance Extracted

Table IV. Correlations among latent constructs (N=1,323)

	Food quality	Food novelty	Restaurant quality	Emotional benefit	Epistemic benefit	Value	Behavioral intention
Food quality	.78						
Food novelty	.58	.80					
Restaurant quality	.54	.58	.79				
Emotional benefit	.60	.60	.53	.79			
Epistemic benefit	.57	.63	.53	.68	.83		
Value	.59	.56	.55	.76	.66	.76	
Behavioral intention	.58	.48	.47	.68	.54	.66	.82

Note: Items on the diagonal (in bold) represent squared root of AVE scores.

Table V. Structural equation modeling analysis (N=1,323)

Regression path	Standardized coefficient	<i>t</i> -value	<i>p</i> -value	Decision
H1-1: Food quality → Emotional benefit	.32	10.42***	.000	Support
H1-2: Food novelty → Emotional benefit	.29	8.68***	.000	Support
H1-3: Restaurant quality → Emotional benefit	.20	6.64***	.000	Support
H1-4: Food quality → Epistemic benefit	.28	8.99***	.000	Support
H1-5: Food novelty → Epistemic benefit	.35	10.43***	.000	Support
H1-6: Restaurant quality → Epistemic benefit	.17	5.47***	.000	Support
H2-1: Food quality → Value	.14	5.31***	.000	Support
H2-2: Food novelty → Value	-.03	1.00	.320	Reject
H2-3: Restaurant quality → Value	.15	5.62***	.000	Support
H3-1: Emotional benefit→ Value	.47	15.49***	.000	Support
H3-2: Epistemic benefit→ Value	.19	5.69***	.000	Support
H4-1: Emotional benefit→ Behavioral intention	.39	10.07***	.000	Support
H4-2: Epistemic benefit→ Behavioral intention	.03	0.95	.344	Reject
H5: Value → Behavioral intention	.35	9.94***	.000	Support

Table VI. Multi-group analysis (N=1,323)

Regression path (Asian tourists vs Non-Asian tourists)	Asian (n=467)		Non-Asian (n=855)		Multi-group comparison	
	Estimate	<i>t</i> -value	Estimate	<i>t</i> -value	<i>p</i> -value	Result
H2-1: Food quality → Value	.21	4.79	.12	3.71	.078	Asian > Non-Asian
H3-2: Epistemic benefit→ Value	.11	1.89	.23	6.05	.082	Asian < Non-Asian

Figure I. Proposed local food consumption structural model

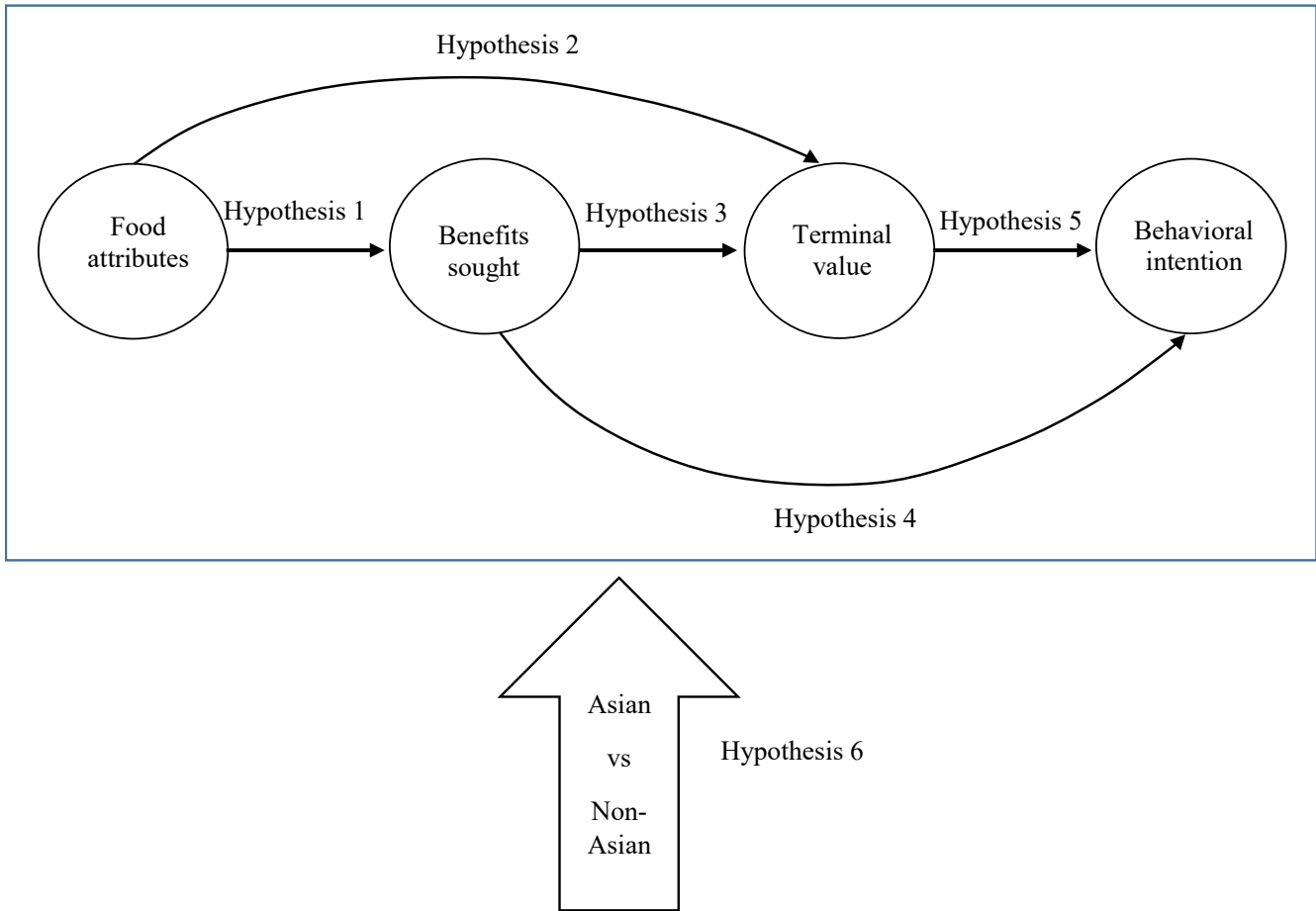
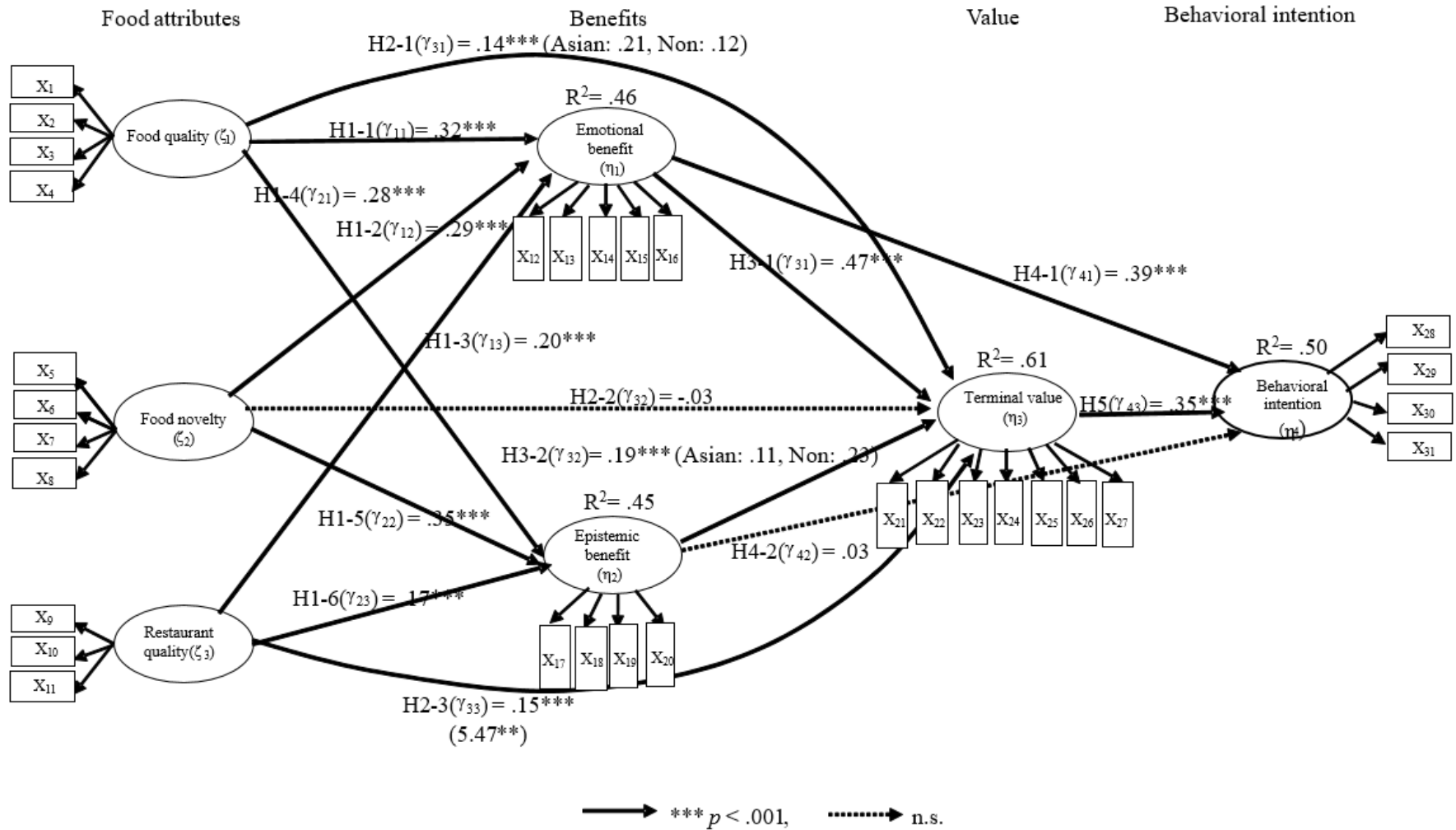


Figure II. Local food consumption model



Paths (H2-1, H3-2) showed significant differences between Asian and non-Asian groups