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Determining factors for tourist satisfaction in inland destinations: Impact on the depopulation problem

Factores determinantes para la satisfacción del turista en destinos de interior: Impacto sobre el problema de la despoblación

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ABSTRACT

Depopulation is currently a major problem in Spain, especially in inland areas. Tourism can help alleviate this problem. Therefore, competitive advantages must be enhanced by developing a capable and sustainable tourism model that can lead to the desired level of development in a given geographical area. A powerful decision-making and diagnostic tool was created for the tourism industry in the Burgos Province, Spain to identify the key factors in tourist satisfaction, which can influence the decision to recommend and revisit a destination. This study presents this tool and a theoretical model of tourism satisfaction. The findings emphasize the significance of the perception that tourists have of the quality of a destination's goods and services and its impact on satisfaction. Enhancing tourist satisfaction can have important implications for improving tourism management and, consequently, addressing the depopulation problem.

Keywords: Tourist Satisfaction, Structural Equation Model, Depopulation, Tourist Industry, Inland Destinations.

RESUMEN

La despoblación es actualmente uno de los principales problemas que deben ser afrontados, especialmente en zonas de interior. El turismo es un sector que puede ayudar a aliviar este problema. Por tanto, sería conveniente potenciar las ventajas competitivas mediante un modelo turístico competente y sostenible que permita alcanzar un deseado nivel de desarrollo

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en una determinada zona geográfica. El trabajo implementa una poderosa herramienta de diagnóstico y de toma de decisiones para la actividad turística de la provincia de Burgos (España), identificando los factores clave en la satisfacción del turista, los cuales pueden ser decisivos en la decisión de recomendar y visitar el destino seleccionado. Para ello, el trabajo presenta un modelo teórico de satisfacción turística. Los resultados destacan la importancia de la percepción del turista sobre los servicios del destino y sobre la calidad de los productos, así como su impacto en la satisfacción. Así que, mejorar esta calidad puede tener importantes implicaciones en mejorar la eficiencia de la gestión turística y, consecuentemente, en un mejor tratamiento del problema de la despoblación.

Palabras clave: Satisfacción del Turista, Modelo de Ecuaciones Estructurales, Despoblación, Industria Turística, Destinos de Interior.

I. INTRODUCTION

Depopulation is one of the main problems of inland areas in Spain. The Spanish Federation of Municipalities and Provinces (FEMP¹) has noted that half of the 8,124 Spanish municipalities are in danger of extinction (FEMP, 2022). Burgos, an inner province in the northern part of the country, with an area of 14,292 km², 371 municipalities and a population of 355,429 inhabitants in 2019², has a population density of 24.89 inhabitants/km²; therefore, it can be considered a sparsely populated territory (i.e., 12.5 to 50 inhabitants/km²) according to the system of Local Administrative Units (LAU) (Europarl, 2022; Eurostat, 2022).

There are numerous negative consequences and diverse effects of depopulation on the social, cultural, environmental, and economic aspects of life (Serra et al., 2022). To alleviate this problem, the Society for the Development of the Province of Burgos (SODEBUR), an instrumental entity of the Burgos Provincial Council, oversees promoting the economic and social development of the province and its municipalities, structuring its work in five areas: energy, industry, tourism, institutional cooperation, and economic and social promotion. Of these five areas, this study focuses on the tourism sector. In 2019, the province of Burgos was visited by 1,503,199 travellers (with 2,329,692 overnight stays), 633,450 day trippers and 319,561 private accommodation tourists; these tourists generated an economic impact of 323.7 million euros and 11,558 jobs (JCyL³, 2022), illustrating the economic powerhouse that tourism is and its potential to address the problem of depopulation.

Studies have analysed the importance of the tourism sector in inland areas (e.g., Jesus and Franco, 2016; Scorza et al., 2019; Prat Forga, 2020; Baptista Alves et al., 2022; Gatto et al., 2022). Other studies have demonstrated the impact of tourism on the problem of depopulation. For example, Cáceres-Feria et al. (2021) proposed the promotion of community-based tourism as a possible solution for rural depopulation. Hashimoto et al. (2021) examined the proposal for the museumization of abandoned landscapes to promote rural tourism attraction in areas of rural depopulation and peripheralization. Vidal-Matzanke

¹ Acronym in Spanish language

² All the data used in this work is relative to the year 2019 to avoid the effect caused by COVID-19 on the touristic sector.

³ Board of Castilla y León

& Vidal-González (2022) proposed using sports tourism as a tool to combat depopulation in inland areas. They analysed the effect of offering hiking accommodations, sports products, and services to determine whether a certain area was attractive to tourists and could generate a tourist product with added value. However, we want to emphasize here that tourism can also imply a certain degree of depopulation. Therefore, Larraz & García-Gómez (2020) analysed the reasons why residents of tourist cities abandoned the historic centre due to gentrification and how the loss of local shops in favour of tourist shops affected the population. Their study underscored the need for a higher level of citizen participation with collaboration among citizen associations, residents, and local authorities to try to recover these populations. In any case, very few studies have focused on analysing tourism in the province of Burgos (Antón Maraña et al., 2021). This study seeks to deepen the analysis of the tourism sector in the province of Burgos, since we believe that it can help solve the problem of depopulation.

For this reason, SODEBUR has launched, together with the University of Burgos, a program to analyse tourist satisfaction in the province of Burgos like studies conducted at other inland destinations (Martín et al., 2019; Soler and Gemar, 2019; Sherstha et al., 2022). Therefore, the main contribution of this work is an empirical exploratory analysis that allows us to look at tourist satisfaction with an inland destination, specifically, the province of Burgos. The objective of this paper is to identify the determinants of tourist satisfaction and define a theoretical model that increases the probability of successfully managing decision-making in the tourism sector in Burgos. We believe that improving decision-making can increase the competitiveness of the province compared to other destinations, thus directly and indirectly favouring the problem of depopulation, since improving tourism is often a strategy used to attract new inhabitants in environments prone to losing population (Dot Jutglà et al., 2022).

This manuscript is structured as follows. Section two introduces a review of the literature on tourist satisfaction and on the dimensions that can influence satisfaction. The methodology follows. In the results section, a practical validation of the methodology is conducted. The final section offers concluding remarks, highlights the limitations of the work, and proposes future research.

II. LITERATURE REVIEW

Customer satisfaction has been widely explored and defined in various ways over the past four decades (Cho, 2017; Tontini et al., 2017). In particular, tourist satisfaction is a concept that has been addressed by many authors. As early as 1978, Pizam et al. (1978) defined tourist satisfaction as the result of comparing the experience of tourists about a destination with their expectations about it (Expectancy Disconfirmation Model). Churchill & Suprenant (1982) studied tourist satisfaction from the perspective of performance evaluations (Perceived Performance Model). This approach states that the tourist's perception of the overall experience is what truly matters for satisfaction. This idea has been reinforced by other researchers. For example, most recently, Bentz et al. (2016) argued that, regardless of the existence of prior expectations, the tourist is likely to be satisfied when the experience offered by the tourist destination performs at a desired level. Other studies reported in mixed findings. Llosa et al. (1998) stated that the simple indication of

perceptions/experiences might lead to a mental process of perception minus expectations or vice versa, eliminating the need to assess expectations and perceptions separately.

Thus, a tourist's satisfaction with an experience can be influenced by different dimensions. The quality of destination attributes has been the subject of many studies. Cronin & Taylor (1992) highlighted the importance of the tourist's perception of the quality of the attributes or services of a destination as a key factor of his or her willingness to share an opinion on satisfaction. This same idea has also been reflected by other authors, such as Kozak and Rimmington (2000) and Huh et al. (2006). More recent works such as those by Chi and Qu (2009), Ragavan et al. (2014) and Jayasinghe et al. (2015) also emphasize this same dimension. In this research, the quality dimension refers to tourist satisfaction with different destination attributes, such as holiday celebrations or tourist experiences, over a broad range of destination attributes that tourists can evaluate separately, such as accommodations, catering, restaurants, shops, services, the environment and accessibility, and cultural, natural, and historical attractions (Hui et al., 2007; Chi and Qu, 2008). Biswas et al. (2021) disaggregate types of attributes (accommodation, food and beverages, attractions, safety, and transportation) to analyse their influence on tourist satisfaction.

Another dimension that may influence the tourist's opinion on satisfaction with the trip is his own motivation or motives for making such a trip. Tourist motivation has been identified as an antecedent of tourist satisfaction (Yoon and Uysal, 2005; Lee, 2009), and Battour et al. (2012) indicated that it has a direct effect on satisfaction. Olague de la Cruz et al. (2017) reflected on the determinant effect of travel motivation on tourist satisfaction, having as mediating variables the two components of the perceived image (cognitive and affective) of the destination. Motivations can be classified into push (internal) and pull (external) factors, although there are researchers who believe that they should not be seen as strictly different since they are related to each other (Albughuli, 2011). Khuong and Ha (2014) showed that push and pull motivations have a strong positive relationship with satisfaction. The motivation dimension reflects the number of possible reasons why the tourist has decided to take a trip. These motives can be linked to psycho-sociological benefits sought in tourists' experiences (Prebensen et al., 2014). The motivation to travel is driven by needs or motives (Bettman et al., 1990). Push motivations are linked to the desires, feelings and instincts of tourists and include the desire to disconnect, rest, enjoy, achieve prestige, practice sports, and engage in social interaction. Pull motivations are related to the attractiveness of the destination and its historical, cultural, or natural resources (Dann, 1977; Crompton, 1979).

Although it can be considered that knowledge is what remains after information seeking and analysis (individual information processing), in this research, the knowledge dimension is defined as the amount and kind of sources of information that a tourist uses in deciding on his or her next vacation, which is also important when evaluating tourist satisfaction once the trip has been completed (Prebensen et al., 2014). In this sense, the image that a destination offers through the media is a fundamental element in its promotion since what differentiates one destination from another is key to its success (Carballo et al., 2015). Several studies have examined the relationship between the image that a destination offers through different media and tourist satisfaction (Chen and Tsai, 2007; Lee et al., 2014; Prayag et al., 2017). Martín-Santana et al. (2017) confirm that the time spent searching for information directly influences the pre- and postvisit gap in cognitive image. Therefore,

tourists need to gather information before traveling to a destination to ensure that the destination can satisfy their needs. This information comes from different sources that have been extensively studied in the tourism literature (Llodrà-Riera et al., 2015). Today, one of the main sources of information that significantly influences tourists, especially young tourists, is recommendations through the internet/social media, as electronic word of mouth (eWOM) (Song et al., 2021) is perceived by tourists as a reliable source of information (Almeida-Santana and Moreno-Gil, 2018).

Finally, the fourth dimension to be analysed in this study is involvement. Following Ozdemir et al. (2012), the way in which the tourist plans a trip should be considered. On many occasions, this factor is also related to the emotions that the tourist develops throughout the trip (Jing and Rashid, 2018; Sharma and Nayak, 2019). Santos et al. (2022) conducted an interesting analysis of these two factors in the tourism sector and the relationship between them. Their critical analysis demonstrates a significant relationship between involvement and emotions. Furthermore, positive, and negative emotions have been examined to determine tourist satisfaction in different contexts (Hosany and Prayag, 2013; Tlitli and Amara, 2016). Lu et al. (2015) found a direct and positive relationship between tourists' involvement and satisfaction with a historic district. Therefore, in this research, the involvement dimension is related to the way in which the tourist plans the trip, i.e., type of accommodation, types of transportation and with the number of people with whom the tourist makes the trip and the relationships between them (Ozdemir et al., 2012). Similarly, the allocation of the main tourist expenditures to different travel-associated expenses and the total expenditure per day and per tourist (Deaton and Muellbauer, 1980) can also represent the way in which a tourist plans a trip. Therefore, four hypotheses can be postulated:

H1: The quality of a destination's attributes has a significant and positive influence on tourist satisfaction.

H2: Tourist motivation has a significant and positive influence on tourist satisfaction.

H3: Tourist knowledge has a significant and positive influence on tourist satisfaction.

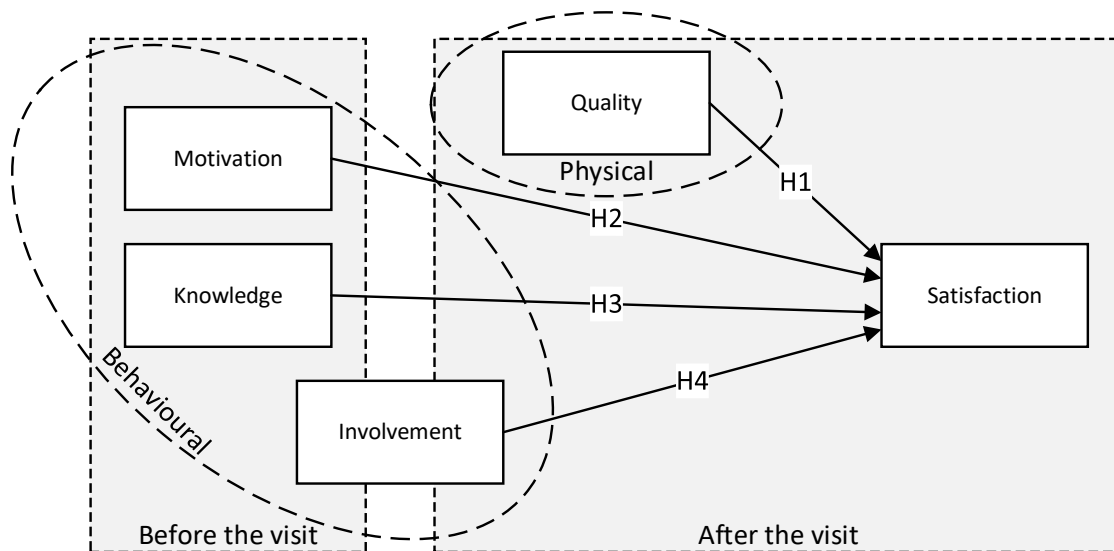
H4: Tourist involvement has a significant and positive influence on tourist satisfaction.

The quality of the attributes defines the physical characteristics of the destination, while motivation, knowledge, and involvement define the traveller's behavioural characteristics (Kozak et al., 2004; Franch et al., 2006; Huh et al., 2006; Castano et al., 2007). Both have a direct influence on the selection of the destination and, in principle, on the tourist's assessment of the destination's performance, i.e., on tourist satisfaction (Hui et al., 2007; Ozdemir et al., 2012). The relationship between all these dimensions has also been analysed by many other studies. For example, Jeong and Kim (2020) explored the structural relationships between quality, destination image, perceived value, tourist satisfaction and destination loyalty in the context of small-scale sporting events. In a similar manner, as previously mentioned, this paper aims to analyse the influence of these four dimensions on tourist satisfaction in the province of Burgos.

Figure 1 displays the theoretical model, which illustrates the connections between the previously mentioned dimensions, i.e., it reflects the relationships hypothesized. The relationships between the quality, motivation, knowledge, and involvement dimensions and the satisfaction dimension can be seen. The dimensions that represent tourist behavioural

characteristics and the dimension that represents physical characteristics of the destination are also reflected. In the same way, the dimensions with implications before making the trip, after making the trip and those with implications both before and after making the trip (such as the involvement dimension) are identified.

Figure 1. Theoretical model



Source: Prepared by the authors

III. RESEARCH METHODOLOGY

This section first identifies the variables that allow measuring each of the dimensions defined in the theoretical model of the previous section (Figure 1). Next, the data collection process is detailed, determining its technical characteristics. Third, the sociodemographic characteristics of the sample are reviewed. Finally, a justification of the statistical technique used to evaluate the model is shown.

3.1. Model variables

Scholars have not yet agreed on a generally accepted method of measuring the tourist satisfaction dimension (Adinegara et al., 2021). Two perspectives on satisfaction measurement are generally found in the literature: the unidimensional method and the multidimensional method. The former approach involves using one variable to identify overall satisfaction. The latter approach involves using multiple variables that together represent the measure of global satisfaction (Chi and Qu, 2009; Albayrak and Caber, 2018; Cossío-Silva et al., 2019). Logically, satisfaction will be influenced by unfavourable incidents experienced by tourists during the travel experience (Alrawadieh et al., 2019). Kozak (2007) proposed that a tourist who has had an experience without incidents is more likely to be satisfied, to have the intention to recommend and to visit the destination again than those who have had unfavourable incidents. In addition, it stands to reason that a satisfied tourist is more likely to use positive WOM endorsement (Yoon and Uysal, 2005).

In summary, the variables used to measure each of these dimensions (motivation, knowledge, involvement, quality, and satisfaction) can be seen in Table 1. Thus, for the motivation, knowledge, and satisfaction dimensions, there is one variable, while for the involvement dimension, there are 6 variables, and for the quality dimension, there are 12 variables.

Table 1. Decision variables for the tourism satisfaction model

DIMENSION	CODE	VARIABLE
MOTIVATION	MO_RT	Reasons to travel (Number of reasons why you make the trip) (1; 2; 3; 4; >5)
KNOWLEDGE	KN_HK	How did you know about the place? (Number of information sources used to learn about the destination) (1; 2; 3; 4; >5)
INVOLVEMENT	IN_HT	How do you travel? (Number and types of people you will be travelling with) (1; 2; 3; 4; >5)
	IN_ME	Main expenses (Number of activities/needs in which the main expenses have been incurred) (1; 2; 3; 4; >5)
	IN_PT	Planning the trip (Number of means used to plan the trip) (1; 2; 3; 4; >5)
	IN_TA	Type of accommodations (Number of types of accommodation to be use) (1; 2; 3; 4; >5)
	IN_TE	Total expenses (€) (<50; 50-100; 101-150; 151-250; >250)
	IN_TT	Type of transportation (Number of types of transportation to be used) (1; 2; 3; 4; >5)
QUALITY	QU_AO	Accommodation offer (1: Not satisfied at all; 5: Very satisfied)
	QU_BM	Brochures/maps (1: Not satisfied at all; 5: Very satisfied)
	QU_CA	Cultural areas (1: Not satisfied at all; 5: Very satisfied)
	QU_HS	Hotel staff (1: Not satisfied at all; 5: Very satisfied)
	QU_IP	Information point (1: Not satisfied at all; 5: Very satisfied)
	QU_LG	Local guides (1: Not satisfied at all; 5: Very satisfied)
	QU_LS	Local shops (1: Not satisfied at all; 5: Very satisfied)
	QU_MS	Monuments schedule (1: Not satisfied at all; 5: Very satisfied)
	QU_PA	Parking (1: Not satisfied at all; 5: Very satisfied)
	QU_QC	Quality-cost relationship (1: Not satisfied at all; 5: Very satisfied)
	QU_SP	Signpost (1: Not satisfied at all; 5: Very satisfied)
	QU_WI	Web/internet (1: Not satisfied at all; 5: Very satisfied)
SATISFACTION	SA_GS	Global satisfaction (1: Not satisfied at all; 5: Very satisfied)

Source: Prepared by the authors.

Once the variables that allow each dimension of the theoretical model (Figure 1) to be measured were identified, the questionnaire (Annex I) was designed to collect the data necessary to achieve the proposed main objective. To develop the final questionnaire, three different pretests⁴ were conducted: (1) review of the questionnaire by the technical teams of the Burgos Tourism Observatory and SODEBUR, (2) review of the questionnaire by the interviewers themselves, and (3) review of the questionnaire by University of Burgos students majoring in tourism. The final questionnaire covers all these variables and contains other categorization variables (tourist profile) and open variables to collect the subjective opinions of the travellers. The open variables allow us to gather ideas for improvement and to conduct

⁴ Older versions of the questionnaire are available upon request from the authors.

an evaluation to increase the performance of different tourist service provisions in future works.

3.2. Data collection process

The field work was driven by two researchers and eight students from Burgos University through in-person interviews during the holiday periods of Easter, summer break (July and August) and Christmas, and through collaborations with hotels, rural tourism establishments and tourist offices throughout the province. Interviewers did not collect data from tourists who did not want to be interviewed, so an assessment of nonresponse bias could not be made. For this same reason, the response rate cannot be evaluated either, since only complete surveys are included. However, the deployment of forced-choice response options, to some extent, eliminated the need for additional control of response bias (Brown and Maydeu-Olivares, 2018).

Moreover, based on the Touristic Potentiality Index for the province of Burgos (Aparicio-Castillo et al., 2023), eight target points for interviews were selected. Subsequently, the population under study and the sampling method were identified. Regarding the former, the target population was people over 16 years of age who were not residents of nearby municipalities and who visited the province of Burgos. Regarding the latter, a simple random sample at each target point was used. The confidence interval was higher than 95% with an error margin of less than $[-2.5\% + 2.5\%]$ for the 1,554 interviews. A reliability of 0.78 (Cronbach's α^5) for the measurement instrument was obtained.

Table 2. Statistical technical file

Year of realization	2019 (Easter, July August, Christmas)
Methodology	Personal interview through questionnaire in tourist places and in collaborating establishments
Information collection instrument	Questionnaire elaborated according to the proposed objective with application of ordinal and binary scales. Additionally, there are categorization variables and open variables.
Interviewers	Two professors and eight students from the University of Burgos involved in the tourism course of study, who were on scholarship and/or trained for this purpose, as well as collaborators in hotels, rural tourism establishments and tourist offices.
Universe	People over 16 years of age, who were not residents of nearby municipalities, and who visited the province of Burgos. 1,503,199 travellers + 633,450 day trippers + 319,561 private accommodation tourists = 2,456,210 tourists.
Sample size	385 is the representative sample size with a heterogeneity of 50%, a margin of error of 55 and a confidence level of 95%. Finally, 1,554 interviews were obtained.
Type of sampling	Simple Random Sample according to Touristic Potentiality Index of the province of Burgos.
Error margin	Less than $\pm 2.5\%$ with a heterogeneity of 50% and a confidence level of 95% for 1,554 interviews.
Cronbach's Alpha	0.78

Source: Prepared by the authors.

⁵ A value greater than 0.6 can be considered acceptable (Malhotra, 2009).

Next, the data obtained in the 1,554 surveys were processed (coding and tabulation) to facilitate their analysis.

3.3. Sample characteristics

The first analysis that has been conducted with the data focused on the profile (sociodemographic characteristics) of the tourist. According to Ozdemir et al. (2012), the features that constitute the tourist profile are critical factors in analysing satisfaction. This time, the features collected are related to gender, age, education level, occupation, origin of the tourist and the existence of a previous visit to Burgos province (Table 3).

Table 3. Sample characteristics (N = 1,554)

CHARACTERISTIC	OPTIONS	%
Gender	Male	41.96
	Female	58.04
Age	Under age 25	7.59
	[25-39]	22.39
	[40-54]	40.28
	[55-64]	18.92
	65 and older	10.81
Education level	High school and less	37.39
	University	62.61
Occupation	Employer	14.16
	Employee	53.73
	Student	7.46
	Household task	3.54
	Retired	15.96
	Unemployed	5.15
Origen	Spanish	87.64
	No Spanish	12.36
Previous experience	No	12.36
	Yes	87.64

Source: Prepared by the authors.

In summary, the information obtained through the 1,554 surveys of tourists in the province of Burgos gave us their sociodemographic profile. The tourists were relatively balanced with respect to gender, with slightly more females (58.04%), and most were between 40 and 54 years old (40.28%), had studied at a university (62.61%), were employed by others (53.73%), had Spanish nationality (87.64%) and had previous experience with their destination of choice (87.64%).

3.4. Formative vs. reflective model

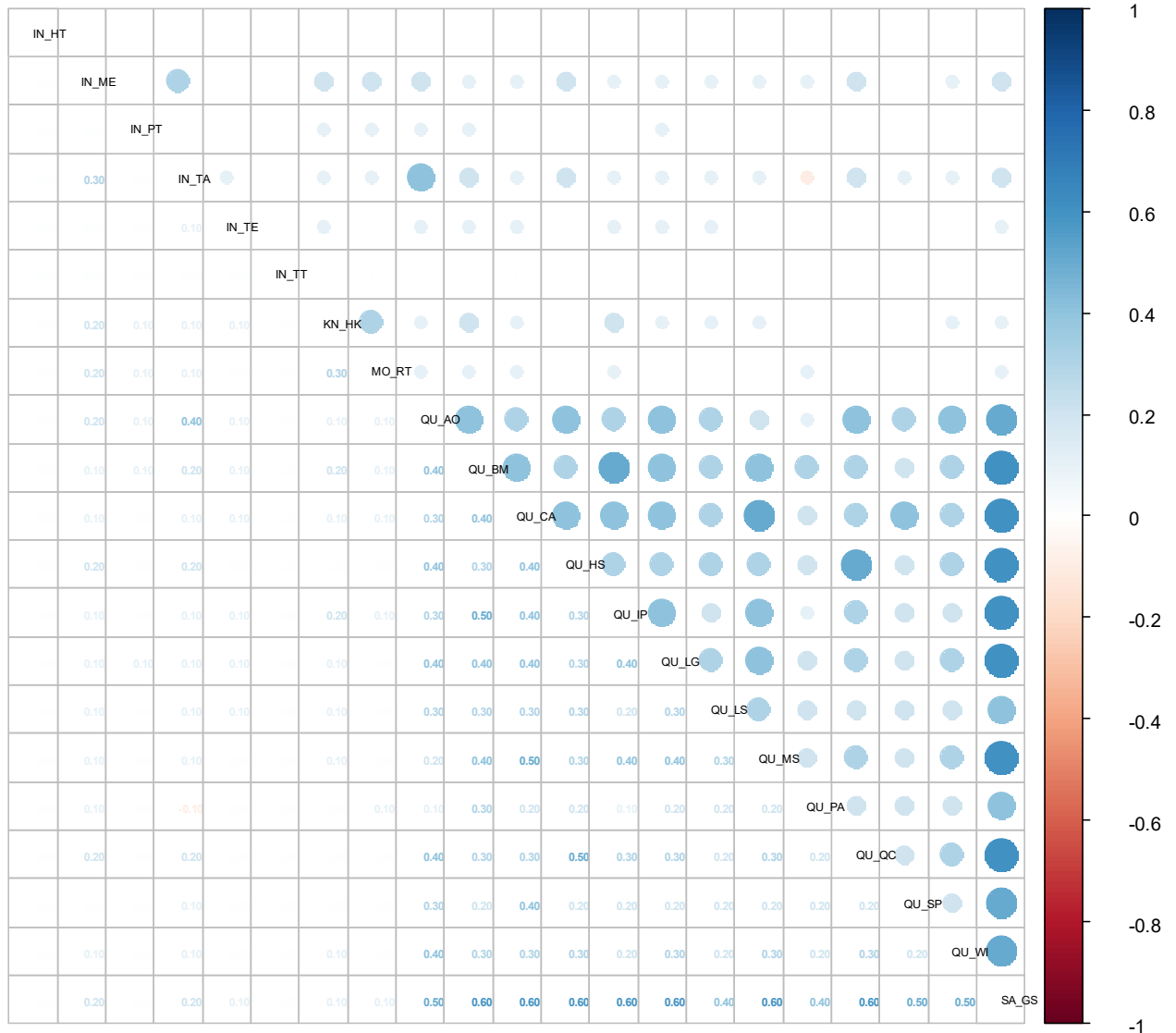
To provide an empirical assessment of the proposed research, this study adopts a quantitative technique using a cross-sectional data collection approach. Specifically, Structural Equation Modelling (SEM) has been employed. SEM is a second-generation multivariate data analysis method that can test theoretically supported linear and additive causal models. SEM is an appropriate statistical analysis technique to simultaneously assess constructs (previously dimensions) of the model and the hypothesized structural relations through the structural model and constructs with their respective indicators (previously variables) through the measurement model. Within the constructs, exogenous constructs that

act as predictor or causal variables of endogenous constructs can be distinguished. Therefore, an exogenous construct is consistent with the idea of an independent variable, while an endogenous construct is consistent with the notion of a dependent variable.

There are two SEM approaches, namely, the component-based approach (PLS-SEM) and the covariance-based approach (CB-SEM). On the one hand, PLS-SEM does not require a large sample size and normal distribution. PLS-SEM can also be utilized for models that comprise both reflective and formative natures simultaneously. PLS-SEM uses a nonparametric test oriented to an exploratory-predictive test. On the other hand, CB-SEM is extremely sensitive to data normality, interdependence of observation, large sample size, and uniformity of variable metrics. Problematic explanation of the covariance of all indicators is an important reason for CB-SEM to become an inappropriate technique for formative models. CB-SEM uses a parametric test oriented to a confirmatory-explanatory test (Hair et al., 2017).

In this study, the PLS-SEM approach is employed for two reasons. First, the modelling of tourist satisfaction in Burgos is at an early stage, so the approach seeks to build and assess a model that predicts new or future observations or scenarios instead of confirming an already defined theory (Shmueli and Koppius, 2011; Henseler et al., 2016). Second, the model nature is formative. Two types of linkage between constructs and indicators are known: (1) reflective, in which the indicators are reflections of the theoretical construct, and (2) formative, in which the indicators form the theoretical construct. The first case gives rise to reflective models (effects), and the second gives rise to formative models (cause) (Diamantopoulos and Siguaw, 2006; Simoteo, 2012). The choice of one or another alternative is important because the validation procedures are different (Hair et al., 2022). In this case, there was an existing correlation between the indicators measuring the different constructs of the model. In general, a low correlation was observed between the indicators (Figure 2), with the indicators of quality and satisfaction showing a higher correlation. Therefore, we could consider that the direction of causality was from indicators to constructs. In this way, the model used has a formative approach (Hair et al., 2022).

Figure 2. Correlation between model indicators



Source: Prepared by the authors.

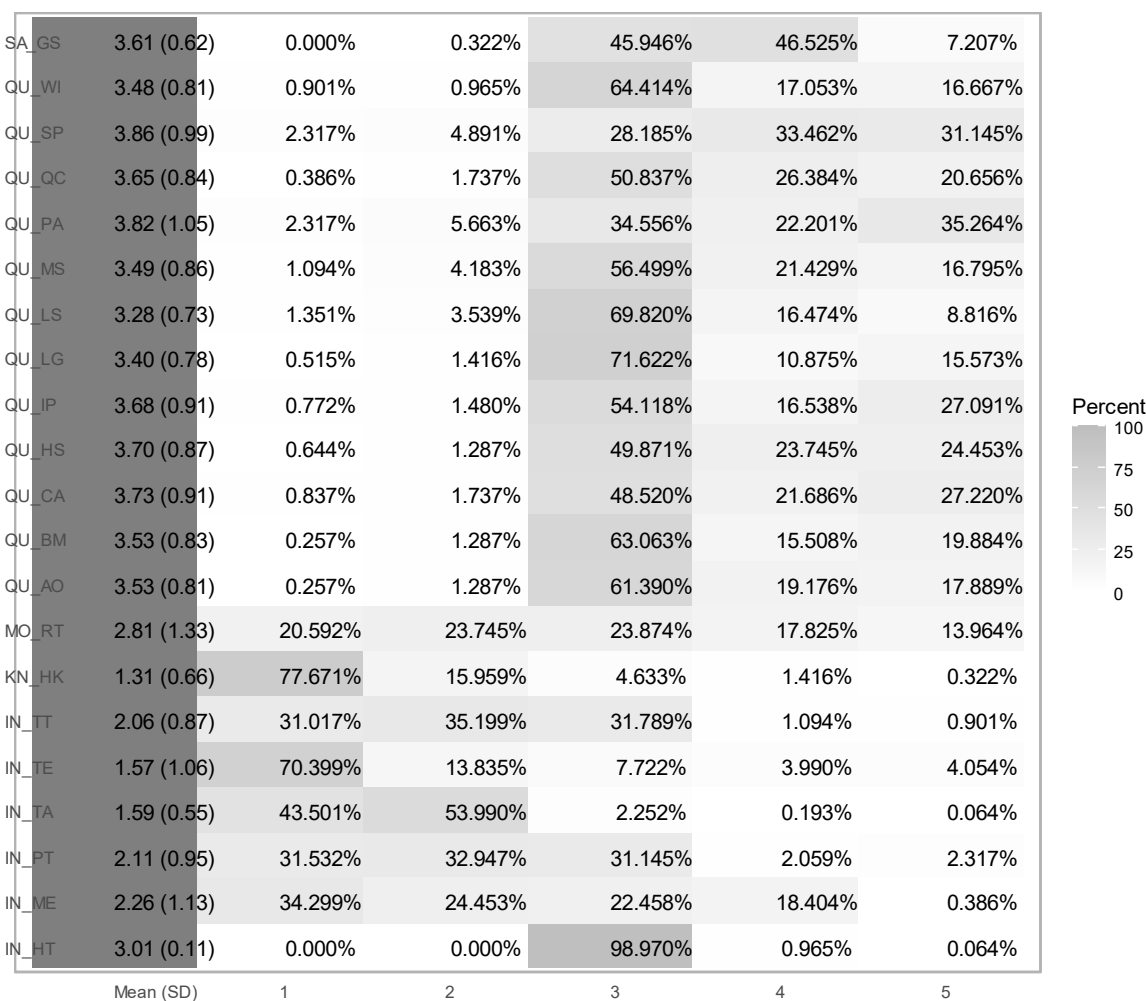
To achieve the objective defined in Section I, further analysis of the data was conducted, as shown in the following section on the results.

IV. RESULTS

After analysing the characteristics of the sample (Section 3.3), a descriptive analysis of the data was conducted. As shown in Figure 3, most tourists visiting the province of Burgos are satisfied with their experience, with an average score of 3.61 out of 5. In the same way, quality-related indicators also offer quite high and similar average values for all indicators, although with a somewhat greater standard deviation than for satisfaction. The indicator related to motivation reflects that most tourists make a trip for at least three reasons. The indicator related to knowledge indicates that almost all tourists use a single source of information to learn about the destination. Finally, the indicators related to involvement indicate that tourists mainly use two types of transportation, have less than €50 of total

expenditures, use two types of accommodations, use two means to plan the trip, spend most of their money on a single activity and usually make the trip with three types of people.

Figure 3. Descriptive analysis of the indicators



Source: Prepared by the authors.

Finally, as discussed in Section 3.4, this research uses SEM and the Partial Least Squares (PLS) approach to analyse the theoretical model proposed. PLS-SEM is the preferred approach when formatively specified constructs are included in the model, so it is advisable to evaluate the measurement model and then the structural model (Hair et al., 2021). However, there is no clear consensus on the required sample size for PLS-SEM application. Hoyle (1995) recommends a sample size of 100 to 200 to maximize the results of the model. Marcoulides and Saunders (2006) advise a minimum of 70 observations when the structural model contains five relationships. Reinartz et al. (2009) indicated that at least 100 observations may be sufficient to reach acceptable levels of statistical power, given a certain quality in the measurement model. Kock and Hadaya (2018) present several methods to obtain the minimum sample size in PL-SEM, among them, the 10-times rule, which builds on the assumption that the sample size should be greater than 10 times the maximum number of inner or outer model links pointing at any construct in the model. For further information on the minimum sample size, please also consult Hair et al. (2019) and Sarstedt et al. (2021).

Considering any of these alternatives, 1,554 observations constitute an adequate sample size. The SEMinR package of R statistical software was used to obtain the results.

4.1. Evaluation of the formative measurement model

Three key steps are defined for the evaluation of formative measurement models (Hair et al., 2021): (1) assessment of convergent validity, (2) assessment of indicator collinearity and (3) assessment of statistical significance and relevance of the indicator weights.

Convergent validity refers to the degree to which the formatively specified constructs correlate with an alternative reflectively measured indicator(s) of the same concept. Hair et al. (2022) suggested that the correlation of the formatively measured construct with the reflectively measured indicator(s) should be 0.708 or higher, which implies that the construct explains (more than) 50% of the alternative measure's variance. A separate redundancy analysis for each formative construct was conducted. For quality and involvement constructs, this analysis yields path coefficients of 0.900 and 0.776, respectively, which are above the recommended threshold of 0.708, thus providing support for the formatively measured construct's convergent validity.

Collinearity occurs when two or more indicators in a formative measurement model are highly correlated, causing an increase in the standard error of the indicator weights. The standard metric for assessing indicator collinearity is the variance inflation factor (VIF). VIF values of 5 or more indicate collinearity problems (Hair et al., 2021). Moreover, if all VIFs are equal to or lower than 3.3, the model can be considered free of common method bias (Kock, 2015). According to the results in Table 4, all VIF values are uniformly below the conservative threshold value of 5.

Table 4. VIF values for the measurement model

INDICATOR	VIF
MO_RT	1.000
KN_HK	1.000
IN_HT	1.000
IN_TT	1.001
IN_PT	1.003
IN_TA	1.132
IN_ME	1.114
IN_TE	1.016
QU_SP	1.228
QU_CA	1.639
QU_HS	1.576
QU_IP	1.639
QU_MS	1.557
QU_AO	1.500
QU_LG	1.540
QU_QC	1.613
QU_WI	1.332
QU_PA	1.186
QU_LS	1.216
QU_BM	1.614
SA_GS	1.000

Source: Prepared by the authors.

The third step is examining the statistical significance and relevance (i.e., size) of the indicator weights. The indicator weights result from regressing each formatively measured construct on its associated indicators. As such, they represent each indicator’s relative importance for forming the construct. Significance testing of the indicator weights relies on the bootstrapping procedure, which facilitates the derivation of standard errors from the data without relying on any distributional assumptions (Hair et al., 2014). Assuming a significance level of 5%, a t value above 1.96 (two-tailed test) suggests that the indicator weight is statistically significant. All indicators offer a t value greater than 1.96 except IN_HT, IN_TT, and IN_PT (Table 5). To decide their elimination from the model, their absolute contribution must also be considered, which is determined by the formative indicator’s loading. Indicator loadings of 0.5 and higher suggest that an indicator makes a sufficient absolute contribution to forming the construct; even if it lacks a significant absolute contribution but the indicator loading is significant (t value ≥ 1.96), the indicator can be maintained in the model (Cenfetelli & Bassellier, 2009). Therefore, only the IN_HT, IN_TT and IN_PT indicators were eliminated from the model (Table 5).

Table 5. Bootstrapped indicator weights and loadings

Indicator	BOOTSTRAPPED WEIGHTS						BOOTSTRAPPED LOADINGS					
	Original Est.	Bootstrap Mean	Bootstrap SD	T Stat.	2.5 % CI	97.5 % CI	Original Est.	Bootstrap Mean	Bootstrap SD	T Stat.	2.5 % CI	97.5 % CI
MO_RT -> MOTIVATION	1.000	1.000	0.000	.	1.000	1.000	1.000	1.000	0.000	.	1.000	1.000
KN_HK -> KNOWLEDGE	1.000	1.000	0.000	.	1.000	1.000	1.000	1.000	0.000	.	1.000	1.000
IN_HT -> INVOLVEMENT	0.026	0.025	0.078	0.326	-0.127	0.186	0.025	0.024	0.086	0.291	-0.147	0.198
IN_TT -> INVOLVEMENT	-0.031	-0.031	0.088	-0.349	-0.210	0.145	-0.029	-0.029	0.093	-0.312	-0.215	0.149
IN_PT -> INVOLVEMENT	0.077	0.075	0.095	0.808	0.121	0.256	0.118	0.116	0.096	1.226	0.080	0.303
IN_TA -> INVOLVEMENT	0.597	0.583	0.086	6.953	0.416	0.745	0.810	0.791	0.058	14.003	0.673	0.895
IN_ME -> INVOLVEMENT	0.578	0.567	0.084	6.859	0.389	0.720	0.765	0.750	0.063	12.229	0.615	0.862
IN_TE -> INVOLVEMENT	0.221	0.218	0.101	2.196	0.017	0.410	0.286	0.282	0.098	2.935	0.087	0.474
QU_SP -> QUALITY	0.167	0.167	0.014	12.372	0.140	0.194	0.500	0.500	0.021	23.847	0.458	0.539
QU_CA -> QUALITY	0.157	0.157	0.017	9.279	0.124	0.191	0.686	0.686	0.016	42.525	0.653	0.716
QU_HS -> QUALITY	0.152	0.151	0.017	8.728	0.117	0.186	0.644	0.642	0.019	34.389	0.605	0.679

QU_IP -> QUALITY	0.153	0.153	0.017	9.17 8	0.1 20	0.18 5	0.637	0.636	0.019	34.3 16	0.5 97	0.67 0
QU_MS -> QUALITY	0.122	0.121	0.016	7.37 0	0.0 89	0.15 3	0.626	0.626	0.020	31.7 24	0.5 87	0.66 3
QU_AO -> QUALITY	0.118	0.118	0.016	7.42 6	0.0 87	0.14 9	0.607	0.605	0.020	30.5 12	0.5 66	0.64 3
QU_LG -> QUALITY	0.123	0.123	0.016	7.63 1	0.0 90	0.15 3	0.634	0.633	0.020	32.2 62	0.5 92	0.66 9
QU_QC -> QUALITY	0.140	0.140	0.017	8.17 4	0.1 08	0.17 4	0.642	0.641	0.018	34.9 65	0.6 04	0.67 6
QU_WI -> QUALITY	0.149	0.149	0.015	9.82 0	0.1 20	0.17 8	0.586	0.585	0.021	27.7 83	0.5 44	0.62 6
QU_PA -> QUALITY	0.137	0.136	0.014	9.68 0	0.1 09	0.16 4	0.434	0.433	0.022	19.5 90	0.3 89	0.47 5
QU_LS -> QUALITY	0.107	0.107	0.015	7.29 3	0.0 78	0.13 6	0.497	0.496	0.025	19.5 42	0.4 45	0.54 6
QU_BM -> QUALITY	0.147	0.147	0.017	8.85 5	0.1 15	0.17 8	0.666	0.665	0.018	37.0 55	0.6 30	0.70 0
SA_GS -> SATISFACTI ON	1.000	1.000	0.000	.	1.0 00	1.00 0	1.000	1.000	0.000	.	1.0 00	1.00 0

Source: Prepared by the authors.

After the statistical significance of the formative indicator weights has been assessed, the final step is to examine each indicator's relevance. For the involvement construct, the IN_TA and IN_ME indicators have positive and moderate relevance (weights closer to 1 indicate strong relationships, and weights closer to 0 indicate weak relationships), while the IN_TE indicator has weak relevance (Table 5). Regarding the quality construct, all indicators have weak and uniform relevance (Table 5).

4.2. Evaluation of the structural model

Once the measurement of the constructs has been confirmed as reliable and valid, the results of the structural model are assessed. For this, it is recommended to follow three steps (Hair et al., 2021): (1) examine the structural model for potential collinearity issues, (2) evaluate the significance and relevance of the structural model relationship (i.e., the path coefficients) and (3) assess the model's explanatory and predictive power.

Regarding collinearity issues, the process is like assessing formative measurement models, but in this case, the construct scores of the predictor constructs in each regression in the structural model are used to calculate the VIF values. VIF values of more than 5 are indicative of probable collinearity issues among predictor constructs (Becker et al., 2015). As shown in Table 6, all VIF values are clearly below the threshold of 5.

Table 6. VIF values for the structural model

CONSTRUCT	VIF
MOTIVATION	1.092
KNOWLEDGE	1.122
INVOLVEMENT	1.121
QUALITY	1.081

Source: Prepared by the authors.

In step 2, the significance of the path coefficients and relevance of the path coefficients are evaluated. Again, the significance assessment builds on bootstrapping standard errors as a basis for calculating t values of path coefficients (Streukens & Leroi-Werelds, 2016). Assuming a significance level of 5%, a t value above 1.96 (two-tailed test) suggests that the path coefficient is statistically significant. Thus, the paths between motivation and satisfaction (H2) and between knowledge and satisfaction (H3) are not significant, while the remaining two are significant (Table 7). In terms of relevance, the coefficient between quality and satisfaction (H1) represents a very strong positive relationship, and the coefficient between involvement and satisfaction (H4) represents a very weak positive relationship (Table 7).

Table 7. Estimates, significance, and confidence intervals for path coefficients

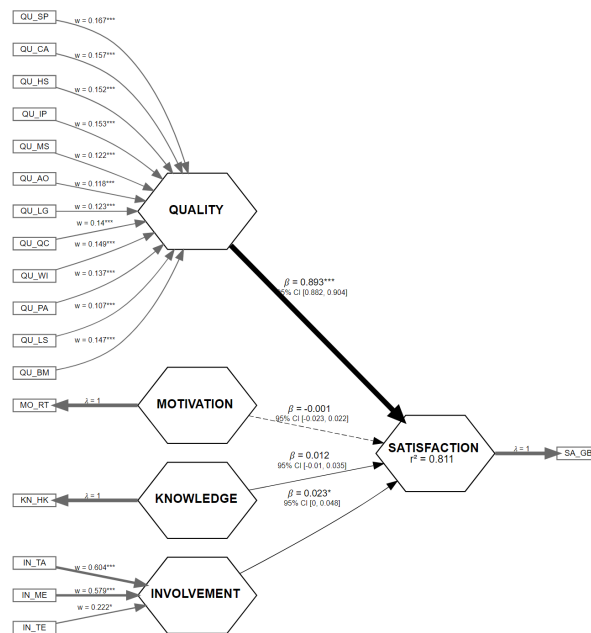
	Original Est.	Bootstrap Mean	Bootstrap SD	T Stat	2.5% CI	97.5% CI
QUALITY -> SATISFACTION	0.893	0.893	0.006	159.396	0.882	0.904
MOTIVATION -> SATISFACTION	-0.001	-0.001	0.012	-0.106	-0.023	0.022
KNOWLEDGE -> SATISFACTION	0.012	0.012	0.011	1.054	-0.010	0.035
INVOLVEMENT -> SATISFACTION	0.023	0.024	0.012	1.997	0.000	0.048

Source: Prepared by the authors

The next and final step involves examining the coefficient of determination (R^2) of the endogenous constructs. The R^2 represents the variance explained in each of the endogenous constructs and is a measure of the model's explanatory power (Shmueli et al., 2019). The R^2 ranges from 0 to 1, with higher values indicating greater explanatory power; even on some occasions, values as low as 0.1 can be considered satisfactory (Raithel et al., 2012). An R^2 of 0.811 for the satisfaction construct indicates a substantial value. To complement the model's explanatory power, the f^2 effect size of the exogenous constructs can be evaluated. f^2 effect size indicates how the removal of a selected exogenous construct affects an endogenous construct's R^2 value. The results obtained for the f^2 effect size indicate that involvement (0.003) and knowledge (0.001) have a very weak effect size on satisfaction, while quality has a very strong effect size on satisfaction (3.901). Motivation has no effect on satisfaction. In this case, the rank order of effect sizes is identical to the rank order on the grounds of the path coefficients.

The bootstrapped model nomogram (Figure 4) shows the results obtained during evaluation of the model. Generally, an R^2 of 0.811 represents an adequate goodness of fit of the model to the construct that it intends to explain. In addition, it can also be seen that only the involvement and quality constructs have a significant effect on the satisfaction construct, with the effect of the quality construct being especially significant.

Figure 4. Bootstrapped model nomogram



Source: Prepared by the authors.

Finally, it is noted that the values obtained for RMSE and MAE in the PLS-SEM analysis of the indicators of the endogenous constructs are all higher than those obtained with a naïve linear regression model benchmark, so the model obtained lacks predictive power (Hair et al., 2021).

VI. CONCLUSIONS

Since tourism could be fundamental in the generation of income, wealth, and employment, the tourism sector can be an important in preventing the depopulation of municipalities. Burgos, an inland province of northern Spain, is a clear example of this situation. Analysing the profile and behavioural characteristics of tourists together with the physical characteristics of the destination can aid in developing guidelines to increase tourists' satisfaction and, consequently, to enhance certain geographical areas. For this reason, developing an empirical exploratory model that allows us to identify the determinants of tourist satisfaction in the province can help increase the probability of successful management decision-making.

The results of the study indicate that tourists visiting the province of Burgos are relatively balanced with respect to gender, slightly more females (58.04%), are mostly age 40 to 54 years old (40.28%), have university studies (62.61%), are employed by others (53.73%), have Spanish nationality (87.64%) and have previous experience with the destination (87.64%). The results also show that most tourists are satisfied with their experience, with an average score of 3.61 out of 5, and the perception of quality during the visit has a high average value. In addition, most tourists make their trip for at least three reasons: almost all tourists use a single source of information to learn about the destination, tourists mainly use two types of transportation, have a total expenditure of less than €50, use two types of accommodations, use two means to plan the trip, spend the most money on a single activity and usually make the trip with three types of people.

Finally, the results highlight that motivation (H2) and knowledge (H3) have no influence on satisfaction, involvement has a very weak positive influence on satisfaction (H4), and quality has a strong positive influence on satisfaction (H1). Therefore, we can conclude that regardless of motivation, knowledge, and involvement, what truly matters for improving tourist satisfaction is the tourists' perception of the travel experience; thus, improving the quality of products and services to improve this perception is the key to achieving higher tourist satisfaction. This conclusion is supported by similar results from applied studies in different settings (e.g., Chen & Chen, 2010; Al-Ababneh, 2013; Osman, 2013). Further, Pérez Campdesuñer et al. (2017) presented the influence of different destination attributes on tourist satisfaction.

Hence, understanding and monitoring the potential differences in tourist satisfaction levels is key to creating a sustainable competitive advantage for tourism destinations. To this end, institutions, managers, decision-makers, and other agents should detect the preferences of tourists and provide higher quality services related to these preferences. Obviously, tourists' perceptions will differ, for example, if they are day tripper or an overnight traveller (Pérez-Cabañero et al., 2017) or if they are first-time tourists or repeat tourists (Li et al., 2008; Alegre et al., 2011). However, the findings of this study make it clear that improving the perceptions of tourists has a great influence on tourists' satisfaction and on the likelihood that they will revisit the destination or recommend it. In short, fully understanding the quality perceptions of tourists is a crucial task for decision-making in the tourism sector in terms of designing memorable experiences and developing competitive marketing strategies to encourage tourism.

These considerations reflect the clear practical implications of this study. On the one hand, identifying the factors that determine tourist satisfaction with the province of Burgos can guide institutions to invest their limited resources into those factors with the greatest impact on attracting tourists. Increasing the number of tourists or building loyalty among tourists who have already visited the province will have a direct impact on tourism business managers. Notably, the tourism sector generates more than 300 million euros per year and more than 10,000 jobs in the province of Burgos (JCyL, 2022). In addition, the results obtained will make it possible to focus on those weaknesses found, such as the low percentage of international tourists and the low percentage of tourists who visit the province for the first time, to try to improve upon them. On the other hand, improving the tourism sector is often presented as a strategy for local territorial development related to sustainability and the attraction of new inhabitants in environments prone to losing population (Dot Jutglà et al., 2022) or with the reduction of poverty at the territorial level (Gálvez Gamboa and Muñoz Henríquez, 2022), thus contributing to the UNWTO⁶ Sustainable Development Goals (SDGs).

In the case of the province of Burgos, tourism provides income through job creation (SDG 1 – No poverty), and the tax income generated from tourism can be reinvested, for example, in health care and other services (SDG 3 – Good health and well-being). Additionally, tourism in Burgos can be a powerful tool for developing the region and reducing inequalities (SDG 10 – Reduced inequalities) by promoting the inland destination of Burgos. An integrative vision that focuses the province's tourism evolution on the development of new information

⁶ Acronym for the United Nation World Tourism Organization

technologies, sustainability, innovation, and social cohesion can advance urban infrastructure and accessibility and promote the rejuvenation and preservation of cultural and natural heritage, assets on which tourism depends (SDG 11 – Sustainable cities and communities). Rich biodiversity and natural heritage are often the main reasons why tourists visit a destination (SDG 15 – Life of land). The pursuit of these objectives will help alleviate the urgent problem of depopulation suffered by many places in the Spanish interior.

Regardless of these conclusions, the study also has some limitations. The findings are influenced by the social and cultural contexts of the province of Burgos, so further research of similar cities can help reinforce these results by increasing their generalizability. Moreover, these results should be interpreted with caution due to the exploratory approach of the study and the subjective character of the responses, as they are based on opinion surveys. To alleviate this concern, some possible lines of future research can expand on the development and improvement of scientific progress initiated in this work. Examples include the incorporation of new dimensions and variables in the theoretical model that make it more robust and reliable or analyses and assessment of tourist destinations in social networks that avoid the use of surveys to obtain tourists' opinions. In any case, this study's findings can help decision-makers and managers make better decisions in favour of a tourist destination, thus contributing to the promotion of a given geographical area and reducing the risk of depopulation in that area.

BIBLIOGRAPHIC REFERENCES

- Adinegara, J., Suprapti, N. W. S., Yasa, N. N. K. and Sukaatmadja, I. P. G. (2021). Antecedents And Consequences Of Tourist Satisfaction: A Literature Review. *ASEAN Marketing Journal*, 9(2), 1.
- Al-Ababneh, M. (2013). Service Quality and its Impact on Tourist Satisfaction. *Interdisciplinary Journal of Contemporary Research in Business*, 4(12), 164 – 177.
- Albayrak, T. and Caber, M. (2018). Examining the relationship between tourist motivation and satisfaction by two competing methods. *Tourism Management*, 69, 201 – 213. <https://doi.org/10.1016/j.tourman.2018.06.015>
- Albughuli, M. (2011). Exploring motivations and values for domestic travel from an Islamic and Arab standpoint: The case of Saudi Arabia (Master's thesis, University of Waterloo).
- Alegre, J., Mateo, S. and Pou, L. (2011). A latent class approach to tourists' length of stay. *Tourism Management*, 32, 555 – 563. <https://doi.org/10.1016/j.tourman.2010.05.003>
- Almeida-Santana, A. and Moreno-Gil, S. (2018). Understanding tourism loyalty: Horizontal vs. destination loyalty. *Tourism Management*, 65, 245 – 255. <https://doi.org/10.1016/j.tourman.2017.10.011>
- Alrawadieh, Z., Alrawadieh, Z. and Kozak, M. (2019). Exploring the impact of tourist harassment on destination image, tourist expenditure, and destination loyalty. *Tourism Management*, 73, 13 – 20. <https://doi.org/10.1016/j.tourman.2019.01.015>
- Antón Maraña, P., Aparicio Castillo, S., Puche Regaliza, J. C. and Arranz Val, P. (2021). A comparative study for understanding the impact and evolution of the tourism role in Burgos province. *Revista Turismo & Desenvolvimento*, 36(1), 221-231.

- Aparicio Castillo, S., Arranz Val, P., Alvear González, A., Antón Maraña, P. & Puche Regaliza, J. C. (2023). Target points as survey locations: Touristic Potentiality Index of the Burgos province. *Revista de Métodos Cuantitativos para la Economía y la Empresa*, 36, 1-19. <https://doi.org/10.46661/rev.metodoscuant.econ.empresa.7798>
- Baptista Alves, H. M., Pires Manso, J. R., da Silva Serrasqueiro Teixeira, Z. M., Santos Estevão, C. M. and Pinto Nave, A. C. (2022). Tourism-based regional development: boosting and inhibiting factors. *Anatolia: An International Journal of Tourism and Hospitality Research*. 33(1), 128-142. <https://doi.org/10.1080/13032917.2021.1924211>
- Battour, M. M., Battor, M. M. and Ismail, M. (2012). The mediating role of tourist satisfaction: A study of Muslim tourists in Malaysia. *Journal of Travel & Tourism Marketing*, 29(3), 279 – 297. <https://doi.org/10.1080/10548408.2012.666174>
- Becker, J. M., Ringle, C. M., Sarstedt, M. and Völckner, F. (2015). How collinearity affects mixture regression results. *Marketing Letters*, 26(4), 643 – 659. <https://doi.org/10.1007/s11002-014-9299-9>
- Bentz, J., Lopes, F., Calado, H. and Dearden, P. (2016). Enhancing satisfaction and sustainable management: Whale watching in the Azores. *Tourism Management*, 54, 465 – 476. <https://doi.org/10.1016/j.tourman.2015.11.016>
- Bettman, J. R., Johnson, E. J. and Payne, J. W. (1990). A componential analysis of cognitive effort in choice. *Organizational Behavior and Human Decision Processes*, 45(1), 111 – 139. [https://doi.org/10.1016/0749-5978\(90\)90007-V](https://doi.org/10.1016/0749-5978(90)90007-V)
- Biswas, C., Deb, S. K., Hasan, A. A. T. and Khandakar, M. S. A. (2021). Mediating effect of tourists' emotional involvement on the relationship between destination attributes and tourist satisfaction. *Journal of Hospitality and Tourism Insights*, 4(4), 490 – 510. <https://doi.org/10.1108/JHTI-05-2020-0075>
- Brown, A. and Maydeu-Olivares, A. (2018). Modeling Forced-Choice Response Formats. In P. Irwing, T. Booth, & D. Hughes (Eds.), *The Wiley Handbook of Psychometric Testing* (523 – 570). WileyBlackwell. <https://doi.org/10.1002/9781118489772.ch18>
- Cáceres-Feria, R., Hernández-Ramírez, M. and Ruiz-Ballesteros, E. (2021). Depopulation, community-based tourism, and community resilience in southwest Spain. *Journal of Rural Studies*, 88, 108 – 116. <https://doi.org/10.1016/j.jrurstud.2021.10.008>
- Castano, B. J. M., Moreno, S. A. and Crego, D. A. (2007). Tourist profiles in a sample of Spanish subjects: An empirical segmentation model in relation to travel patterns and characteristics of the traveller. *Estudios Turísticos*, 17(1), 57 – 76.
- Cenfetelli, R. T. and Bassellier, G. (2009). Interpretation of formative measurement in information systems research. *MIS Quarterly*, 33(4), 689 – 708. <https://doi.org/10.2307/20650323>
- Chen, C. F. and Chen, F. S. (2010). Experience quality, perceived value, satisfaction, and behavioral intentions for heritage tourists. *Tourism Management*, 31(1), 29 – 35. <https://doi.org/10.1016/j.tourman.2009.02.008>

- Chen, C. F. and Tsai, D. (2007). How destination image and evaluative factors affect behavioral intentions. *Tourism Management*, 28(4), 1115 – 1122. <https://doi.org/10.1016/j.tourman.2006.07.007>
- Chi, C. G. and Qu, H. (2008). Examining the structural relationships of destination image, tourist satisfaction and destination loyalty: an integrated approach. *Tourism Management*, 29, 624 – 636. <https://doi.org/10.1016/j.tourman.2007.06.007>
- Chi, C. G. and Qu, H. (2009). Examining the relationship between tourists' attribute satisfaction and overall satisfaction. *Journal of Hospitality Marketing and Management*, 18(1), 4 – 25. <https://doi.org/10.1080/19368620801988891>
- Cho, Y. (2017). A consumer satisfaction model based on the integration of EDT and TAM: comparative study of Korean and US consumers. *Asia Pacific Journal of Marketing and Logistics*, 29(5), 978 – 993. <https://doi.org/10.1108/APJML-07-2016-0127>
- Churchill, G. A. Jr. and Suprenant, C. (1982). An investigation into the determinants of customer satisfaction. *Journal of Marketing Research*, 19, 491 – 504. <https://doi.org/10.2307/3151722>
- Cossío-Silva, F. J., Revilla-Camacho, M. Á. and Vega-Vázquez, M. (2019). The tourist loyalty index: a new indicator for measuring tourist destination loyalty? *Journal of Innovation and Knowledge*, 4(2), 71 – 77. <https://doi.org/10.1016/j.jik.2017.10.003>
- Crompton, J. L. (1979). Motivations for pleasure vacation. *Annals of Tourism Research*, 6(4), 408 – 424. [https://doi.org/10.1016/0160-7383\(79\)90004-5](https://doi.org/10.1016/0160-7383(79)90004-5)
- Cronin, J. J. and Taylor, S. A. (1992). Measuring service quality: A re-examination and extension. *Journal of Marketing*, 56, 55 – 68. <https://doi.org/10.1177/002224299205600304>
- Dann, G. M. (1977). Anomie, ego-enhancement and tourism. *Annals of Tourism Research*, 4(4), 184 – 194. [https://doi.org/10.1016/0160-7383\(77\)90037-8](https://doi.org/10.1016/0160-7383(77)90037-8)
- Deaton, A. and Muellbauer, J. (1980). An almost ideal demand system. *The American economic review*, 70(3), 312 – 326.
- Diamantopoulos, A. and Siguaw, J. A. (2006). Formative versus reflective indicators in organizational measure development: A comparison and empirical illustration. *British Journal of Management*, 7(4), 263 – 282. <https://doi.org/10.1111/j.1467-8551.2006.00500.x>
- Dot Jutglà, E., Romagosa Casals, F. and Noguera Noguera, M. (2022). El incremento del turismo de proximidad en Cataluña en el verano de 2020: una oportunidad para la consolidación del turismo rural como forma de turismo sostenible y segura. *Investigaciones Turísticas*, 23, 162 – 185. <https://doi.org/10.14198/INTURI2022.23.8>
- Europarl (2022, April 30). *Sparingly populated and under-populated areas*. European Parliament. [https://www.europarl.europa.eu/RegData/etudes/BRIE/2016/586632/EPRS_BRI\(2016\)586632_EN.pdf](https://www.europarl.europa.eu/RegData/etudes/BRIE/2016/586632/EPRS_BRI(2016)586632_EN.pdf)
- Eurostat (2022, April 30). *Local Administrative Units (LAU)*. Eurostat. <https://ec.europa.eu/eurostat/web/nuts/local-administrative-units>

- FEMP (2022, May 02). *Población y despoblación en España 2016*. Federación Española de Municipios y Provincias. http://femp.femp.es/files/566-2117-archivo/20170125%20informe_despoblacion.pdf
- Franch, M., Martini, U., Inverardi, P. L. N. and Bufo, F. (2006). From reconstruction and analysis of tourist profiles to some suggestions to destination management—an empirical research in the dolomites area. *Tourism Review*, 61(2), 30 – 37. <https://doi.org/10.1108/eb058473>
- Gálvez Gamboa, F. A. and Muñoz Henríquez, E. M. (2022). El impacto de la actividad turística sobre la pobreza: evidencia para los municipios chilenos mediante un enfoque espacial. *Investigaciones Turísticas*, 23, 186 – 209. <https://doi.org/10.14198/INTURI2022.23.9>
- Gatto, R., Santopietro, L. and Scorza, F. (2022). *Tourism and Abandoned Inland Areas Development Demand: A Critical Appraisal*. In: Gervasi, O., Murgante, B., Misra, S., Rocha, A.M.A.C., Garau, C. (eds) *Computational Science and Its Applications – ICCSA 2022 Workshops*. ICCSA 2022. Lecture Notes in Computer Science, vol 13382. Springer, Cham. https://doi.org/10.1007/978-3-031-10592-0_4
- Hair, J. F., Sarstedt, M., Hopkins, L. and Kuppelwieser, V. G. (2014). Partial least squares structural equation modeling (PLS-SEM): An emerging tool in business research. *European Business Review*, 26(2), 106 – 121. <https://doi.org/10.1108/EBR-10-2013-0128>
- Hair, J. F., Hult, G. T. M., Ringle, C. M. and Sarstedt, M. (2017). *A primer on partial least squares structural equation modeling (PLS-SEM) (2nd edition.)*. Sage.
- Hair, J. F., Risher, J. J., Sarstedt, M. and Ringle, C. M. (2019). When to use and how to report the results of PLS-SEM. *European Business Review*, 31(1), 2 – 24. <https://doi.org/10.1108/EBR-11-2018-0203>
- Hair, J. F., Hult, G. T. M., Ringle, C. M., Sarstedt, M., Danks, N. P. and Ray, S. (2021). *Partial Least Squares Structural Equation Modeling (PLS-SEM) Using R*. Springer. <https://doi.org/10.1007/978-3-030-80519-7>
- Hair, J. F., Hult, G. T. M., Ringle, C. M. and Sarstedt, M. (2022). *A primer on partial least squares structural equation modeling (PLS-SEM) (3rd edition)*. Sage. <https://doi.org/10.1007/978-3-030-80519-7>
- Hasan, A. A. T. and Khandakar, M. S. A. (2021). Mediating effect of tourists' emotional involvement on the relationship between destination attributes and tourist satisfaction. *Journal of Hospitality and Tourism Insights*, 4(4), 490 – 510. <https://doi.org/10.1108/JHTI-05-2020-0075>
- Hashimoto, A., Telfer, D. J. and Telfer, S. (2021). Life beyond growth? Rural depopulation becoming the attraction in Nagoro, Japan's scarecrow village. *Journal of Heritage Tourism*, 16(5), 493 – 512. <https://doi.org/10.1080/1743873X.2020.1807556>
- Henseler, J., Hubona, G. and Ray, P. (2016). Using PLS path modeling new technology research: updated guidelines. *Industrial Management & Data Systems*, 116(1), 2 – 20. <https://doi.org/10.1108/IMDS-09-2015-0382>

- Hosany, S. and Prayag, G. (2013). Patterns of tourists' emotional responses, satisfaction, and intention to recommend. *Journal of Business Research*, 66(6), 730 – 737. <https://doi.org/10.1016/j.jbusres.2011.09.011>
- Hoyle, R. (1995). *Structural Equation Modeling*. Thousand Oaks, SAGE.
- Huh, J., Uysal, M. and McCleary, K. (2006). Cultural/heritage destinations: Tourist satisfaction and market segmentation. *Journal of Hospitality and Leisure Marketing*, 14(3), 81 – 99. https://doi.org/10.1300/J150v14n03_07
- Hui, T. K., Wan, D. and Ho, A. (2007). Tourists' satisfaction, recommendation and revisiting Singapore. *Tourism management*, 28(4), 965 – 975. <https://doi.org/10.1016/j.tourman.2006.08.008>
- Jayasinghe, M. K. D., Gnanapala, W. K. A. and Sandaruwani, J. A. R. (2015). Factors affecting tourists' perception and satisfaction in Eliya, Sri Lanka. *Ilorin Journal of Economic Policy*, 2, 1 – 15.
- JCyL (2022, February 01). *Boletín de Coyuntura Turística*. Portal Oficial de Turismo de la Junta de Castilla y León. <https://www.turismocastillayleon.com/es/espacio-profesionales/boletines-coyuntura>
- Jeong, Y. and Kim, S. (2020). A study of event quality, destination image, perceived value, tourist satisfaction, and destination loyalty among sport tourists. *Asia Pacific Journal of Marketing and Logistics*, 32(4), 940 – 960. <https://doi.org/10.1108/APJML-02-2019-0101>
- Jesus, C. and Franco, M. (2016). Cooperation networks in tourism: A study of hotels and rural tourism establishments in an inland region of Portugal. *Journal of Hospitality and Tourism Management*, 29, 165 – 175. <https://doi.org/10.1016/j.jhtm.2016.07.005>
- Jing, C. J. and Rashid, B. (2018). Assessing the influence of destination perceived attributes performance on Chinese tourist emotional responses. *Journal of Tourism, Hospitality and Environment Management*, 3(11), 59 – 70.
- Khuong, M. N. and Ha, H. T. T. (2014). The influences of push and pull factors on the international leisure tourists' return intention to Ho Chi Minh City, Vietnam--a mediation analysis of destination satisfaction. *International Journal of Trade, Economics and Finance*, 5(6), 490. <https://doi.org/10.7763/IJTEF.2014.V5.421>
- Kim, S. S., Prideaux, B. and Chon, K. (2010). A comparison of results of three statistical methods to understand the determinants of festival participants' expenditures. *International Journal of Hospitality Management*, 29(2), 297 – 307. <https://doi.org/10.1016/j.ijhm.2009.10.005>
- Kock, N. (2015). Common method bias in PLS-SEM: A full collinearity assessment approach. *International Journal of e-Collaboration*, 11(4), 1 – 10. <https://doi.org/10.4018/ijec.2015070101>
- Kock, N. and Hadaya, P. (2018). Minimum sample size estimation in PLS-SEM: The inverse square root and gamma-exponential methods. *Information Systems Journal*, 28(1), 227 – 261. <https://doi.org/10.1111/isj.12131>

- Kozak, M. (2007). Tourist harassment: A marketing perspective. *Annals of Tourism Research*, 34(2), 384 – 399. <https://doi.org/10.1016/j.annals.2006.10.003>
- Kozak, M. and Rimmington, M. (2000). Tourist satisfaction with Mallorca, Spain, as an off-season holiday destination. *Journal of Travel Research*, 38, 260 – 269. <https://doi.org/10.1177/004728750003800308>
- Kozak, M., Bigne, E. and Andreu, L. (2004). Satisfaction and destination loyalty: A comparison between non-repeat and repeat tourists. *Journal of Quality Assurance in Hospitality and Tourism*, 5(1), 43 – 59. https://doi.org/10.1300/J162v05n01_04
- Kwong, K. and Wong, K. (2013). Partial Least Square Structural Equation Modeling (PLS-SEM). Techniques Using SmartPLS. *Marketing Bulletin*, 24, 1 – 32.
- Larraz, B. and García-Gómez, E. (2020). Depopulation of Toledo's historical centre in Spain? Challenge for local politics in world heritage cities. *Cities*, 105, 102841. <https://doi.org/10.1016/j.cities.2020.102841>
- Lee, T. H. (2009). A structural model to examine how destination image, attitude, and motivation affect the future behavior of tourists. *Leisure sciences*, 31(3), 215 – 236. <https://doi.org/10.1080/01490400902837787>
- Lee, B., Lee, C. K. and Lee, J. (2014). Dynamic nature of destination image and influence of tourist overall satisfaction on image modification. *Journal of Travel Research*, 53(2), 239–251. <https://doi.org/10.1177/0047287513496466>
- Li, X. R., Cheng, C. K., Kim, H. and Petrick, J. F. (2008). A systematic comparison of first-time and repeat visitors via a two-phase online survey. *Tourism Management*, 29(2), 278 – 293. <https://doi.org/10.1016/j.tourman.2007.03.010>
- Llodrà-Riera, I., Martínez-Ruiz, M. P., Jiménez-Zarco, A. I. and Izquierdo-Yusta, A. (2015). A multidimensional analysis of the information sources constructs and its relevance for destination image formation. *Tourism management*, 48, 319 – 328. <https://doi.org/10.1016/j.tourman.2014.11.012>
- Llosa, S., Chandon, J. L. and Orsingher, C. (1998). An empirical study of SERVQUAL's dimensionality. *Service Industries Journal*, 18(2), 16 – 44. <https://doi.org/10.1080/02642069800000017>
- Lu, L., Chi, C. G. and Liu, Y. (2015). Authenticity, involvement, and image: Evaluating tourist experiences at historic districts. *Tourism Management*, 50, 85 – 96. <https://doi.org/10.1016/j.tourman.2015.01.026>
- Malhotra, N. (2009). *Basic marketing research: A decision-making approach (3rd ed.)*. Pearson Education, Inc.
- Marcoulides, G. and Saunders, C. (2006). PLS: A silver bullet? *Management Information Systems Quarterly*, 30(2), 3 – 9. <https://doi.org/10.2307/25148727>
- Martín, J. C., Saayman, M. and Plessis, E. (2019). Determining satisfaction of international tourist: A different approach. *Journal of Hospitality and Tourism Management*, 40, 1 – 10. <https://doi.org/10.1016/j.jhtm.2019.04.005>

- Martín-Santana, J. D., Beerli-Palacio, A. and Nazzareno, P. A. (2017). Antecedents and consequences of destination image gap. *Annals of Tourism Research*, 62, 13 – 25. <https://doi.org/10.1016/j.annals.2016.11.001>
- Olague de la Cruz, J. T., Flores Villanueva, C. A. and Garza Villegas, J. B. (2017). El efecto de la motivación de viaje sobre la satisfacción del turista a través de las dimensiones de la imagen del destino: EL caso del turismo urbano de ocio a Monterrey, México. *Investigaciones Turísticas*, 14, 109 – 129. <https://doi.org/10.14198/INTURI2017.14.06>
- Osman, Z. (2013). Mediating effect of customer satisfaction on service quality and customer loyalty relationship in Malaysian rural tourism. *International Journal of Economics and Management Studies*, 2(1), 25 – 37.
- Ozdemir, B., Aksu, A., Ehtiyar, R., Çizel, B., Çizel, R. B. and İçigen, E. T. (2012). Relationships among tourist profile, satisfaction and destination loyalty: Examining empirical evidence in Antalya region of Turkey. *Journal of Hospitality Marketing and Management*, 21(5), 506 – 540 <https://doi.org/10.1080/19368623.2012.626749>.
- Pérez-Cabañero, C., Cervera-Taulet, A. and Schlesinger, W. (2017). Analysis of the impact of length of stay on the quality-of-service experience, satisfaction and loyalty. *International Review on Public and Nonprofit Marketing*, 14(2), 253 – 268. <https://doi.org/10.1007/s12208-016-0172-9>
- Pérez Campdesuñer, R., García Vidal, G., Sánchez Rodríguez, A. and Martínez Vivar, R. (2017). Structural Equation Model: Influence on Tourist Satisfaction with Destination Attributes. *Tourism and Hospitality Management*, 23(2), 219 – 233. <https://doi.org/10.20867/thm.23.2.2>
- Pizam, A., Neumann, Y. and Reichel, A. (1978). Dimensions of tourist satisfaction with a destination area. *Annals of Tourism Research*, 5, 314 – 322. [https://doi.org/10.1016/0160-7383\(78\)90115-9](https://doi.org/10.1016/0160-7383(78)90115-9)
- Prat Forga, J. M. (2020). La puesta en valor turístico del patrimonio cultural en fase de desaparición. Una oportunidad para los territorios de interior. Los casos de los monasterios de Vilabertrán, Scala Dei y Escornalbou, en Catalunya. *Investigaciones Turísticas*, 20, 315 – 334. <https://doi.org/10.14198/INTURI2020.20.14>
- Prayag, G., Hosany, S., Muskat, B. and 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>
- Prebensen, N. K., Woo, E. and Uysal, M. S. (2014). Experience value: Antecedents and consequences. *Current Issues in Tourism*, 17(10), 910 – 928. <https://doi.org/10.1080/13683500.2013.770451>
- Raithel, S., Sarstedt, M., Scharf, S. and Schwaiger, M. (2012). On the value relevance of customer satisfaction. Multiple drivers and multiple markets. *Journal of the Academy of Marketing Science*, 40(4), 509 – 525. <https://doi.org/10.1007/s11747-011-0247-4>
- Ragavan, N.A., Subramonian, H. and Sharif, S.P. (2014). Tourists' perceptions of destination travel attributes: an application to international tourists to Lumpur. *Procedia-Social*

- and Behavioral Sciences*, 144, pp. 403 – 411.
<https://doi.org/10.1016/j.sbspro.2014.07.309>
- Reinartz, W., Haenlein, M. and Henseler, J. (2009). An empirical comparison of the efficacy of covariance-based and variance-based SEM. *International Journal of Research in Marketing*, 26(4), 332 – 344. <https://doi.org/10.1016/j.ijresmar.2009.08.001>
- Salmasi, L., Celidoni, M. and Procidano, I. (2012). Length of stay: price and income semielasticities at different destinations in Italy. *International Journal of Tourism Research*, 14, 515 – 530. <https://doi.org/10.1002/jtr.1867>
- Santos, V., Sousa, B., Ramos, P. and Valeri, M. (2022). Emotions and involvement in tourism settings. *Current Issues in Tourism*, 25(10), 1526 – 1531. <https://doi.org/10.1080/13683500.2021.1932769>
- Sarstedt, M., Ringle, C. M. and Hair, J. F. (2021). *Partial Least Squares Structural Equation Modeling*. In: Homburg, C., Klarmann, M., Vomberg, A.E. (eds) *Handbook of Market Research*. Springer, Cham. https://doi.org/10.1007/978-3-319-57413-4_15
- Scorza, F., Pilogallo, A. and Las Casas, G. (2019). *Investigating Tourism Attractiveness in Inland Areas: Ecosystem Services, Open Data and Smart Specializations*. In: Calabrò, F., Della Spina, L., Bevilacqua, C. (eds) *New Metropolitan Perspectives*. ISHT 2018. Smart Innovation, Systems and Technologies, vol 100. Springer, Cham. https://doi.org/10.1007/978-3-319-92099-3_4
- Serra, P., Pallares-Barbera, M. and Salvati, L. (2022). Can a long-term economic subsidy counteract rural depopulation? An empirical analysis from two spanish regions. *Qual Quant*, 56(4), 1 – 20. <https://doi.org/10.1007/s11135-022-01505-7>
- Sharma, P. and Nayak, J.K. (2019). Do tourists' emotional experiences influence images and intentions in yoga tourism? *Tourism Review*, 74(3), 646 – 665. <https://doi.org/10.1108/TR-05-2018-0060>
- Shmueli, G. and Koppius, O. (2011). Predictive analytics in information systems research. *MIS Quarterly*, 35(3), 553 – 572. <https://doi.org/10.2307/23042796>
- Shmueli, G., Sarstedt, M., Hair, J. F., Cheah, J. H., Ting, H., Vaithilingam, S. and Ringle, C. M. (2019). Predictive model assessment in PLS-SEM: Guidelines for using PLSpredict. *European Journal of Marketing*, 53(11), 2322 – 2347. <https://doi.org/10.1108/EJM-02-2019-0189>
- Shrestha, D., Wenan, T., Gaudel, B., Rajkarnikar, N. and Jeong, S. R. (2022). Multi-dimensional Analysis and Prediction Model for Tourist Satisfaction. *KSII Transactions on Internet and Information Systems*, 26(2), 480 – 502.
- Simoteo, A. (2012). Formative and reflective models: state of the art. *Electronic Journal of Applied Statistical Analysis*, 5(3), 452 – 457.
- Smeral, E. (2006). Tourism satellite accounts: a critical assessment. *Journal of Travel Research*, 45, 92 – 98. <https://doi.org/10.1177/0047287506288887>
- Soler, I. P. and Gemar, G. (2019). A measure of tourist experience quality: the case of inland tourism in Malaga. *Total Quality Management and Business Excellence*, 30, 13 – 14. <https://doi.org/10.1080/14783363.2017.1372185>

- Song, B. L., Liew, C. Y., Sia, J. Y. and Gopal, K. (2021). Electronic word-of-mouth in travel social networking sites and young consumers' purchase intentions: an extended information adoption model. *Young Consumers*, 22(4), 521 – 538. <https://doi.org/10.1108/YC-03-2021-1288>
- Streukens, S. and Leroi-Werelds, S. (2016). Bootstrapping and PLS-SEM: A step-by-step guide to get more out of your bootstrap results. *European Management Journal*, 34(6), 618 – 632. <https://doi.org/10.1016/j.emj.2016.06.003>
- Sun, X., Chi, C. G. Q. and Xu, H. (2013). Developing destination loyalty: The case of Hainan Island. *Annals of Tourism Research*, 43, 547 – 577. <https://doi.org/10.1016/j.annals.2013.04.006>
- Tlili, H. T. and Amara, D. (2016). Towards emotional experience and place attachment as tourist satisfaction attributes. *Journal of Business and Economic Policy*, 3(3), 108 – 119.
- Tontini, G., Söilen, K. S. and Zanchett, R. (2017). Nonlinear antecedents of customer satisfaction and loyalty in third-party logistics services (3PL), *Asia Pacific Journal of Marketing and Logistics*, 29(5), 1116 – 1135. <https://doi.org/10.1108/APJML-09-2016-0173>
- Vidal-Matzanke, A. and Vidal-González, P. (2022). Hiking accommodation provision in the mountain areas of Valencia Region, Spain: a tool for combating the depopulation of rural areas. *Journal of Sport and Tourism*, 26(2), 165 – 184. <https://doi.org/10.1080/14775085.2022.2053563>
- Yoon, Y. and Uysal, M. (2005). An examination of the effects of motivation and satisfaction on destination loyalty: a structural model. *Tourism Management*, 26(1), 45 – 56. <https://doi.org/10.1016/j.tourman.2003.08.016>

CONTRIBUTIONS OF THE AUTHORS

Author 1: the original conception of the work, the acquisition of data, and the critical review of the content.

Author 2: the analysis and interpretation of data, the writing of the content, and the final approval of the version to be published.

Author 3: the acquisition of data and the critical review of the content.

Author 4: the original conception of the work and the acquisition of data.

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ANNEX I



HELP US TO IMPROVE
Your opinion matters to us

Id_Interviewer: _____ Mun: _____ Place: _____ Date: _____ Region: 1 2 3 4 5 6

Thank you for your collaboration. Also, you've the opportunity to take part in a CONTEST TO WIN A NIGHT IN A HOTEL. Please, supply the following data:
Mobile Phone: _____ Email Address: _____

(MC) indicates the possibility of choosing more than one answer choice.

PERSONAL PROFILE

Gen	Age	Studies	How do you travel? (MC)	Current Occupation (MC)
<input type="checkbox"/> M <input type="checkbox"/> F	<input type="checkbox"/> <25 <input type="checkbox"/> 25-39 <input type="checkbox"/> 40-55 <input type="checkbox"/> 55-65 <input type="checkbox"/> >65	<input type="checkbox"/> Pre-Univ. <input type="checkbox"/> Univ.	<input type="checkbox"/> Alone <input type="checkbox"/> Couple <input type="checkbox"/> Organised trip <input type="checkbox"/> Friends <input type="checkbox"/> Family <input type="checkbox"/> Other:	<input type="checkbox"/> Employer <input type="checkbox"/> Unemployed <input type="checkbox"/> Student <input type="checkbox"/> Other: <input type="checkbox"/> Employee <input type="checkbox"/> Househusband/Wife <input type="checkbox"/> Retired
Origin			Have I ever been to Burgos ...	
<input type="checkbox"/> Spain (province): <input type="checkbox"/> Other countries:			City? <input type="checkbox"/> Yes (<input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 or+) <input type="checkbox"/> No	Province? <input type="checkbox"/> Yes (<input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 or+) <input type="checkbox"/> No

PLANNING THE VISIT

Reasons to travel: (MC)			
<input type="checkbox"/> Enjoy natural environment	<input type="checkbox"/> Enjoy holidays / free time	<input type="checkbox"/> Visiting new places	<input type="checkbox"/> The Route of El Cid
<input type="checkbox"/> Professional reasons (work, studies, conferences, ...)	<input type="checkbox"/> Visiting monuments and heritage	<input type="checkbox"/> Taste the local gastronomy	<input type="checkbox"/> Wine Tourism
<input type="checkbox"/> Sport activities	<input type="checkbox"/> Visiting family and friends	<input type="checkbox"/> Attend to events	<input type="checkbox"/> Celebrations
<input type="checkbox"/> Visiting archeological sites	<input type="checkbox"/> Hiking, Climbing, ...	<input type="checkbox"/> Pilgrim's Route to Santiago	
<input type="checkbox"/> Other:			
How did you know about the place? (MC)		Type of transportation (MC)	Planning the trip (MC)
<input type="checkbox"/> Guides/Brochures	<input type="checkbox"/> Friends/Family	<input type="checkbox"/> Car	<input type="checkbox"/> Without booking
<input type="checkbox"/> Tourist fair	<input type="checkbox"/> Internet	<input type="checkbox"/> Bus	<input type="checkbox"/> Internet
<input type="checkbox"/> Tourist Inf. Office	<input type="checkbox"/> Local	<input type="checkbox"/> Bike	<input type="checkbox"/> Phone
<input type="checkbox"/> Social Networks	<input type="checkbox"/> Other:	<input type="checkbox"/> Foot	<input type="checkbox"/> Travel agency
<input type="checkbox"/> Moyens de Communication (Tv, Radio, etc)	<input type="checkbox"/> I didn't know it	<input type="checkbox"/> Plane	<input type="checkbox"/> Other:
<input type="checkbox"/> Other:		<input type="checkbox"/> Other:	
Use of the Internet to organise the visit / book the visit (MC)			www.turismoburgos.org
Did you use the Internet to search INFORMATION about your visit?	Yes <input type="checkbox"/> Please, indicate the websites: _____ No <input type="checkbox"/>		Do you know this website? Yes <input type="checkbox"/> No <input type="checkbox"/>
Did you use the Internet to CONTRACT OR PAY any aspect of your visit?	Yes <input type="checkbox"/> Please, indicate the websites: _____ No <input type="checkbox"/>		If yes, your assessment is ...
			Very bad <input type="checkbox"/> Bad <input type="checkbox"/> Regular <input type="checkbox"/> Good <input type="checkbox"/> Very good <input type="checkbox"/>

VISIT

Duration (days)	Overnight stay (nights)	Type of accommodation (MC)			
<input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 or+	<input type="checkbox"/> Yes (<input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 or+) <input type="checkbox"/> No	<input type="checkbox"/> Hotel	<input type="checkbox"/> Hostel	<input type="checkbox"/> Rural Aco	<input type="checkbox"/> Relatives / Friends
		<input type="checkbox"/> Camping	<input type="checkbox"/> Other:		
Route (MC)	Main expenses during your visit (check the 4 main ones)			Total expenses (€) per person/day	
<input type="checkbox"/> Only Burgos City	<input type="checkbox"/> Accommodation	<input type="checkbox"/> Bar / Cafe	<input type="checkbox"/> Restaurants	<input type="checkbox"/> <30	
<input type="checkbox"/> Province	<input type="checkbox"/> Culture/Leisure	<input type="checkbox"/> Transportation	<input type="checkbox"/> Shopping	<input type="checkbox"/> 31-60	
<input type="checkbox"/> Other provinces (indicate which):				<input type="checkbox"/> 61-100	
				<input type="checkbox"/> 101-150	
				<input type="checkbox"/> 151-250	
				<input type="checkbox"/> >250	

Global level of satisfaction with the visit: (1: Not satisfied at all; 5: Very Satisfied) 1 2 3 4 5

Level of satisfaction with different aspects of the visit: (1: Not satisfied at all; 5: Very satisfied)																
Tourist sign post	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Accommodation Offer	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Parking	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Cultural Areas (Museums, Exhibitions, etc)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Local Guides	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Local shops	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Hotel Staff	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Quality/Cost in restaurants	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Brochures/Maps	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Tourist Information Point	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Web/Internet	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Monuments visiting hours	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Other:							<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

In case you had any problem/incident during your visit, please mark it down... **(MC)**

Accommodation Museums and Monuments Restaurants/Bar Information Services Transportation Other:

Hospitality / Attention Infrastructures (roads, signage, ...)

(if you wish, please describe briefly the incident)

LOYALTY AND IMPROVEMENT

Indicate your agreement/disagreement with the following statements:			
	Yes	No	
Before coming, I compared this destination with other options	<input type="checkbox"/>	<input type="checkbox"/>	I'd recommend this destination
The visiting area has a great tourist attraction	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Yes <input type="checkbox"/> No
I'll try to come back again	<input type="checkbox"/>	<input type="checkbox"/>	Indicate why: _____

eqtbur

We would be very grateful if you pointed out those aspects that, in your opinion, should be IMPROVED

What things are better in other visited places that there is not in the province of Burgos?
What other activities would you like to see carried out in the province of Burgos?

THANKS FOR YOUR COLLABORATION

