Article

Image destination engagement from a cultural perspective—A neuromarketing approach for a Spanish-German study

José Manuel Mas¹,*, Kathrin Jaszus², Andrés Gómez¹, Fernando García Monleon¹

¹ ESIC Business & Marketing School, ESIC University, 28224 Madrid, Spain
² Trier University of Applied Sciences, 54293 Trier, Germany
* Corresponding author: José Manuel Mas, josemanuel.mas@esic.university

Abstract: The importance of the image of the tourist destination in the communication and marketing of a tourist destination is beyond doubt. For this reason, numerous studies address these issues. However, not so many do so from the perspective of the emotion the receiver feels, which is why this study deals with analyzing the emotion generated in the receiver through neuromarketing techniques and measuring the level of engagement felt. As a fundamental part of this study, we added the variable of cultural differences, both generically and specifically for gender and age. We are mainly guided by the theories of Life Cycle Theory and Generational Theory to analyze age differences. At the same time, gender differences are approached from the Gender Role Theory. The sample comprises hundred individuals with apparent cultural differences, one sample of German origin and residence and the other of Spanish origin and residence, 50/50. We approached the study from the point of view of the emotion felt by the receiver of the message based on ten neuromarketing techniques (EGG) and ten images used by a famous tourist destination known in both countries. The results suggest that not only are there differences in the emotion felt after viewing images of a tourist destination, but that these differences are also explained by cultural background, gender, and age.

Keywords: image destination engagement; tourism neuromarketing; cultural differences; gender differences; age differences

1. Introduction

1.1. Importance of image destinations in tourism marketing

Nowadays, nobody doubts the importance of the destination image when choosing a destination. Therefore, it is recognized in the scientific literature as one of the key concepts [1].

We define destination image as the general perception or mental image that potential visitors have of a particular destination [2]. Several factors influence the destination image and can be positive, negative, or neutral [1]. Furthermore, it consists of two components: a cognitive component based on facts and an affective component based on feelings, values, and emotions associated with the tourism destination [3].

This is why images play a crucial role in promoting destinations and different types of travel, from attraction to engagement to purchase and repurchase intent.

Traditionally, the literature has focused on the cognitive component of the destination image (perceptions, beliefs, and knowledge about destination characteristics). The affective component is becoming increasingly important when choosing a destination or a type of travel [4].
1.2. Emotions in tourism marketing

Traditionally, researchers use various self-report measures, such as questionnaires, to determine respondents’ emotional states [5]. Subjects are asked to rate (numerically) the emotions that certain stimuli, such as photos of a destination or a particular type of travel, evoke in them. Despite the advantages of this method, such as its low cost and ease of use, there is a risk of possible emotional bias, which can have various causes [6]. One way to avoid unbiased data when measuring emotions and to capture objective responses in real time is to use an appropriate neural instrument. The emotional responses of the brain elicited by the marketing stimulus are directly recorded by the chosen instrument, like the EGG sensor. An EEG-based neuromarketing experiment can be used as a tool to evaluate the effectiveness of tourist destination marketing in coupling a positive emotion to a destination [7].

Decisions on travel destinations have an unconscious component and a direct component that may drive or affect overt preference and actual choice, which can be measured with EGG sensors [8].

1.3. Cultural differences

To comprehensively grasp general cultural differences, particularly those associated with age and gender, a comprehensive theoretical framework must be developed by integrating cultural anthropology, sociology, and psychology concepts. This approach will enable us to better understand the factors that shape cultural variations across groups and individuals. To be able to see the primary constructs and variables:

Aging drawing from various disciplines such as cultural anthropology, sociology, and psychology, one can delve into the cultural dimensions surrounding age and gender [9]. This exploration thoroughly explores diverse theories related to these dimensions, including socialization’s role and the impact of societal expectations. Understanding how age and gender are perceived and constructed in different cultures enhances our appreciation of other perspectives and facilitates cross-cultural understanding. This approach is integral to creating a comprehensive theoretical framework for aging experiences, requiring an examination of cultural disparities across societies. Interdisciplinary research from the mentioned fields can provide valuable insights into the varied perspectives surrounding aging [10], encompassing beliefs about the roles, expectations, and treatment of the elderly and intergenerational relationships.

Moreover, the influence of cultural differences in shaping gender roles and identities is significant [11]. A comprehensive understanding of these differences demands an interdisciplinary approach integrating cultural anthropology, sociology, and psychology principles. Using this method, it is possible to investigate in greater detail how various cultures interpret masculinity and femininity in light of their distinctive historical backgrounds, customs, and belief structures [12].

Societal generational gaps, often attributed to age-related disparities, vary in degree depending on sociocultural factors [13]. By combining insights from cultural anthropology, sociology, and psychology, it is possible to analyze how culture impacts
these generational dynamics. This analysis includes an understanding of attitudes toward authority figures and family power distribution [14].

Finally, studying the dynamics of age, gender, and culture necessitates accounting for intersectionality [15]. Theoretical frameworks should consider how aspects like age intersect with gender within specific cultural contexts and vice versa. Integrating knowledge from cultural anthropology, sociology, and psychology enables researchers to uncover the complex interactions between culture-specific practices surrounding age and gender. These interactions might have varying implications depending on other individual characteristics, such as race or class [16], providing a more nuanced and comprehensive understanding of these cultural dimensions.

1.3.1. Defining culture and cultural differences

Building on Goold’s work, we define culture as an amalgamation of beliefs, customs, arts, and habits that characterize a particular society or group [17]. Similarly, cultural differences represent the variations in these elements across different societies or groups. Culture encompasses the unique beliefs, customs, arts, and habits that distinguish one society or group from another [18], including aspects such as language, religion, values, social norms, and behaviors [19]. For scholars studying intersectionality, a thorough understanding of culture and its differences is vital. It lays the groundwork for examining how age, gender, race, and class intersect within specific cultural contexts [20]. This understanding enables researchers to delve deeper into individuals’ diverse implications and experiences across different social identities [21].

1.3.2. Theoretical foundations

From an anthropological perspective, social, economic, and environmental factors influence culture, highlighting its dynamic nature. This is crucial in examining intersectionality, where anthropologists explore how cultural norms and values affect individuals’ societal experiences, including historical, economic, and environmental influences. This approach highlights culture’s multi-dimensional nature and significant role in shaping societal experiences.

Meanwhile, the sociological perspective focuses on establishing, maintaining, and evolving community cultural norms. It is essential to recognize that these norms are not static but are continuously evolving under social, economic, and political influences [22]. This viewpoint emphasizes the power dynamics in shaping cultural norms and the unequal allocation of resources and opportunities across societies. By adopting this perspective, researchers can gain insights into how social structures and institutions perpetuate inequality and marginalization, highlighting the potential for individuals and social groups to challenge and transform cultural norms, thereby creating more inclusive and equitable societies [23].

The psychological perspective focuses on how individuals perceive, interpret, and engage with cultural norms [24]. This perspective acknowledges people’s crucial role in shaping cultural norms, examining their perceptions, interpretations, and reactions. This understanding deepens the comprehension of how cultural norms are ingrained and can be challenged and altered, underscoring the importance of individual agency in advancing social progress and fostering inclusive communities [25].
1.3.3. Cultural differences by age

The study of cultural differences based on age, such as through life cycle theory, explores how cultural attitudes and actions evolve through various life stages, including childhood, adolescence, adulthood, and old age [26]. This approach recognizes that cultural standards and expectations differ throughout these phases, influencing people’s beliefs, values, and interactions with their environment. By analyzing these differences, researchers can understand how cultural standards impact people’s development and their adjustments and reactions to these transformations [27]. This approach highlights that cultural norms are fluid and underscores the importance of recognizing each life stage’s distinct challenges and opportunities.

Generational theory further enhances this understanding by examining the impact of historical and technological changes on different generations [28]. This theory aids in understanding how changes have shaped each generation’s beliefs, values, and interactions with their environment. By focusing on the unique challenges and opportunities faced by Baby Boomers, Gen X, Millennials, and Gen Z, researchers can understand the evolution of cultural norms and their influence on individual development [29]. This perspective stresses the importance of acknowledging different generations’ diverse experiences and perspectives to facilitate effective communication and collaboration across age groups [30].

The socialization process, a vital component in transmitting and modifying culture over time [31], encompasses how individuals learn and internalize social norms, values, and behaviors, including traditions and customs from parents and education from institutions. This process shapes each generation’s beliefs and attitudes, offering a valuable lens to study cultural change and adaptability. Recognizing the impact of socialization fosters an inclusive environment that values the contributions and perspectives of all generations, enabling societal evolution and progress [32].

1.3.4. Cultural differences by gender

According to gender role theory [33], it is crucial to comprehend cultural definitions and values surrounding gender roles and behaviors. This theory focuses on assigning and perceiving specific roles and behaviors based on gender within various societies [34]. By studying this theory, researchers can gain insights into how cultural norms shape and reinforce gender stereotypes, which is critical in promoting gender equality and challenging limitations based on gender [35].

Intersectionality provides a comprehensive understanding of cultural experiences by examining the intersection of gender with other social categories, such as race, class, and ethnicity [36]. This concept recognizes that gender does not solely determine an individual’s experiences [37]. Analyzing the interplay between gender and other social categories offers a comprehensive view of cultural norms and stereotypes, facilitating a nuanced approach to promoting gender equality. It acknowledges the various forms of discrimination and oppression individuals may face based on their intersecting identities. It makes intersectionality a crucial framework for comprehending the complexity of gendered experiences and designing effective gender equality policies [38].
Feminist and masculinity studies analyze cultural narratives around femininity and masculinity [34,39]. This field delves into societal expectations and stereotypes shaping our understanding of femininity and masculinity [40]. By analyzing these cultural narratives, researchers can challenge and deconstruct harmful gender norms, working towards a more inclusive and equitable society [41]. Additionally, this field allows for a deeper exploration of how power dynamics and inequalities are reinforced through gendered ideologies, paving the way for transformative change.

1.3.5. Cross-cultural comparisons

Comparative analysis, which involves comparing how age and gender roles vary between cultures, offers valuable insights into how these roles are constructed and perceived in different societies [42]. By examining different cultural narratives and practices, researchers can better understand how femininity and masculinity are shaped and reinforced in complex and nuanced ways [20]. This analysis helps challenge ethnocentric assumptions and promotes a more inclusive and diverse perspective on gender identities and expectations [43].

Cultural relativism, or understanding cultural practices within their context [44], means considering the historical, social, and cultural factors that shape them. Embracing cultural relativism fosters a more inclusive and respectful understanding of gender, challenging the notion of a single, dominant perspective [45].

1.3.6. Contemporary influences

The impact of technology and societal interconnectedness on cultural norms, particularly concerning age and gender, is significant [46]. The internet and social media have facilitated the exchange of ideas and information among individuals from diverse cultures, leading to challenges to traditional gender roles and a more nuanced understanding of masculinity and femininity [47].

1.4. Cultural differences in tourism behaviours

Cultural differences in tourism behaviours can also contribute to portraying age and gender roles [48]. Older individuals may be revered and respected in some cultures, while youth is highly valued and sought after in others [49]. Similarly, gender roles may vary greatly, with some cultures emphasizing equality and others adhering to traditional gender norms. Understanding and appreciating these cultural differences can lead to a more authentic and fulfilling travel experience and a greater appreciation for diversity and inclusivity [50].

By recognizing and respecting these cultural differences, tourists can avoid unintentionally offending or disrespecting local customs and traditions [51]. For example, in a culture where older individuals are highly respected, tourists may be expected to show deference and seek their wisdom and guidance. On the other hand, tourists may be encouraged to embrace a more adventurous and energetic approach to their travels in a culture that values youth. Similarly, understanding the varying gender roles can help tourists navigate social interactions and expectations more effectively. This awareness can lead to more meaningful connections with locals and a deeper understanding of the local culture [52]. Ultimately, embracing and appreciating these cultural differences can enrich the travel experience and foster global understanding and acceptance. Additionally, embracing cultural differences can lead to a greater
appreciation for the diversity and richness of human experiences worldwide. It allows travellers to broaden their perspectives and challenge preconceived notions, ultimately fostering global understanding and acceptance [53].

1.5. Cultural differences between Spain and Germany

Cultural differences between Germany and Spain include their attitudes towards punctuality and meal times. In Germany, being on time is highly valued and considered a sign of respect, whereas in Spain, being fashionably late is more acceptable and even expected [54]. Furthermore, meal times in Germany tend to be more structured, with lunch being the main meal of the day, while in Spain, dinner is typically enjoyed later in the evening. These cultural differences highlight the importance of understanding and adapting to local customs when travelling to different countries [55].

Recognizing and respecting these cultural differences allows travellers to avoid misunderstandings and foster positive interactions with locals. For example, a German traveller visiting Spain may need to adjust their expectations regarding punctuality and be prepared for a more relaxed approach to timekeeping. Similarly, a Spanish traveller in Germany may need to adapt to the structured meal times and prioritize lunch as the main meal of the day.

Understanding and adapting to local customs helps travellers avoid misunderstandings and shows respect for the host country’s culture [56]. It allows travellers to immerse themselves more fully in the local experience and build meaningful connections with the people they encounter. Moreover, being aware of cultural differences can also enhance safety while traveling as specific actions or behaviours that may be acceptable in one culture could be considered offensive or inappropriate in another [57]. Therefore, travellers must research and familiarize themselves with the customs and norms of the country they are visiting before embarking on their journey. While researching and familiarizing oneself with the customs of a host country can be beneficial, it does not guarantee complete avoidance of misunderstandings or ensure respect for the culture, as cultural norms can be complex and dynamic, making it impossible to grasp them through research alone fully [58,48].

2. Materials and methods

Following the analysis of the existing literature and the theoretical framework constructed, we establish a single research objective that we will translate into three different hypotheses.

The research aims to analyze whether there are differences in the emotions aroused in different subjects by the visualisation of a tourist destination image. This research objective comes through the conjunction of the importance of image in tourism destination promotion [1,3,4], as well as its analysis from an emotional point of view [5,7].

To analyze the differences, we draw on existing literature on cultural differences in tourist behavior, by gender and by age [48,49] as well as the studies addressing the specific cultural difference between Germans and Spaniards [54,59].
This research objective is addressed through 3 hypotheses:

- **H1.** There are differences in engagement from the point of view of the cultural difference of the sample (Spanish vs German tourist).
- **H2.** These differences are maintained if we take into account the gender variable in the sample.
- **H3.** These differences are maintained if we consider the variable of the sample’s age.

A conceptual table is attached for a better understanding of the research objective and the hypotheses. See Figure 1.

![Figure 1. Research design.](source: Own elaboration.)

A group of experts selected the visual stimuli illustrating the tourist destination under study. All the images came from the website of the Balearic Islands Tourism Strategy Agency (https://www.illesbalears.travel/). The classification of the travel types was taken from the Reiseanalyse [60], an annual survey of German travel behavior. The respondents were presented with one photo for each of the following categories: (T1) gastronomic tourism, (T2) active holidays, (T3) cultural holidays, (T4) adventure holidays, (T5) relaxing holidays, (T6) family holidays, (T7) party tourism, (T8) nature tourism, (T9) health holidays, (T10) beach holidays.

Stimuli are standardized. The size of the photographs is similar.

The study is carried out using neuromarketing techniques under strict ethical and confidentiality guarantees. All participants are informed in advance and sign a letter of acceptance of the ethical protocols. The university’s ethics committee also approves the experiment.

The sample consists of 100 individuals, 50 Spanish nationality and resident in Spain, and 50 German nationality and resident in Germany. The sample has gender parity. The individuals in the sample are between 20 and 65 years old, with an average of 38 years old. All individuals have a higher education, and we found both employed
and unemployed students. During the sample qualification, the individuals were asked whether they had ever travelled to the Balearic Islands. Of the total sample, 48% had previously travelled to the destination under study.

Participation in the experiment is voluntary, and there is no financial reward.

This sample size is standard in neuromarketing studies [61,62,63].

The laboratory used consists of 3 sensors: 1) 12-channel EGG sensor (Fp1, Fp2, AF7, AF8, F3, F4, P3, P4, PO7, PO8, O1, O2), REF (A1) and DRL (Fpz)) located in a pre-frontal, frontal, parietal and occipital area that allows accurate measurement of frontal alpha asymmetry, alpha-ERD/occipital ERS, P300, N400, CVN, with trademark Dry Diadem of BitBrain; 2) electrodermal sensor (EDA) to measure galvanic skin response; 3) cardiovascular activity sensor (BVP) both trademarked BitBrain, and finally, as well as analysis software SennsLab and SennsMetric from BitBrain. The configuration of this laboratory is widely used in other scientific investigations [61,62,64,65].

The study includes the analysis of the variable engagement or Degree of Connection.

This variable measures the degree of involvement or connection between the person and the stimulus or experience presented. It is a metric derived from the use of the EGG [66,67] widely used in various fields of neuroscience [68,69].

There is a base of authors who have approached the measurement of the so-called emotional engagement through neuromarketing techniques, specifically with EGG, both at a generic and a more general level [63,70] and specifically in the area of communication [71].

The results obtained by the laboratory are exploited with descriptive statistical techniques, more specifically, with an analysis of means.

3. Results

The results obtained from the neuromarketing laboratory are exploited through statistical techniques applied directly to the data and metrics obtained [73]. For this study, we carried out an analysis of means.

As can be seen in Table 1 and Figure 2, there are notable differences in the engagement variable in the sample of individuals from the German group compared to the Spanish group.

Therefore, we can validate that there are differences in the emotion felt, thus validating hypothesis 1 (H1).

Table 1. Analysis of engagement variable means according to sample by cultural origin.

<table>
<thead>
<tr>
<th>Engagement by country</th>
<th>Value 01</th>
<th>Value 02</th>
<th>Value 03</th>
<th>Value 04</th>
<th>Value 05</th>
<th>Value 06</th>
<th>Value 07</th>
<th>Value 08</th>
<th>Value 09</th>
<th>Value 10</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total engagement</td>
<td>38.440560</td>
<td>35.7947168</td>
<td>38.3274097</td>
<td>38.4244297</td>
<td>39.5724228</td>
<td>39.8123918</td>
<td>39.8123918</td>
<td>36.6781996</td>
<td>37.6166996</td>
<td>38.0711108</td>
</tr>
<tr>
<td>Spanish engagement</td>
<td>41.101475</td>
<td>36.5385479</td>
<td>38.5044034</td>
<td>37.8936726</td>
<td>43.7203461</td>
<td>40.847523</td>
<td>40.847523</td>
<td>37.6451682</td>
<td>38.5090875</td>
<td>36.4100569</td>
</tr>
<tr>
<td>German engagement</td>
<td>35.548261</td>
<td>34.9862047</td>
<td>38.1350252</td>
<td>39.0013395</td>
<td>35.0638105</td>
<td>38.6872492</td>
<td>38.6872492</td>
<td>35.6271467</td>
<td>36.6467127</td>
<td>39.8766043</td>
</tr>
</tbody>
</table>

Source: Own elaboration.
Figure 3. Analysis of engagement variable means according to sample by cultural origin.
Source: Own elaboration.

We can observe in Table 2 and Figure 3 that the engagement felt by the sample of Spanish individuals is higher in all the stimuli except for stimuli 4 and 10.

Suppose we add the gender variable to the analysis. In that case, we can see that these differences between the different cultural groups (Spanish vs. German) are not only maintained but, in most cases, increased, thus validating hypothesis 2 (H2).

Table 2. Analysis of engagement variable means according to sample by cultural origin and gender.

<table>
<thead>
<tr>
<th>Engagement by gender</th>
<th>Value 01</th>
<th>Value 02</th>
<th>Value 03</th>
<th>Value 04</th>
<th>Value 05</th>
<th>Value 06</th>
<th>Value 07</th>
<th>Value 08</th>
<th>Value 09</th>
<th>Value 10</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total engagement</td>
<td>38.4405605</td>
<td>35.7947168</td>
<td>38.3274097</td>
<td>38.4244297</td>
<td>39.5724228</td>
<td>39.8123918</td>
<td>39.8123918</td>
<td>36.6781996</td>
<td>37.6166996</td>
<td>38.071108</td>
</tr>
<tr>
<td>Male engagement</td>
<td>37.5461584</td>
<td>35.2234115</td>
<td>38.98702</td>
<td>40.5141536</td>
<td>42.2302894</td>
<td>39.8826742</td>
<td>39.8826742</td>
<td>36.1505237</td>
<td>37.4872029</td>
<td>38.1550032</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Spanish engagement by gender</th>
<th>Value 01</th>
<th>Value 02</th>
<th>Value 03</th>
<th>Value 04</th>
<th>Value 05</th>
<th>Value 06</th>
<th>Value 07</th>
<th>Value 08</th>
<th>Value 09</th>
<th>Value 10</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total engagement</td>
<td>41.1014754</td>
<td>36.5385479</td>
<td>38.5044034</td>
<td>37.8936726</td>
<td>43.7203461</td>
<td>40.847523</td>
<td>40.847523</td>
<td>37.6451682</td>
<td>38.5090875</td>
<td>36.4100569</td>
</tr>
<tr>
<td>Female engagement</td>
<td>43.331956</td>
<td>38.6648427</td>
<td>39.7512881</td>
<td>38.1614477</td>
<td>36.4537377</td>
<td>42.5667358</td>
<td>42.5667358</td>
<td>37.8206992</td>
<td>38.9811451</td>
<td>34.5236185</td>
</tr>
<tr>
<td>Male engagement</td>
<td>35.4653572</td>
<td>33.501168</td>
<td>38.9346543</td>
<td>40.8757176</td>
<td>33.6151851</td>
<td>35.5095636</td>
<td>35.5095636</td>
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<table>
<thead>
<tr>
<th>German engagement by gender</th>
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<th>Value 02</th>
<th>Value 03</th>
<th>Value 04</th>
<th>Value 05</th>
<th>Value 06</th>
<th>Value 07</th>
<th>Value 08</th>
<th>Value 09</th>
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</tr>
</thead>
<tbody>
<tr>
<td>Total engagement</td>
<td>35.5482617</td>
<td>34.9862047</td>
<td>38.135252</td>
<td>39.0013395</td>
<td>35.0638105</td>
<td>38.6872492</td>
<td>38.6872492</td>
<td>35.6271467</td>
<td>36.6467127</td>
<td>39.8766043</td>
</tr>
<tr>
<td>Female engagement</td>
<td>34.195971</td>
<td>33.4103956</td>
<td>34.9890283</td>
<td>33.9860374</td>
<td>37.507037</td>
<td>36.110447</td>
<td>36.110447</td>
<td>36.4153878</td>
<td>36.1584048</td>
<td>42.4404184</td>
</tr>
<tr>
<td>Male engagement</td>
<td>36.6841859</td>
<td>36.3098843</td>
<td>40.7776627</td>
<td>43.2141932</td>
<td>33.0115003</td>
<td>40.8517631</td>
<td>40.8517631</td>
<td>34.9650242</td>
<td>37.0568913</td>
<td>37.7230004</td>
</tr>
</tbody>
</table>

Source: Own elaboration.
Figure 3. Analysis of engagement variable means according to sample by cultural origin.
Source: Own elaboration.

As can be seen in Table 3 and Figure 4, Engagement by gender is strongly affected by country, almost completely reversing the results.

Suppose we add the age variable to the analysis, generating two groups for each sample (individuals aged 25 or under and individuals over 26). In that case, we can observe that these differences between the different cultural groups (Spaniards vs. Germans) are maintained, although not as marked as the gender differences, thus validating hypothesis 3 (H3).

Table 3. Analysis of engagement variable means according to sample by cultural origin and age.

<table>
<thead>
<tr>
<th>Engagement by age</th>
<th>Value 01</th>
<th>Value 02</th>
<th>Value 03</th>
<th>Value 04</th>
<th>Value 05</th>
<th>Value 06</th>
<th>Value 07</th>
<th>Value 08</th>
<th>Value 09</th>
<th>Value 10</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total engagement</td>
<td>38.4405605</td>
<td>35.7947168</td>
<td>38.3274097</td>
<td>38.4244297</td>
<td>39.5724228</td>
<td>39.8123918</td>
<td>39.8123918</td>
<td>36.6781996</td>
<td>37.6166996</td>
<td>38.0711108</td>
</tr>
<tr>
<td>Engagement 25–</td>
<td>37.4821123</td>
<td>38.2269047</td>
<td>35.5343075</td>
<td>36.9999762</td>
<td>34.5453621</td>
<td>42.4841977</td>
<td>42.4841977</td>
<td>35.9496898</td>
<td>39.3446395</td>
<td>36.674222</td>
</tr>
<tr>
<td>Engagement 26+</td>
<td>38.8976665</td>
<td>34.6347502</td>
<td>39.6595046</td>
<td>39.1037844</td>
<td>38.5381459</td>
<td>38.5381459</td>
<td>37.0256427</td>
<td>36.7926051</td>
<td>38.7373193</td>
<td></td>
</tr>
</tbody>
</table>

Source: Own elaboration.
4. Discussion

As we can see in the results, there are notable differences in the engagement variable in the sample of individuals belonging to the German group compared to the Spanish group. We confirm the theory of [48,49], who assert that cultural differences in tourism behaviours may also contribute to the representation of age and gender roles, as we have seen when accepting hypotheses 1 to 3.

The results of this study reinforce Kågesten’s [73] ideas that there is a need to understand how cultural differences can change the perception of a journey, which will help us to develop better communication with the audience by taking into account aspects such as their country of origin [55], age [26], or gender [33].

Understanding and appreciating these cultural differences can lead to a more authentic and fulfilling travel experience and a greater appreciation for diversity and inclusiveness [50].

As we can see after analyzing the results, there are cultural, age, and gender differences. Verifying the existence of these differences will help us not to generate messages that may create distortions or even offensive messages, thus reconciling the destination image and the culture of the receiver [51]. Moreover, to generate greater engagement with the local culture communicated in our messages [52].

Author contributions: Conceptualization, JMM and KJ; methodology, JMM; software, JMM and FGM; validation, JMM and FGM; formal analysis, KJ and AG;
investigation, JMM and KJ; resources, KJ and AG; data curation, FGM; writing—original draft preparation, JMM; writing—review and editing, JMM and AG; visualization, JMM; supervision, JMM; project administration, JMM. All authors have read and agreed to the published version of the manuscript.

Conflict of interest: The authors declare no conflict of interest.

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