

Tourism Management

#iLoveLondon: An exploration of the declaration of love towards a destination on Instagram --Manuscript Draft--

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Abstract:	<p>Travellers increasingly use a combination of photographs, texts and hashtags to expressing their attitude towards tourism destinations (TDs). Existing destination branding literature has not yet investigated how consumers express their love towards TDs on social media. This study addresses this knowledge gap and explores how destination brand love (DBL) is expressed on Instagram using a mixed-methods approach. Study one consists of a qualitative visual content analysis of 700 user-generated photographs; while study two adopts text analytics with a sample of 48,783 posts. The findings show Instagram users' declaration of DBL is expressed through photographs of some destination attributes (natural & architectural, people, public transportation, food, weather), accompanied by specific positive emotions (amazement, attractiveness, pleasure, preference, enchantment, nostalgia, belongingness, intimacy). The findings also illustrate how Instagram users express their love by providing emotional support when the destination goes through a crisis and that different stakeholders co-create the emotional capital of TDs.</p>

TITLE PAGE

#ILoveLondon: An exploration of the declaration of love towards a destination on Instagram

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IMPACT STATEMENT (150 words no spaces)

We contribute to the destination brand love literature by exploring how travellers declare their love towards a destination (attributes, emotions, hashtags) on Instagram

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1

2 Abstract

3 Travellers increasingly use a combination of photographs, texts and hashtags to expressing
4 their attitude towards tourism destinations (TDs). Existing destination branding literature has
5 not yet investigated how consumers **express** their love towards TDs on social media. **This**
6 **study addresses this knowledge gap and explores how destination brand love (DBL) is**
7 **expressed on Instagram using a mixed-methods approach. Study one consists of a qualitative**
8 **visual content analysis of 700 user-generated photographs; while study two adopts text**
9 **analytics with a sample of 48,783 posts. The findings show Instagram users' declaration of**
10 **DBL is expressed through photographs of some destination attributes (*natural &***
11 ***architectural, people, public transportation, food, weather*), accompanied by specific positive**
12 **emotions (*amazement, attractiveness, pleasure, preference, enchantment, nostalgia,***
13 ***belongingness, intimacy*). The findings also illustrate how Instagram users express their love**
14 **by providing emotional** support when the destination goes through a crisis and that different
15 stakeholders co-create the *emotional capital* of TDs.

16

17 **Keywords** – destination brand love; social media; Instagram; mixed-method; London;
18 declaration of love; content analysis; text analytics.

1. Introduction

Destination branding enables tourism marketers to create a unique and differential image of the destination by combining a place's environmental, social and cultural capital within the destination brand (Campelo et al., 2014). By showcasing the features and characteristics that make a destination distinctive and attractive (Blain, Levy, & Ritchie 2005), destination branding helps destination management organisations (DMOs) in marketing the destination's identity, not only to visitors but also to residents (Pike, 2005; Blain et al., 2005; Pike & Page, 2014).

Nevertheless, destination brand image is not created by DMOs alone. Social media users today contribute to the co-creation of destination image through posting stories and digital photographs narrating their experience with the destinations' offerings. Moreover, travellers increasingly communicate their feelings about destinations, accommodations, and restaurants through social media (Xiang & Gretzel, 2010; Lo et al., 2011; Mak, 2017).

Assisted by hashtags and geolocation services, social photography becomes increasingly popular, making destination brand image the inevitable product of consumers' social media conversations (Fournier & Avery, 2011; Oliveira & Panyik, 2015; Kladou & Mavraghi, 2015; Kim et al., 2017; Mak, 2017). Often the urge to share is intensified after satisfactory visits or encounters with destination stimuli and as a result of their DBL. DBL denotes the self-identification and passionate emotional attachment that one has toward a destination (Aro et al., 2018). Such digital photographs shared to express DBL are particularly influential, acting as positive word-of-mouth (Bergkvist & Bech-Larsen, 2010; Donaire, Camprubí, & Galí, 2014; Wallace, Buil, & de Chernatony, 2014; Filieri, 2015), and can easily influence actual and prospect tourists' attitudes towards a destination (Kim & Stepchenkova, 2015; Lund, Cohen, & Scarles, 2017).

1 However, how images are deployed to express social media users' feeling towards a
2 destination has only received scant research attention (Oliveira & Panyik, 2015; Kladou &
3 Mavragani, 2015; Aro et al., 2018). Instead, extant research has focused on: the potential use
4 of Instagram for destination branding purposes (Fatanti & Suyadnya, 2015), the socio-
5 demographics of travellers who post travel-related pictures (Lo et al., 2011), the similarities
6 and differences between visitors and residents' perceptions of a destination (Garrod, 2009),
7 the differences between projected and travellers' destination image (Stepchenkova & Zhan,
8 2013; Mak, 2017), the role of culture in destination image perception (Stepchenkova et al.,
9 2015), and the effect of travel photographs in forming attitude and destination visit intention
10 (Kim & Stepchenkova, 2015).

11 Some studies touched on travellers' relationship with tourism destinations, examining
12 the emotional bonds between people and places (Pan et al., 2014; Cheng & Kuo, 2015).
13 Scholars investigated travellers' love towards a destination (Swanson, 2015, 2017; Lee &
14 Hyun, 2016; Aro et al., 2018). Nevertheless, they paid little attention to how social media
15 users express their love towards a destination through image-sharing, and specifically on
16 Instagram, overlooking the point that a brand's reality often lies in the experience of its
17 consumers, through their passionate brand identification and engagement (Kohli et al., 2020).
18 This oversight might explain why many DMOs are struggling to differentiate their
19 destinations from competitors (Stepchenkova & Zhan, 2013; Aro et al., 2018), as they fail to
20 observe how consumers express or declare strong emotions towards a specific destination
21 using digital photographs.

22 Furthermore, very few studies have explored DBL in crisis situation, such as, when a
23 destination suffers a terrorist attack. Although crises are assumed to have negative effects on
24 a destination's reputation, attractiveness, perceived safety, and intention to travel (Sönmez,
25 Apostolopoulos, & Tarlow, 1999), tourists sometimes manifest forms of emotional solidarity

1 towards residents (Woosnam & Aleshinloye, 2013). By exploring the declaration of love
2 prior to and during a time of crisis, this study also contributes to research on tourists'
3 emotional solidarity during a crisis (Woosnam & Aleshinloye, 2013).

4 To address these research gaps, this paper asks the following research questions: how
5 do Instagram users express their love towards a destination brand in their posts? And more
6 specifically, which destination attributes, emotions, and hashtags are adopted in the
7 declaration of love towards a tourism destination? How do Instagram users declare their love
8 before, during and after a crisis?

9 We chose Instagram and London as the research setting. Instagram is the leading
10 image-sharing social media platform, with one billion monthly active users (Statista, 2020).
11 London is one of the most popular tourism destinations and ranks the highest on the global
12 power city index (ONS, 2020; UNWTO, 2019). Since we focus on exploring how DBL is
13 expressed, we chose to explore the user-generated posts published under the destination love
14 hashtag #iLoveLondon on Instagram, which hosts over 1 million posts (i.e. 1,277,359;
15 January 2021, Instagram). Adopting an abductive mode of reasoning, we adopted a mixed-
16 methods approach to gain a comprehensive understanding of the researched topic (Johnson &
17 Onwuegbuzie, 2004). Combing a visual content analysis of 700 Instagram photographs and a
18 text analysis of 48,783 posts' text and hashtags, this study extends the depth and breadth of
19 enquiry through method and data triangulation (Creswell & Miller, 2000; Torrance, 2012).

20 The study's findings can provide valuable insights to managers of destination
21 management organizations (DMOs) and help them identify the destination attributes and the
22 most appropriate hashtags used to express love towards a destination. As such, this paper
23 extends previous understandings of DBL, by specifically illustrating how love is expressed
24 through social image-sharing on Instagram and unravelling the emotional bond between
25 people and places (Cheng & Kuo, 2015).

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2. Literature Review

2.1 Destination Brand Love (DBL)

Destination image is commonly defined as *the sum of the beliefs, ideas, and impressions that a person has of a destination* (Crompton, 1979, p. 18). Baloglu and McCleary (1999, p. 870) defined image as *an individual's mental representation of knowledge (beliefs), feelings, and global impressions about a destination*. Destination image comprises an affective component, namely an individual's feelings towards a destination (Echtner & Ritchie, 1993). Baloglu and Brinberg (1997) reveal that the dimensions of the affective component of tourism destinations change across both *positive* (arousing, exciting, pleasant, and relaxing) and *negative feelings* (sleepy, gloomy, unpleasant, and distressing).

DBL is the highest manifestation of the affective component and refers to individuals' emotional bond with a certain place (Aro et al., 2018). Forming a working definition of 'love' is a challenging task. The Oxford English Dictionary defines love as an intense feeling of deep affection or a great interest and pleasure in something. Love is a psychological process that can happen towards trademarks, people, ideas, activities, objects and places (Carroll & Ahuvia, 2006; Aro et al., 2018). BL is defined as consumer's affective attachment towards certain brands or non-human objects (Carroll & Ahuvia, 2006). BL reflects *the degree of passionate emotional attachment a satisfied consumer has for a particular trade name* (Carroll and Ahuvia, 2006, p.81) and *can be formed and become apparent in different ways for different persons but which typically includes identification with a brand to some degree* (Aro et al., 2018, p. 73). **Carroll and Ahuvia suggest that many** consumers do have intense emotional attachment towards some "love objects," and that there are fundamental similarities between interpersonal love and love in consumer contexts, which assumption is

1 also supported by research (Whang, Sahourym & Zhang, 2004; Thomson, MacInnis & Park,
2 2005; Carroll & Ahuvia, 2006).

3 Compared to the growing research attention in marketing on consumer BL (Batra,
4 Ahuvia, & Bagozzi, 2012; Roy, Eshghi, & Sarkar, 2013; Kaufmann, Loureiro, & Manarioti,
5 2016), research on place or DBL is still scarce in the context of tourism (Aro et al., 2018).
6 Scholars have attempted to define DBL; according to Aro et al. (2018) DBL involves
7 satisfied tourists' self-identification and emotional attachment toward a destination. Other
8 scholars view DBL as a multi-dimensional construct including passionate love, emotional
9 attachment, and self-brand integration (Tsai, 2014; Lee and Hyunm, 2016). Swanson (2017)
10 identified three different types of destination BL towards different destinations, based on
11 Plato's symposium: *philia*, which is closer to feelings of friendship, wherein respect and
12 reciprocity are expected; *storge*, which refers to natural affection between family members,
13 showing resilience against negatives; and *eros*, which refers to a more passionate form of
14 love and indicates intimacy, expressing the sense of awe (Swanson, 2017).

15 Furthermore, only a few studies have been published on place and destination BL (i.e.
16 Swanson, 2015, 2017; Lee & Hyun, 2016; Aro et al., 2018). Swanson (2015) outlined the
17 theoretical context for the study of BL in the context of places and affirmed that tourists can
18 develop BL towards specific destinations. Lee and Hyuan (2016) conducted a quantitative
19 study based on a survey with 417 Korean tourists in Japan using structural equation
20 modelling to investigate the relationships between destination ability, tourists' destination BL
21 and their loyalty in the particular context of post-Nuclear disaster. Aro et al. (2018) carried
22 out a qualitative case study in the Finnish region of Lapland and discussed the antecedents
23 and consequences of destination BL. The *antecedents* included brand experience dimensions
24 (i.e. satisfaction, interaction frequency, length of relationship, etc.), tourist dependent
25 antecedents (tourist self-identification) and place dependent antecedents (i.e. uniqueness, self-

1 expressiveness, etc.). Consequences of BL were divided into *emotional* and *behavioural*, the
2 former included attitudinal loyalty, interest in wellbeing of the brand, resistance to negative
3 experiences, longing and memories, anticipated separation distress, positive attitude, whilst
4 *behavioural consequences* included word of mouth, declaration of love, willingness to invest,
5 price insensitivity, and destination loyalty (Thomson et al., 2005; Carroll & Ahuvia, 2006;
6 Kaufmann et al., 2016; Aro et al., 2018). Interestingly Aro et al. (2018) also found that not all
7 Finnish participants find it easy to declare love towards a destination, although their
8 relationships with the destination demonstrated many elements of BL. This finding may be
9 explained by the fact that some people struggle to see places as love objects, or because there
10 is a potential cultural difference in the use of the word love in the Finnish *versus* the English
11 language. Although not focused on DBL, other studies established that brand love influences
12 directly and indirectly brand loyalty in the context of wine products (Drennan et al., 2015)
13 and switching resistance loyalty in the hotel brand context (Tsai, 2014).

14 Nevertheless, extant research did not go in-depth to discuss how destination BL is
15 declared or expressed on social media through user-generated digital photographs, hashtags,
16 or emotions. In the next paragraphs, we will explain the relevance of and current research on
17 user-generated photographs on social media.

18

19 *2.2 Instagram and the rise of user-generated travel photos*

20 Various social media platforms may offer similar functionalities (e.g. networking,
21 content sharing, photo sharing), however their usage vary based on the nature of the medium.
22 For example, Facebook, the first social network, is mainly based on connecting and keeping
23 relationships between friends and acquaintances; Twitter is a microblogging platform where
24 users interact with short text messages known as tweets; YouTube is a video-sharing platform

1 where users can post and comment on videos; Instagram focuses on users' sharing of digital
2 photographs.

3 While Flickr, the earliest photo-sharing social media platform, emphasises on offering
4 a library of photos of professional quality, Instagram focuses on the connection of people
5 with the same interest in photo sharing, especially via hashtags (Guo et al., 2017). Instagram
6 enables its users to connect and interact with the photographic content shared by its users
7 through shares, likes and comments. Furthermore, Instagram provides users with a variety of
8 functions, such as photo sharing, editing, localization, captions, tags and comments
9 (Weilenmann, Hillman, & Jungselius, 2013).

10 One way Instagram users share images with the selected audience is via hashtags.

11 Hashtags are used in social media posts to reach a larger audience who is interested in the
12 theme of the photo. A hashtag includes a hyperlinked keyword that indicates the topic of the
13 post and, when clicked, links to a public listing of all Instagram posts on the same subject.

14 The use of a specific hashtag (e.g. brand or independent) indicates a high degree of
15 engagement of the user, probably higher than the behavioural dimensions of engagement (i.e.
16 liking, sharing and commenting) (Hollebeek et al., 2014). Hashtags on a specific topic (i.e.
17 tourism destination) are added by users while sharing pictures on the platform and they are
18 purposive in reaching larger audiences. Hashtags give users the opportunity to search and
19 browse photographic topics of interests posted by other users with similar interests on

20 Instagram. By following hashtags, Instagram users can get notifications of the photos posted
21 by other users who share the same interest and use the same hashtag, forming virtual
22 communities, similar to brand communities (Muniz & O'Guinn, 2001; Cova & Pace, 2006).

23 For example, they can choose between general travel hashtags such as #travel or hashtags
24 related to a destination or place (i.e. #hiddenscotland, #London). Most of these hashtags have
25 been created by users while others are managed by DMO such as #visittrentino.

1 Instagram is the fastest growing social media mobile application and counts more than
2 one billion monthly active users (Statista, 2020), up from 600 million in 2016 (Sheldon &
3 Bryant, 2016). Gibbs et al. (2014) showed that Instagram has become an empowering self-
4 presentation medium, especially among Millennials and Generation Z. Having a performative
5 nature (Schöps et al., 2020), Instagram users utilise digital photographs to become popular
6 (Chatzopoulou, Filieri, & Dogruyol, 2020) or to express their personalities, lifestyles and
7 taste, under five primary social and psychological motives, including social interaction,
8 archiving, self-expression, escapism, and peaking (Lee et al., 2015). It reflects a visual
9 culture wherein images are central to how meaning is created and communicated in the world
10 (Johnson et al., 2019).

11 Scholars explain the strong, almost inseparable, connection between leisure travel and
12 photography (Markwell, 1997; Garrod, 2009; Lo et al., 2011). An increasing number of
13 travellers capture their travel experience through photography and share them with others on
14 various social media platforms (Haldrup & Larsen, 2003; Lo et al., 2011). Accordingly,
15 Sheldon & Bryant (2016) investigated college students' Instagram usage behaviour and found
16 that consumers are more likely to use Instagram for documentation when they travel.

17 User-generated photographs of a destination are particularly important for DMOs, as
18 they can easily influence previous and potential tourists' preconceived attitudes towards a
19 destination (Kim & Stepchenkova, 2015). According to Urry (1990, p. 140) *photographic*
20 *images organize our anticipation or daydreaming about the places we might gaze on*. Visual
21 images are excellent for inducing imagination (Ye & Tussyadiah, 2011) and the use of
22 images therefore enables tourists' evaluations of a destination by narrowing the set of
23 attributes being considered regarding each destination (MacInnis & Price, 1987). As such, it
24 is important to understand and study destination photographs because they *communicate*

1 *images that shape and reshape tourists' destination perceptions* (Kim & Stepchenkova, 2015,
2 p. 29).

3 Social photography is a type of user-generated content (i.e. eWOM) (Filieri, 2016)
4 and it is based on the interactions among individuals who take, post, and comment photos on
5 social media. In social photography, people who post photos are aware of the fact that their
6 photos may be viewed by either their small networks, such as friends and family, or by a
7 broader range of online audiences (Weilenmann et al., 2013). With the popularisation of
8 smartphones having cameras, social photography becomes easily accessible to many people
9 and allows them to capture ordinary, yet creative, self-represented moments in their everyday
10 life (Weilenmann et al., 2013; Gibbs et al., 2014). The convenience of internet access and the
11 'always-on' nature of smartphones facilitate individuals' social interactions, offering
12 travellers greater possibilities and opportunities to share their personal experiences of
13 destinations through images, giving them more power to define what the destination looks
14 like from their own point of view (Fournier & Avery, 2011).

15

16 2.3 Travel photography research

17 Scholars have used travel pictures to study tourists' perception of destination image
18 (e.g. Lo et al., 2011; Mak, 2017). For instance, Garrod (2008) compared the photos of visitors
19 and residents of Aberystwyth in Wales, and found no major difference in the perception of
20 destination image. In a subsequent study, the author's findings revealed that while tourists'
21 photographs are more *social* as they often portray travellers (i.e. family), professional
22 photographs tend to focus on spectacular views of Aberystwyth (Garrod, 2009). Lo et al.
23 (2011) studied the socio-demographic profile of individuals who post travel photographs
24 online. Stepchenkova & Zhan (2013) used 530 DMOs' photos and 500 Flickr photos and

1 compared the image conveyed by Peru's DMOs and by Flickr users and found that in both
2 samples the three most frequent attributes of the Peruvian image were Nature & Landscape,
3 People, and Archaeological Sites; however, while travellers were more interested in the
4 Peruvian way of life, the projected image highlighted the distinctive Peruvian culture,
5 traditions, and art. Pan, Lee, & Tsai (2014) adopted 145 photos and captions published in the
6 travel section of The New York Times to analyse the relationships between image
7 dimensions and affective feelings and reveal that mountains, water bodies, and flora and
8 fauna have a prominent role in fostering affection towards a place. Stepchenkova et al.
9 (2015)'s exploratory study focused on the cultural differences in American and Korean's
10 perception of a tourism destination (i.e. Russia) with differences in a number of dimensions
11 (i.e. people, place, space, activities, transport & infrastructure, architecture, and state power).
12 Kim and Stepchenkova (2015) analysed the effect of explicit and latent tourist photographs of
13 Russia taken by American and Korean tourists and posted on Flickr and travel blogs on their
14 attitude and desire to visit Russia. Fatanti and Suyadnya (2015) described how Instagram can
15 be used to brand a tourism destination like Indonesia. Nixon, Popova, & Onder (2017) argued
16 that images to promote a destination on Instagram can influence travellers' perceived
17 destination image. Mak (2017) studied the perceived and projected digital destination image
18 of Eastern Taiwan manifested in user-generated content and national tourism-generated
19 content (textual and visual contents) to identify the potential differences. Nikjoo & Bakhshi
20 (2019) studied how human presence is configured in travel photos using a sample of 812
21 photos shared on Facebook from 186 tourists who travelled to Iran in 2015.

22 As it is evident from the review of this literature no study has analysed the declaration
23 of love through photography on social media. Below we discuss the main argument and
24 research questions of the study.

1

2 *2.4 Declaration of Love*

3 The declaration of love is often discussed as a consequence of BL (e.g. Fournier,
4 1998; Aro et al., 2018), reflecting the element of positive word-of-mouth (Bergkvist & Bech-
5 Larsen, 2010; Wallace, Buil, & de Chernatony, 2014). Consumers who love certain brands
6 see these brands as reflections of their personality, thus they manifest their love towards such
7 brands, and at the same time they express their own consumer identity (Albert, Merunka, &
8 Valette-Florence, 2008; Carroll & Ahuvia, 2006; Batra et al., 2012; Aro et al., 2018). For
9 example, by declaring one's love towards a certain destination, an individual is constructing
10 his/her extended self through self-reflection, presentation, confession, which helps people
11 feel better and get closer to their ideal self (Belk, 2014). For instance, Aro et al. (2018) show
12 that consumers in love with Lapland tend to share and post their own photographs on social
13 media about the stories, restaurants and activities in Lapland because sharing their love about
14 the destination help **them construct their identity narrative**. Thus, using a hashtag to publicly
15 express the love towards a place or destination constitutes BL and more specifically a
16 declaration of love.

17 Aro et al. (2018) also mentioned the emotional consequences of destination BL, such
18 as attitudinal loyalty, care, resilience to negativity, longing, and memories, are likely to be
19 expressed as a consequence of destination BL. Emotions encompass drives, feelings, and
20 instincts; emotions are fundamental in leisure tourism because tourism is a pleasure-seeking
21 activity (Gnoth, 1997). According to Ekman (1992), emotions are generated by a specific
22 stimulus or by the recalled or imagined representation of a stimulus. Expressing emotions is
23 therefore regarded as a way in which consumers respond to outside stimuli as they are
24 processed by the brain (Damásio, 2003). Nevertheless, little research has examined the

1 emotions associated with the tourism destination in general (Pan et al., 2014; Hosany et al.,
2 2015) or destination love in online settings, in particular.

3 Consumers who have a strong emotional attachment, such as the love towards a
4 brand, are more likely to actively engage and write positive comments about it (Wallace et
5 al., 2014; Loureiro et al., 2017). With the fast spreading of social media, travellers nowadays
6 can easily express their attitude towards brands and places by using ‘likes’, ‘dislikes’, or even
7 ‘love’ signals on various social media platforms. However, no study has investigated the key
8 attributes and characteristics of the love towards a destination that are being captured in the
9 digital photographs shared on social media when expressing DBL.

10 Considering consumers’ DBL is likely to include a mixed set of complex emotions,
11 including friendship-like feeling, family-like ties and passionate love (Swanson, 2017),
12 research attention is therefore required to unravel how and which emotions are elicited in
13 travellers’ expression of love towards a destination through photographs. Furthermore, whilst
14 existing literature affirms the influential role of pictures on destination image formation (e.g.
15 Miller & Stoica, 2004; Kim & Stepchenkova, 2015; Fatanti & Suyadnya, 2015), little
16 research has been conducted on how consumers declare their love towards a destination
17 brand on Instagram, through a combination of digital photographs, textual comments, and
18 hashtags. We adopt user-generated pictures because they are considered *the lenses through*
19 *which visitors’ affective feelings and images for a destination can be studied and identified*
20 (Pan, Lee, & Tsai, 2014, p. 59).

21 To address these research gaps, this paper explores how Instagram users express their
22 DBL towards London, focusing on identifying how the specific destination attributes are
23 being portrayed, the hashtags used, and the various emotions elicited in their love expression.
24 Other important unanswered research questions are the following: What are the emotions and

1 feelings associated to DBL? How are hashtags used in the expression and sharing of DBL?
2 How do Instagram users declare their love before, during and after a crisis? Addressing these
3 specific research questions would help advance the theory of destination BL and to reveal the
4 points of differentiation that distinguish one destination from another in the mind of the
5 consumers.

6

7 **3. Research Methods**

8 *3.1. Research context, data collection and sampling*

9 As explained in the introduction, London was chosen as the research context because it is one
10 of the world's most visited tourism destinations (ONS, 2020; UNWTO, 2019) and has more
11 than one millions of user-generated posts declaring feelings of love towards London on
12 Instagram. Taking on a consumer-centric approach to branding (Kohli et al., 2020), we took
13 the stance to accept that when Instagram users post under relevant destination love hashtags
14 such as #iLoveLondon, they are expressing and declaring DBL towards London in their own
15 rights. We respect their self-declaration and accept the performative nature of hashtags
16 (Schöps et al., 2020; Chatzopoulou, Filieri, & Dogruyol, 2020), as the research focuses on
17 exploring how DBL is communicated, expressed and declared on Instagram, rather than
18 challenging or judging whether their self-declared feeling of DBL is genuine. DBL focuses
19 on users' self-identification and emotional attachment towards a destination (Aro et al., 2018)
20 and accepts that there are different type of emotional attachment, from feeling of friendship,
21 affection between family members to a more intensive and passionate love (Swanson, 2017).
22 The #iLoveLondon satisfies both the self-identification with a destination (London) and the
23 performative declaration of user's emotional attachment towards the specific destination
24 (LoveLondon) (Schöps et al., 2020).

1 #iLoveLondon has one of the highest number of posts, compared against other similar
 2 London love hashtags, such as #londonlove (622,966 posts) #ilovelondon♥ (19,153 posts),
 3 #lovelondonweekend (6,377 posts), and so on. There are 1,277,359 posts (Instagram, January
 4 2021) on Instagram within the #iLoveLondon, which provides the ideal context to explore
 5 how people express their DBL using visual images. Using the social media tracker provided
 6 by Picodash, all #iLoveLondon posts were downloaded for the period May – July 2017.
 7 Picodash shows the date and time, number of likes, comments, account usernames and a URL
 8 link for each Instagram post (see screenshot in Appendix 1).

9 All the posts consisted of three elements: digital photographs, textual captions and
 10 hashtags. Whilst all three elements provide us vital information to understand how people
 11 express their DBL, two separate studies were conducted to analyse the data. We used
 12 different research methods in order to validate the findings through data triangulation
 13 (Johnson & Onwuegbuzie, 2004; Denzin, 2010). Triangulation is purposive in reducing bias
 14 resulting from a single method by validating the interpretation of data and the resulting
 15 findings using multiple and different sources of information (Creswell & Miller, 2000).
 16 Furthermore, this mixed-methods approach affords us a comprehensive account of the
 17 phenomenon under investigation (Torrance, 2012) and helps to get a more valid and nuanced
 18 understanding of the investigated phenomenon (Denzin, 2010). Table 1 below describes how
 19 these two studies complement each other in achieving our specific research objectives.

21 **Table 1.** Research methods adopted in the two studies.

	Study One	Study Two
<i>Approach</i>	Visual content analysis	Text analytics
<i>Focus</i>	Manifest and latent meanings derived from the posted photos	Latent meaning derived from textual captions and hashtags

<i>Sample Period</i>	31 st May to 6 th June, 2017	May 1 st to June 30 th , 2017
<i>Sample size</i>	700 posts	48,783 posts

1

2 3.2 Study One

3 To understand how destination love is expressed in user-generated photographs, study
4 one focused on analysing the manifest and latent meanings of the posted pictures, using
5 visual content analysis, the approach followed in other tourism studies (e.g. Kim and
6 Stepchenkova, 2015; Mak, 2017). We discussed the description of the photography content,
7 how the content is expressed, with our interpretation from the lens of DBL (Johnson et al.,
8 2019; Raaphorst et al., 2020). This helped identify key destination attributes (including
9 features and characteristics), and relevant emotions that are expressed to assist people's
10 declaration of DBL towards London.

11 We employed a systematic random sampling approach by randomly selecting 100
12 posts each day, for the week of 31st May – 6th June, 2017, leading to a total of 700 user-
13 generated posts. This specific week was chosen because the city of London suffered a
14 terrorist attack on June 3rd. Observing the posts in this particular week would help identify all
15 possible themes and codes, linked to the declaration of love prior to and during a time of
16 crisis. Whilst previous research has not observed DBL in crisis situation, this is believed to
17 add new insights to the understanding of DBL. During data checking and cleaning phase, we
18 noticed that some pictures were not available anymore on Instagram (N = 15), while others
19 were irrelevant for the analysis because they showed different destinations' attractions or
20 were simply social marketing posts that used the destination hashtag to promote their
21 products or brands (N = 18). These posts were replaced with other randomly selected posts
22 from the same week. Before analysis, all user names were anonymised to protect the
23 Instagram users' identity (Mak, 2017).

1 To create a reliable coding frame, the team of researchers started a manual coding
2 process, looking at 50 posts each to identify key features and emotions. The posts' captions
3 and hashtags were used as supportive clues to assist the manual coding of the digital
4 photographs, as this is how other Instagram users would have seen and reviewed these posts.
5 Then the research team met to match and discuss the codes. Some differences were spotted
6 and discussed, leading to two agreed coding frames, where thematic codes emerged (Nowell,
7 Norris, White, & Moules, 2017). One focuses on the manifested features and characteristics
8 depicted in the digital photographs, including architectures, building, people, weather and
9 transportation. Another focuses on the expressed emotions, which require the research team's
10 interpretation of both manifested and latent meanings derived in the digital photographs.

11 Following the two agreed coding frames, one author completed the manual coding of
12 the 700 posts to ensure consistency. It is important to note that user-generated photos, often,
13 foster the expression of complex feelings and emotions. For instance, sometimes a single
14 photograph revealed expressions of amazement, pleasure, and attractiveness. Furthermore,
15 some photos included several manifested features, such as the sunset, a landmark (e.g. Big
16 Ben), and an iconic public transport (e.g. red double-decker bus). We did not restrict the
17 number of codes associated with each post.

18 While the research team interpreted and coded the data from the theoretical lens of
19 DBL, we felt it was important to validate our analysis. As such, we asked three independent
20 marketing and tourism academics to each code a sample of pictures (N= 100), using our two
21 sampling frames. They identified the same features and characteristics depicted in the
22 pictures (total 96% of agreement), approving the validity of first coding frame that focused
23 on destination attributes, including features and characteristics (Table 2). Regarding the
24 interpretation of emotions, they also identified similar emotions in most of the cases. There
25 was some disagreement regarding the interpretation of intimacy and nostalgia, but the overall

1 percentage of agreement was around 80%, above the recommended threshold of 70% (Lu &
2 Stepchenkova, 2012).

3

4 3.3 Study Two

5 Whilst study one focuses on exploring also the non-codified meanings present in
6 photographs, study two mainly focuses on codified meanings expressed via textual
7 comments, captions and hashtags in digital photographs. Hence, study two attempts to extend
8 and validate the existing findings through data triangulation (Creswell & Miller, 2000;
9 Denzin, 2010) and pays attention to the frequency of these pieces of text present in the posts,
10 in order to present a complementary, quantitative perspective of the phenomenon. Using user-
11 generated content to analyse consumer perceptions (and satisfaction) is an established
12 practice in travel research (Xu & Li, 2016; Cheng & Jin, 2019; Zhu et al., 2019; Filieri,
13 Galati, & Raguseo, 2020). In our case, it can help shed light on identifying the most recurring
14 hashtags, emotions, and destination attributes that are commonly used in the declaration of
15 DBL toward London from a larger and more generalizable sample.

16 Using Picodash again, all posts published on Instagram under the #iLoveLondon
17 within May and June 2017 were downloaded, leading to a total number of 48,783 posts. The
18 textual data were converted into a word document, accounting for 4,082,322 words and
19 18,562 pages. The data were subsequently converted into a PDF document to be analysed
20 using Leximancer, which is a particularly suitable text analytics software for exploratory
21 purpose (Davies et al. 1994; Sotiriadou, Brouwers & Le, 2014), with increasing popularity in
22 tourism research (i.e. Sun, Zhang, & Ryan, 2015; Cheng & Edwards, 2019; Li & Ryan,
23 2020). The software uses various algorithms that adopt nonlinear dynamics and machine
24 learning for data analysis (Smith & Humphreys, 2006). Leximancer combines natural
25 language processing and text-mining, allowing us to analyze, visualize and interpret the

1 content of the textual documents collected (Smith & Humphreys, 2006). Leximancer is based
2 on Bayesian statistical theory, where fragmented pieces of evidence can be used to predict
3 what is happening in a system (Smith & Humphreys, 2006) and is believed to generate a
4 more objective and text-driven review of large datasets with reproducible and reliable
5 concept extractions and thematic clustering (Smith & Humphreys, 2006; Angus, Rintel, &
6 Wiles, 2013; Randhawa, Wilden, & Hohberger, 2016; Edwards, Cheng, Wong, Zhang, &
7 Wu, 2017).

8 Before converting the file for data analysis with Leximancer, we removed frequent
9 irrelevant words such as ilovelondon, londonlove, Great Britain, England, and UK.
10 Subsequently, we separated hashtags, feelings, and destination attributes to provide a more
11 systematic analysis of the declaration of love. Some words were further excluded because
12 they were not relevant for the analysis, such as: World, Europe, much, take, official, show,
13 many, featured, around, shooters, know, walk, another, Londres, que, De, and la. Finally, we
14 manually connected words linking to attributes that were separated in the Leximancer output
15 but that, *de facto*, belonged to the same destination attribute (e.g. Hyde and Park, Regent and
16 Street). The results helped us to identify the most frequently mentioned words in terms of
17 count and weighted percentage as well as to compare the similarities and differences with
18 study one's findings.

19

20 **4. Research Findings**

21 Considering this paper focuses on exploring how destination BL is expressed through: *a)* key
22 destination attributes and characteristics, *b)* emotions and feelings *c)* hashtags; the findings
23 section will be presented discussing the findings derived from study one and from study two.

1 *4.1 Key destination attributes of London Love declaration - Study One*

2 The findings of study one show that there are six themes, referring to key destination
3 attributes that are employed by people in their declaration of love on Instagram. As shown in
4 Table 2 below, amongst the six themes, *Architectural and Natural attractions* appeared most
5 frequently (59%), followed by *People and Celebrations* (12%), *Weather* (10%), *Public*
6 *transport* (9%), *Food* (4%) and others (6%).

7

8 **Table 1.** Manual Thematic analysis. Main themes, sub-themes and frequency in the
9 declaration of Love (31 May - 06 June2017)

10

Main Theme	Sub-themes	Frequency	%	Sub-total %
Architectural and Natural Attributes	Flowers	122	7.39	59
	Houses/Buildings	112	6.78	
	Big Ben	100	6.06	
	Westminster	94	5.69	
	River Thames	80	4.84	
	Tower Bridge	80	4.84	
	Chelsea	60	3.63	
	St. Paul's Cathedral	60	3.63	
	Skyscraper views	58	3.51	
	Neal's Yard	30	1.81	
	London Eye	28	1.69	
	Red Telephone Box	26	1.57	
	Borough Market	24	1.45	
	Street Art/Graffiti	24	1.45	
	West End	24	1.45	
	Camden Town	22	1.33	
	Public Parks & Green Areas	22	1.33	
Greenwich Observatory	22	1.33		
People and Celebration	People	56	3.39	12
	Celebrating Family	52	3.15	
	Celebrating Friendship	46	2.78	
	Celebrating Weekend	26	1.57	
Weather	Sunset	70	4.24	10
	Rain	36	2.18	
	Sunshine	34	2.06	
	Sunrise	26	1.57	
Public Transport	Double-Decker Red Bus	66	4	9
	Black Cab	62	3.75	
	London Tube	28	1.69	
Food	Breakfast & Desserts	36	2.18	4
	Main Course	26	1.57	
Others	Vintage Cars	46	2.78	6
	Fashion	28	1.69	
	Union Jack Flag	24	1.45	
Total		1.650	100%	100%

1

2

3 4.1.1 Architectural and Natural attributes

4 Interestingly, amongst London's attributes, architectural and natural attractions are
5 harmoniously intertwined and create a unique theme. Accordingly, flowers are the most
6 frequently quoted code (7%), followed by houses (6.7%), which very often come together in

1 the same picture. It is somehow surprising how houses and flowers are adopted, more
 2 frequently than iconic landmarks like the Big Ben, in the declaration of love towards the
 3 London destination.

4 London’s house aesthetics please consumers’ senses and minds; Chelsea and Notting
 5 Hill’s houses and flowers raise emotions more than other neighbourhoods. Typical features of
 6 houses in these neighbourhoods are colourful facades, period decorations and front doors,
 7 often surrounded by plants and flowers. The pastel colours, and resulting aesthetically-
 8 pleasing façade of London houses trigger Instagram users’ affective response to the
 9 destination.

10

	
<p>ID: 100. Sub-Themes: Flowers, Pink Roses, Pink Building, Cake shop</p>	<p>ID: 89. Sub-Themes: Flowers, Wisteria, House, Front yard, façade, garden</p>

11

12 Under destination architectural attractions, it is not surprising to see that cultural
 13 landmarks, such as Big Ben, Westminster, Tower Bridge, Saint Paul’s Cathedral are often
 14 used to aid Instagram users’ declaration of love towards London, again together a natural
 15 attraction (the River Thames). However, it is surprising to note how views of the British
 16 capital from skyscrapers (i.e. The Shard) as well as the iconic telephone box, and street
 17 art/graffiti are key attributes of the love declaration.

1 *I just love these houses in London with flowers in the frontyard! ! [ID 89]*

2 *Pretty colourful streets, London, England, UK. ❤️👉👉👉👉👉 [ID 119]*

3

4 *4.1.2 People and celebrations*

5 Table 2 shows that the declaration of London love is often accompanied by the
6 celebration of relationships with significant others, including family and friends. Consumers
7 portray London as a loved destination, where to celebrate special family and friends' events.
8 In particular, friendship is celebrated by posting group selfies and tagging friends in the post.
9 For instance, many Instagram users tag their friends in their posts: *Surrounded by love*
10 *#mightyhoopla @brynchristophermusic @lababbette @djmessyxjessy @rae_forbes*
11 *#loveconquersall #iLoveLondon.*

12 Weekends are also celebrated as special occasions to escape from everyday life and
13 mundane routine during the week (Larsen, 2008). Tourism and everyday life are often
14 conceptualized as belonging to different ontological worlds, while weekends resemble the
15 world of the extraordinary and escape, weekdays represent the ordinary routine that is often
16 associated with work and everyday life (Larsen, 2008). As such, hedonic celebration of
17 weekends and the escape from busy workdays or the 'ennui' of normal life (Caruana &
18 Crane, 2011) are captured through weekend recreational activities, from walking leisurely
19 alongside the river bank, meeting up with friends in the park, to luxury shopping at high-end
20 department stores.

21

	
<p>ID: 107. Sub-themes: Celebrating friendship, public park, bench, view.</p>	<p>ID: 227. Sub-themes: Celebrating friendship, family, London docks, riverfront, river Thames, weekend,</p>

1

2 *4.1.3 Iconic Public Transport*

3 London's iconic public transportation such as the double-decker bus, the black cabs,
4 and the London Metro very often trigger the love declaration towards the destination. The
5 iconic and unique design, i.e. the Britishness of public transportation, stimulate people's
6 emotional reactions just like iconic attractions (the Big Ben and Tower Bridge):

7 *Lose my way in London on these amazing double-decker buses..... I really love It! [ID*
8 *10]*

9



ID: 10. Sub-themes: double-decker red bus, black cab, street traffic, street view, buildings.



ID: 88. Sub-themes: double-decker red bus, black cab, street view, traffic, cross-road.

1

2 *4.1.4 Weather*

3 British weather is known to be cold and rainy throughout the year and different from

4 many other areas in Europe and the rest of the world. Limb and Spellman (2001) reported

5 that British domestic tourists regard rain as a natural risk, and not necessarily a major

6 negative experience. It is important to point out that weather is not a distinct and isolated

7 factor, but rather it is embedded in the **travellers' experience and it is not necessarily**

8 **perceived negatively** when the weather is bad (i.e. rainy and cloudy). Nevertheless, the

9 unpredictable and changing weather is regarded as a distinctive attribute of Britain, as it

10 provides residents and visitors a good conversation starter and sources for various British

11 humour established on irony and sarcasm, **also evident in the posts of Instagram users.**

12 Interestingly, the pictures on Instagram show that the British weather is something that elicit

13 mixed emotions (positive and negative) and that immerge the traveller in the destination


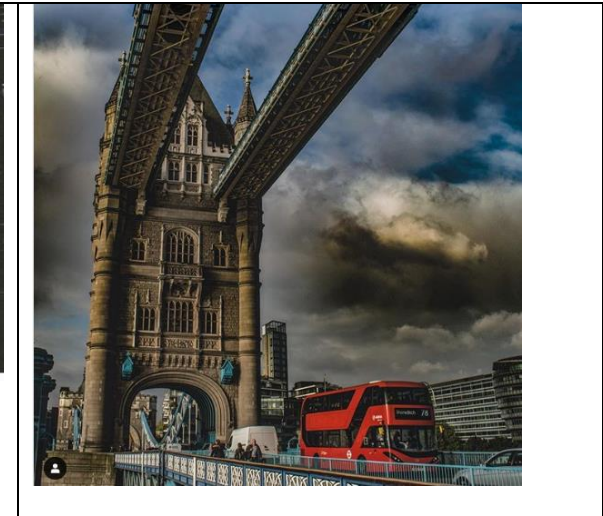
14 context.

1 *Tuesday morning and it looks like summer is over! Gotta love the British weather ☺*

2 *[ID 689]*

3

4

	
ID: 76. Sub-themes: rain, umbrella, wet street, view, Tower Bridge, shops.	ID: 689. Sub-themes: sky, Tower Bridge, double-decker red bus, bridge, traffic.

5


6 *4.1.5 Food*

7 Hospitality and tourism often go hand in hand, complementing each other
8 prosperously. Research shows that local food is increasingly an important ingredient of the
9 sustainable and authentic tourism experience that travellers seek (Quan & Wang, 2004; Sims,
10 2009). This explains why local food, especially high quality food and dishes, is a key
11 attribute of the expression of love towards **a destination, and specifically** London. Instagram
12 users frequently post pictures of well-presented traditional British dishes and English
13 breakfast; but also revisited, modern English breakfast variants such as in post 5 and post
14 605.

15 *Good morning world! My wonderful English breakfast is chilling and city is waiting*
16 *for me. Have a nice day friends [ID 605]*

1

So happy to see my local food market Borough Market back open today ☺ [ID 120]

	
<p>ID: 5. Sub-themes: breakfast, eggs, revisited English breakfast, rocket salad, beetroot puree, juice, glasses</p>	<p>ID: 605 Sub-themes: English breakfast, eggs Benedict, croissants, muffins, jam, orange juice</p>

2

3 4.2 Key destination attributes - Study 2

4

5 Study two adopts text analytics and a dataset of 48,783 posts and the findings of the

6 analysis partially confirm the findings of study one. Compared to study one, we can see

7 similarities and differences in terms of the destination themes that are used in the declaration

8 of love. For example, some of the destination themes that were relevant in the previous

9 analysis (i.e. food, iconic public transport, weather, and celebrations) did not emerge back in

10 study two.

11 Table 3 below shows that there are some differences also in the destination attributes

12 that are most frequently used in the declaration of love; these attributes were: Hyde Park,

13 London Bridge, Regent Street, Borough Market, Tower Bridge, Notting Hill, Big Ben, and

14 Covent Garden. Furthermore, houses were less frequently adopted in the love declaration in

15 study two; while Hyde Park, Covent Garden, Tate Gallery, Kensington Gardens, Royal

1 Palace, Shoreditch were not used in the love declaration in study one. Finally, some attributes
2 show their relevance in both studies (i.e. London Bridge, Saint Paul’s Cathedral, Chelsea,
3 River Thames, Big Ben, Camden Town, Westminster, view from the skyscrapers, i.e. The
4 Shard).

5 We tried to provide an explanation for these findings: although many pictures in study
6 two still show flowers, public transport, food, weather conditions, or people celebrating
7 friendship, these attributes are rarely codified in the post captions (or in the comments of
8 other users). Thus, we can speculate that the quantitative analysis only reveals the tip of the
9 iceberg, i.e. the codified meanings of Instagram posts, and gives more relevance to these
10 elements in the picture (i.e. caption), which often corresponds with the location or the key
11 attraction (i.e. Tower Bridge), while the non-codified elements are not detectable through text
12 analytics.

13 Another explanation is that the word ‘Chelsea’, although mainly associated to pictures
14 of houses, counts more times than the word ‘house’ in the textual quantitative analysis
15 because the geo-location information is present in almost all posts, consequently they appear
16 more frequently in the data corpus compared to other captions (i.e. flowers, types of flowers,
17 house front yard and the like). Although these themes were not often used in textual captions,
18 they emerged in the qualitative analysis of study one. Hence, these findings enable to value
19 the complementarity of qualitative and quantitative methods in the analysis of social media
20 user-generated content, and specifically of Instagram posts.

21 **Table 3.** Quantitative analysis with Leximancer. Content that triggers the declaration of Love
22 (May – June 2017)

Main Theme	Sub-Themes	Frequency	Weighted Percentage
<i>Architectural & Natural Attributes</i>	Hyde Park	3582	0.2
	London Bridge	3394	0.19
	Regent Street	3180	0.18
	Borough Market	2517	0.14
	Tower Bridge	2289	0.13
	Notting Hill	2327	0.13
	Big Ben	2266	0.13
	Covent Garden	2049	0.12
	Camden Town	1039	0.06
	St. Paul Cathedral	1898	0.1
	Royal Palace	1757	0.1
	Shard View	1739	0.1
	Kensington Gardens	1590	0.08
<i>Public Transportation</i>	Victoria Station	1549	0.08
<i>People</i>	People	1169	0.07
<i>Architectural & Natural Attributes</i>	Tate Gallery	1350	0.07
	Square	1128	0.06
	Westminster	1078	0.06
	Chelsea	1061	0.06
	House	1056	0.06
	Palace	984	0.06
	Road	964	0.05
	Museum	945	0.05
	Cross	766	0.04
	Thames	570	0.03
	Shoreditch	568	0.03

1

1 4.3 Relevant emotions of London Love

2 4.3.1 Study One

3 Using a manual coding frame and guided by the theoretical lens of destination BL

4 (Pan et al., 2014; Kaufmann et al., 2016; Aro et al., 2018), the results of study one revealed
 5 twelve emotional themes that were related to Instagram users’ expression of love towards
 6 London. These included feelings of *amazement, attractiveness, pleasure,*
 7 *preference/favouritism, enchantment, nostalgia, belongingness, and intimacy* whereas those
 8 that emerged after the London’s terrorist attack included: *unity, sadness, sympathy, and*
 9 *concern*. In the following section, each of the emotions identified under the declaration of
 10 #iLoveLondon are discussed with posts as examples.

11

12

13 **Table 4.** Feelings used to express love towards London (31 May–6 June)

Key Themes	Dates							Total Frequency	%
	31 May	1 June	2 June	3 June	4 June	5 June	6 June		
Post Dates	31 May	1 June	2 June	3 June	4 June	5 June	6 June		
Post Numbers	1- 100	101- 200	201- 300	301- 400	401-500	501-600	601-700		
Amazement	60	90	80	84	26	50	54	444	33
Attractiveness	54	34	52	42	34	32	26	274	21
Pleasure	50	52	38	44	0	14	14	212	16
Favourite	20	12	14	4	10	6	14	80	6
Enchantment	26	24	14	0	0	4	6	75	6
Belongingness	6	12	6	6	2	2	0	34	3
Intimacy	2	8	4	2	6	4	6	32	3
Nostalgia	8	8	0	0	0	0	10	26	2
<i>Themes emerged mainly after London’s terrorist attacks</i>									
Social Unity	0	0	0	4	30	10	0	44	4
Sadness	0	0	0	6	20	2	2	30	2
Sympathy	0	0	0	4	18	6	0	28	2
Concern	0	0	0	2	22	2	0	26	2
Grand Total	226	240	208	198	168	132	132	1.304	100

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4.3.2 Amazement

Amazement is the most frequently used theme to express the love towards London, it appears in 33% of the posts (see Table 4). Amazement is a feeling of great surprise or wonder, which is often driven by the perception of novelty and or greatness, expressing the sense of awe and the ‘wow’ factor of the destination, indicating a passionate love towards the destination’s attribute (Swanson, 2017). **The adjectives that are** more often used to declare amazement by Instagram users included: *amazing, awesome, wonderful, stunning, superb, magnificent, and outstanding*. Amazement is often triggered by stimuli that are so extraordinary or remarkable, hence exceeding users’ expectations. Similarly, post 15 captures the coloured lanterns floating across the sky with the Big Ben in the foreground, triggering the user’s expression of love towards London.

Managed to get this great picture of Whitehall whilst on the London Eye. Just look at that London cloud cover, magnificent. [ID 17]

	
ID: 15	ID: 53

1

2 4.3.3 Attractiveness

3 According to Hu & Ritchie (1993, p. 25) the perceived attractiveness of a travel destination
4 reflects *the feelings, beliefs, and opinions that an individual has about a destination's ability*
5 *to provide satisfaction in relation to his or her special vacation needs*. Based on our analysis,

6 **the destination's attributes attractiveness trigger Instagram users' declaration of love towards**

7 **London**. Destination attractiveness is expressed through the following words and hashtags:

8 *beautiful, pretty, nice, gorgeous, cute, sweet, charming, and fascinating* and hashtags like

9 *#prettycitylondon, #theprettycities, #prettylittlelondon, #mydarlingLondon, and #cute*.

10 Destination attractiveness is often facilitated by the colourful houses located in the

11 neighbourhoods of Notting Hill and Chelsea as expressed by:

12 *Beautiful houses in London. Walking along this felt like I had travelled back in time to a cute*

13 *village... [ID 6]*

14 *How gorgeous are these colourful houses in Notting Hill? You might have seen this cute,*

15 *signature pink car @lepinkfigaro out and about around London...Paired with the beautiful*

16 *houses of Notting hill, we think it makes the perfect combination... [ID 290]*

17



1

2 *4.3.4 Pleasure and happiness*

3 Fodness (1994) asserts that one of the five reasons for leisure tourism is ‘reward
4 maximization’ (or pleasure and sensation seeking). Before the expression of pleasure can be
5 defined, it may be wise to reflect on the difference between two basic human emotions:
6 pleasure and happiness. The experience of pleasure is motivated by one’s external
7 circumstances in a specific location (London, in this case) or moment in time (Friedlander,
8 2013). It is temporary, fleeting by nature, and the feeling it arouses can shortly become
9 neutral or even unpleasant. On the other hand, happiness is constant and a state of inner
10 fulfilment (Friedlander, 2013). Typical expressions of pleasure shown in the photos tend to
11 be about smiling and laughing, some **Instagram users** were also captured **posing** next to
12 architectural attractions. Pleasure **and happiness** are positive feelings, they are expressed
13 using words and hashtags like *happy, content, happiness, joyful, enjoy, #happydays,*
14 *#happygirl #enjoythelittlethings, #happylondonlife*. These expressions are often associated
15 with events (i.e. birthdays), weather condition, or the weekend, acting as facilitators.

16 *Always so happy to be back in the city I once called home [ID 61]*

1 *I just love love love summertime in London. The parks are busy, flowers are blooming*
2 *outside trendy stores and everyone is happy. ❤️👍❤️👍❤️👍 [ID 122]*

3 *Yesterday the weather in London was absolutely fantastic. 25° of pure happiness,*
4 *beauty and joy. Clear skies, flowers, people on the river bank chilling and having fun. It has*
5 *been incredible. And it has made me so happy! [ID 360]*

6
7



8

9 *4.3.5 Favouritism/preference*

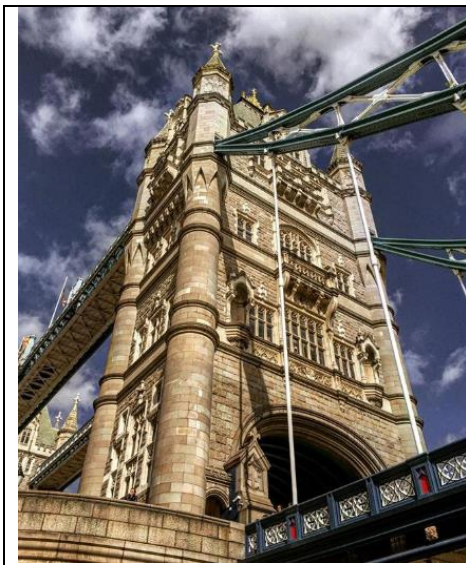
10

11 In the Oxford dictionary, favourite is defined as a person or a thing that is preferred to
12 all others of the same kind. In our analysis, favourite is often employed by Instagram users as
13 a way of expressing their particular preference and fondness of London. Cardoso et al. (2019)
14 explains that when a destination is recognised as favourite, it refers to a place that tourists
15 have already visited and considered the best destination based on their retrospective memory,
16 against other similar competitive destinations (Cardoso et al., 2019). Different from the so-
17 called “dream destination” that people have not actually visited before, people tend to

1 describe their favourite destinations using more tangible aspects (Cardoso et al., 2019), such
2 as the city, its attractions, and specific neighbourhoods like Notting Hill, Camden Town or
3 public parks like Hyde Park.

4 *London - always my favourite place in the world. Will celebrate New Years at the Big Ben to*
5 *welcome 2018. For a change. I love London ❤️❤️ [31]*

6



ID: 103



ID: 660

7

8

9 4.3.6 Enchantment

10 Enchantment expresses a feeling of magic, of mystical pleasure and in this study was often
11 accompanied by expressions like *fantastic, incredible, unreal, magical, mystical,*
12 *otherworldly, heavenly, dreamy, and fabulous.* Enchantment feelings enable individuals to
13 express the dreamy-like state caused by experiencing London. An example of enchantment is
14 a consumer evaluating her decision to visit London by saying:

1 *I've been dreaming of visiting London since I was a young girl and so far it's*
2 *exceeded all my expectations. This city is absolutely breath-taking! [22]*

3 *To the beautiful city of London, my heart goes out to you. This past week here was*
4 *magical for me and was a dream come true to get to explore everything you have to offer.*
5 *[199]*

6 *This house reminds me so much of the Hansel and Gretel fairytale and of the ginger*
7 *bread house. With the pink rhododendron bush and perfectly shaped greenery in front of the*
8 *light dreamy blue coloured house ...would definitely do not mind living there. A little*
9 *enchanted home in a big enchanted city 🏡 [ID 167]*

10



ID: 167



ID: 305

11

12

13 4.3.7 Intimacy

14

15 *Intimacy is an interpersonal process within which two interaction partners experience*
16 *and express feelings, communicate verbally and nonverbally, satisfy social motives, augment*
17 *or reduce social fears, talk and learn about themselves and their unique characteristics, and*

1 *become 'close' (psychologically)* (Reis & Shaver, 1988, p. 387). Thus, intimacy is represented
 2 by such attributes as psychological closeness and connectedness. In this study, intimacy
 3 refers to the **emotional closeness** between Instagram users and the city of London. Social
 4 media profiles provide people with the online settings wherein intimate storytelling is
 5 practised (Garde-Hansen & Gorton, 2013), as people tell personal stories about their
 6 relationships, families, and travels. Consumers feel in such a deep relationship with the
 7 destination that reveal their personal, intimate stories or celebrate intimate moments like the
 8 marriage proposal of the couple in the post below:

9 *2 years ago during the walk along the Thames I heard dedication to me and my (now)*
 10 *husband and then my favourite romantic song 'Perfect' by #edsheeran I didn't know what is*
 11 *going on... Few minutes later I heard THIS question! And of course I said YES! I was shaking*
 12 *and I was (I still am) the happiest woman in the world! It was perfect men, perfect place and*
 13 *perfect song [140]*



14

15 *4.3.8 Belongingness*

16 Belongingness is mostly expressed through *home feelings* while visiting or living at
 17 the destination. Instagram users exhibit a strong bond with the destination:

1 *I probably feel more at home there than anywhere else in the world. [ID 9]*
 2 *City of the possibilities and my home for the last 13- odd years. I love how vibrant,*
 3 *full of life, and connected London is [ID 200]*
 4 *You always go back where you belong. 🏠❤️ [ID 207]*
 5 *I think my soul belongs in London❤️🇬🇧 [ID 677]*



7
 8 *4.3.9 Nostalgia*

9 Sierra and McQuitty (2007) define nostalgia as the desire for the past or affection for
 10 possessions and activities linked with the past and is happened when individuals feel
 11 separated from an era to which they are attached. Stern (1992) distinguishes between personal
 12 and historical nostalgia and defines nostalgia as an emotional state in which an individual
 13 yearns for an idealized or sanitized version of an earlier time period (i.e. historical nostalgia)
 14 or a sentimental longing for something far away (i.e. personal nostalgia), where the distance
 15 referred to here is both spatial and temporal (Stephan, Sedikides, & Wildschut, 2012).

1 Nostalgia towards the destination is often manifested by the poster or by those who
2 comment on a post that reminds them about a memory of their travel or living experience in
3 the city that they miss. Nostalgia is often accompanied by expression *MissU*, *missing*,
4 *memories*, *nostalgia* and hashtags like *#imisslondon*, *#nostalgic*, such as in the following
5 post: *Watermelon juice at Borough market, last Saturday. I had an amazing time in London,*
6 *such a beautiful and cheerful city. I miss it so much. [ID 74]*

7 *Today I'm missing London... a lot ❤️; Gonna miss London so much! Such a short*
8 *trip! Mama and i's headed back home to Canada [ID 118]*

9 *London, I am coming back, yeah 😊!!! Nostalgie is ending! [ID 304]*

10 *This park really brings back so many happy memories of younger and simpler days*
11 *with family and friends. Miss it all. [ID 676]*

12



ID: 74



ID: 676

13

1 *4.4 Emotions in the Love declaration in time of crisis: Social Unity, Sadness, Sympathy and*
2 *Concern*

3 As shown in Table 4, it is important to note that the expression of *social unity*,
4 *sadness, sympathy and concern* did not emerge in the earlier posts, from 31st May to 2nd June
5 2017. However, immediately after the London's terrorist attack on June 3rd, they were very
6 much expressed and associated with the expression of love towards London. In the Instagram
7 posts, social unity, solidarity, and the support to London and Londoners are made through
8 posts of pictures and statements, claiming to be united or joined as a whole with the
9 destination. Instagram users express feelings of deep sadness, which are generally triggered
10 when the loved object or the loved person is threatened by others.

11 *With all the horrendous news lately and the tragic loss of innocent life I feel so sad*
12 *with the world 😞 [ID 586].*

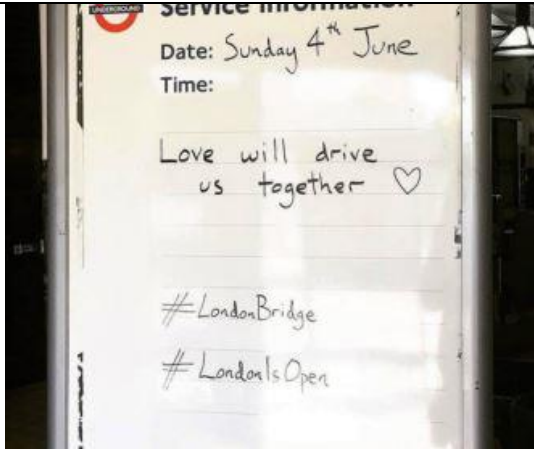

13 For example, the following Instagram user states the importance of community as
14 follows:

15 *London is a happy and lively city and nothing and no one will ever take that*
16 *away from us. Today we will not be scared or intimidated and we will*
17 *continue enjoying life in the city that we all call home #unitedwestand*
18 *#londonbridge #boroughmarket #alwaysprettylittlelondon. [ID 505]*

19 Another example can be found in post number 558, in which the user felt the need to
20 pray for London and the suffering people after the terror attack.

21 *Please be safe out there. Let's help each other. #iLoveLondon #prayforlondon #besafe*
22 *#peace #love' [ID 558].*

23 Below other examples representing the best-suited expressions of *social unity*.

	
ID 443	ID 503

1

2 *The love & solidarity of London, Manchester & the whole UK is something*
3 *truly special ♡~ we will never be beaten & will carry on as we always do*
4 *#WeAreNotAfraid #londonlife #ILoveLondon [ID 599].*

5 *London. Manchester. Kabul. Paris. Berlin. Iraq. Syria. Cairo. Wherever evil*
6 *acts, love and peace and unity and compassion will always be stronger and*
7 *mightier. Because we are united with our values of friendship,*
8 *multiculturalism, happiness and democracy, upholding with determination*
9 *and resilience this open and free way of life. No dogma, no hate, no death will*
10 *defeat us. We are many, we are plural, we are freedom, we are not afraid, we*
11 *are peace. [ID 426]*

	
ID: 426	ID: 592

1

2 In this case, expressing social unity with the destination connects to the co-creation of
3 love and support for London among Instagram users, tapping into their existing friendship
4 and community bonds both online and offline. Together with solidarity is the expression of
5 sympathy, which is defined by Eisenberg, Eggum and Di Giunta (2010, p.3) as *an*
6 *understanding of another’s emotion and includes an emotional response, but it consists of*
7 *feelings of sorrow or concern for the distressed or needy other rather than merely feeling the*
8 *same emotion the other person is experiencing or is expected to experience.*

9 In this study, the London’s terrorist attack acts as a stimulus for sympathetic
10 responses towards **the citizen of London, who suffered because of** the terrorist attack.

11 *My heart is aching for all those caught up tonight in this nightmare [ID 389]*

12 *My heart bleeds for those who were directly affected. [ID 400]*

13 In addition, when it comes to photos that communicate sympathetic feelings, it is
14 interesting to note that no human figure is portrayed in the photographs. All pictures are
15 scenic photos of London, taken from different locations by Instagram users, mostly of
16 cultural institutions, such as the Big Ben and the Thames River. Furthermore, by diluting or
17 darkening the original photo colours using Instagram filters, sympathetic feelings are

1 expressed. Moreover, some cultural institutions act as concrete objects that people can use to
2 express sympathy and concerns.

3 *This time though as we've been going about our tourist business, we've frequently thought*
4 *about the other people that were doing exactly the same, enjoying the sights or a relaxing*
5 *drink, when their lives were changed forever by a terrorist act, and we've been touched with*
6 *sadness at this while exploring this wonderful city [ID 592].*

7

8 4.5 Relevant emotions – Study Two

9 The analysis of textual data in study two further confirms the findings derived from study
10 one, with some exceptions. As shown in Table 5, in study one some of the most frequently
11 used words to express love towards London did not include the feelings of *social unity*,
12 *sadness*, *sympathy* and *concerns*. However, these feelings were experienced only during the
13 London's terrorist attack. This suggests that these emotions accompany the declaration of
14 love over a short period of time and because of an exceptional crisis, thus they may be
15 statistically irrelevant when a longer span of time is taken into account. The table below
16 provides an overview of the frequency of each of the feelings used to express the love
17 towards the destination, including *attractiveness*, *happiness*, *amazement*, *favourite*,
18 *belongingness*, and *nostalgia* feelings. The feelings of *intimacy* did not emerge in this
19 analysis. Accordingly, intimacy emerged in the interpretative analysis of Instagram users'
20 pictures, however this feeling was not codified in the natural language, hence it cannot be
21 detected through quantitative data analysis.

22 **Table 5.** Most frequently used words to express the feelings of love towards London.

Theme	Word	Frequency	Weighted Percentage
Attractiveness	Pretty	11345	0.59
Attractiveness	Beautiful	7717	0.39
Happiness	Enthusiast	3644	0.19
Happiness	Happy	2396	0.14
Attractiveness	Like	1671	0.09
Amazement	Amazing	1651	0.09
Favourite	Best	1057	0.06
Amazement	Great	1134	0.06
Nostalgia	Back	1120	0.06
Happiness	Enjoy	1058	0.06
Enchantment	Magic	849	0.05
Belongingness	Home	845	0.05
Attractiveness	Lovely	819	0.05
Favourite	Favourite	585	0.03

1

2

3 *4.6 Associated hashtags*

4 The quantitative analysis of the hashtags show that Instagram users employ various

5 hashtags in association to the expression of love. We have attempted to categorize these

6 hashtags and, interestingly, the majority of them are ‘local’, namely hashtags used by

7 Londoners or people living within the destination every day, to post about their daily life or

8 about London’s lifestyle, such as #londoner, #londontown, #thelondonlifeinc, #londonpop,

9 #londonist, #mylondon, #citylife and #streetlife. Among the residents’ hashtags,

10 photographers were among the most active co-creator of love towards London with hashtags

1 like #streetphotography, #photography, #picoftheday, #londonguru, #cityphotography,
2 #cityscape, #travelphotography.

3 It is also interesting to see the presence of many relevant travel-related hashtags used
4 in association with ilovelondon's; these can be distinguished between *popular hashtags*
5 related to travel in general such as: #travel, #travelgram, #instatravel, #wonderlust,
6 #travelawesome, #trip, #traveling, #traveller, #travelblogger, #traverselondon; and *hashtags*
7 related to the *most loved tourist attractions/places* in London such as #bigben,
8 #londonbridge, #westminster, #thames, #riverthames, #eastlondon, #theshard, and
9 #nottinghill. Interestingly, the hashtag analysis also provides us with some information about
10 the most loved attributes of London, which again include *natural* and *architectural attributes*
11 together, including #nature, #sunset, #flowers, #sky, #landscape, #skyline, #architecture,
12 #londonstreets, and #londonarchitecture.

13 Finally, the presence of 'inclusive' hashtags such as #londonforyou #londonisopen
14 #ldn4all, #londoncityworld, show that Instagram users love the cosmopolitan personality of
15 London, a city that welcomes and is open to everyone.

16 **Table 6.** Hashtags associated to the declaration of Love.

Hashtag	Frequency	Weighted percentage	Hashtag	Frequency	Weighted percentage	Hashtag	Frequency	Weighted percentage
#travel	4560	0.26	#instadaily	1347	0.08	#vscocam	756	0.04
#prettylittlondon	4354	0.24	#ukpotd	1272	0.07	#nofilter	753	0.04
#londoner	4344	0.24	#iglondon	1248	0.07	#londonguru	751	0.04
#londontown	3590	0.20	#vsco	1244	0.07	#metropolis	732	0.04
#thelondonlifeinc	3398	0.19	#londonbylondoners	1208	0.07	#eastlondon	723	0.04
#londonpop	3373	0.19	#britain	1187	0.07	#unlimitedlondon	721	0.04
#shutup	3228	0.18	#beautiful	1169	0.07	#riverthames	715	0.04
#londres	2988	0.17	#summer	1143	0.06	#londoncityworld	707	0.04
#streetphotography	2931	0.16	#streetart	1125	0.06	#photo	702	0.04
#architecture	2920	0.16	#bbctravel	1087	0.06	#streetlife	698	0.04
#londonist	2484	0.14	#westminster	1045	0.06	#londonstyle	696	0.04
#mylondon	2427	0.14	#ldn	1030	0.06	#travelling	696	0.04
#bigben	2266	0.13	#nature	1005	0.06	#like4like	672	0.04
#instagood	2200	0.12	#igers	1001	0.06	#photosofengland	668	0.04
#photooftheday	2185	0.12	#londonisopen	1001	0.06	#londonbaby	655	0.04
#travelgram	2072	0.12	#ldn4all	997	0.06	#canon	647	0.04
#londonforyou	2031	0.11	#londogram	996	0.06	#sky	644	0.04
#photography	1960	0.11	#sunset	920	0.05	#theshard	630	0.04
#bnw	1927	0.11	#cityscape	891	0.05	#prayforlondon	625	0.04
#vscolondon	1913	0.11	#travelawesome	881	0.05	#traveller	624	0.04
#picoftheday	1886	0.11	#cityoflondon	867	0.05	#travelblogger	619	0.03
#instatravel	1797	0.10	#topeuropephoto	849	0.05	#traverselondon	616	0.03
#londonlove	1775	0.10	#thames	845	0.05	#landscape	613	0.03
#city	1759	0.10	#londonstreets	837	0.05	#londonvisionaries	605	0.03
#mydarlinglondon	1715	0.10	#citylife	833	0.05	#architecturelovers	598	0.03
#londoncalling	1639	0.09	#visitbritain	822	0.05	#londonblogger	591	0.03
#wanderlust	1581	0.09	#rsa	820	0.05	#visitlondonofficial	587	0.03
#travelphotography	1514	0.08	#londonmoment	818	0.05	#theprettypcities	585	0.03
#londonbridge	1482	0.08	#trip	818	0.05	#лондон	584	0.03
#igersuk	1438	0.08	#traveling	794	0.04	#weekend	578	0.03
#art	1393	0.08	#justgoshoot	791	0.04	#tourist	576	0.03
#street	1355	0.08	#flowers	773	0.04	#londonarchitecture	575	0.03
#europe	1353	0.08	#urban	763	0.04	#nottinghill	569	0.03
						#skyline	566	0.03

1

2 5. Discussion

3

4 Instagram is increasingly used by travellers to narrate their travel experience and
5 share them with their peers and the extended social media network (Haldrup & Larsen, 2003).

6 This study sought to achieve an in-depth explanation of the declaration of love towards a
7 destination brand on social media. While there is increasing interest in travel photography
8 (e.g. Lo et al., 2011; Kim & Stepchenkova, 2015; Lo & McKercher, 2015; Mak, 2017;
9 Nikjoo & Bakhshi, 2019), little is known about the destination attributes, feelings/emotions
10 that are adopted to express the love towards a destination. The comments and posts analysed
11 were predominantly emotional and positive, proving that consumers who are in love with a
12 destination are likely to engage in the declaration of love on social media through posting
13 pictures associated with emotional contents and hashtags. **Previous studies in marketing**
14 **emphasized the role of brand love as an antecedent of electronic word-of-mouth on Facebook**
15 (Wallace et al., 2014; Loureiro et al., 2017).

1 This study has adopted a mixed-methods approach (Johnson & Onwuegbuzie, 2004)
2 to fill a relevant knowledge gap by showing how destination BL is expressed and co-created
3 through photos, captions, and hashtags on social media, which has not received research
4 attention in the marketing as well as the travel & tourism literature. By eliciting how love is
5 expressed as a consequence of destination BL through specific destination attributes and
6 characteristics, emotions and hashtags, we make several theoretical contributions to
7 marketing and travel & tourism (and specifically destination BL) literatures.

8 Firstly, we reveal that some destination attributes foster the declaration of destination
9 love, such as *architectural and natural attributes, people and celebration, weather, public*
10 *transportation, and food*. The findings show that the *natural and architectural* attributes **are**
11 **the most important destination attributes that motivate Instagram users to express their love**
12 **towards London**. **It is interesting to note that houses and flowers trigger the love declaration**
13 **even more frequently** than the most well-known tourist attractions such as the Big Ben,
14 Westminster and Tower Bridge. Previous studies suggest that cultural and historical
15 attractions are the principal reasons that generate tourism trips (Prentice, 1993), while Pan et
16 al. (2014) reveal that natural resources (i.e. mountains, water bodies, and flora and fauna)
17 have a prominent role in fostering affection towards a place. People and celebration reflect
18 instead the *social* nature of tourists' photographs (Haldrup & Larsen, 2003). Increasingly,
19 transportation, weather, and food, which have been considered as ancillary services, i.e.
20 simple extension of the daily experience to the tourist journey (Quan & Wang, 2004), play a
21 prominent role in the declaration of love. These findings confirm that food & beverage and
22 transportation are considered as interesting and worth-mentioning in user-generated content
23 (Mak, 2017). These attributes are photographed, interacted, displayed, shared and commented
24 as symbols of the destination brand love.

1 By identifying the attributes that are employed by Instagram users in their self-
2 expression of love towards London, we highlighted the key destination attributes regarded as
3 having the highest ‘emotional value’. This is particularly relevant in terms of destination co-
4 created brand image, such findings offer direct insights to **the DMOs of London and could**
5 **help managers** understand how travellers (and residents) feel about the destination and what
6 triggers the love towards London. **The analysis of Instagram pictures could also help**
7 destination managers promote London **differently, i.e.** as an *emotional destination* to various
8 stakeholders so as to stimulate the desire to visit or revisit. Hence, DMOs can uncover new
9 attributes that tourists love about the London’s destination, for example the colourful flowers
10 (i.e. wisteria flower) **that grow on the front yard of private houses or shops** (i.e. Peggy
11 Porschen cakes), as well as some of the *architectural elements* such as the views of the
12 London’s sunset from skyscrapers, the vintage cars parked near heritage sites or the colourful
13 houses in the neighbourhoods of Chelsea, Notting Hill, Kensington, and Camden Town. This
14 result shows that, while on the one side most of tourist co-created image tends to reinforce the
15 existing and well-established image of a destination (Schmalleger & Carson, 2008), on the
16 other side, an emotional image of the destination exists and it is co-created by user-generated
17 photographs through uncoded and coded feelings and emotionally valenced hashtags.

18 Accordingly, DMOs should be aware of the ‘emotional’ image projected by tourists
19 and whether this image is consistent with the image that is promoted through marketing
20 communications. It is evident how the results of the analysis of the image perceived by
21 tourists can be useful for the branding activity of DMOs (Stepchenkova & Zhan, 2013;
22 **Donaire et al., 2014**). In this study, we highlight a specific facet of the destination image,
23 namely the affective dimension (San Martín & Del Bosque, 2008), and more specifically the
24 expression of destination love. Although we focus on destination love, this study also
25 contributes to the travel & tourism research that adopts user-generated photographs to study

1 destination image perceptions (Stepchenkova & Zhan, 2013; Pan, Lee, & Tsai, 2014; **Donaire**
2 **et al., 2014**; Kim & Stepchenkova, 2015; Stepchenkova et al., 2015; Mak, 2017; Nikjoo &
3 Bakhshi, 2019).

4 Secondly, limited studies have explored social media users' relationship with a
5 tourism destination, examining the emotional bonds between people and places (Baloglu &
6 Brinberg, 1997; Bigné, Andreu, & Gnoth, 2005; Pan, Lee, & Tsai, 2014; Cheng & Kuo,
7 2015), and specifically destination brand love (e.g. Aro et al., 2018). This paper shows that
8 destination love is seldom expressed on its own, but it is accompanied and expressed through
9 a specific set of emotions, such as *amazement, happiness (& pleasure), attractiveness,*
10 *favourite/preference, enchantment, intimacy, belongingness, and nostalgia.* **By doing so we**
11 **develop a better understanding of the consumers' feelings concerning tourism destinations**
12 **beyond positive and negative affect (Laros & Steenkamp, 2005).** Hence, these findings
13 advance travel & tourism as well as marketing literature by revealing the specific feelings
14 associated with the declaration of destination love, contributing to debate on emotions related
15 to marketing activities, consumption, and post-purchase (e.g. Batra & Ray, 1986; Havlena
16 and Holbrook, 1986; Holbrook & Westwood, 1989; Batra & Holbrook, 1990; **Laros &**
17 **Steenkamp, 2005**; Ladhari, 2007). The findings of this study can also inform the development
18 of a scale that measures the emotional dimensions of love towards a brand. The findings
19 extend previous debate on DBL (Aro et al., 2018) by offering a more comprehensive
20 illustration, wherein DBL is expressed **through uncoded and coded meanings,**
21 photographs of destination attributes, as well as hashtags. By illustrating how specific
22 emotions are expressed to assist people's expression of love towards London, this paper shed
23 new light to the understanding of destination BL, in particular the expression of love.

1 Finally, we show how social media users who love a destination **are likely to express**
2 their love towards the destination on social media in time of crisis (i.e. terrorist attack).
3 Specifically, we showed that when the tourism destination was under attack, some Instagram
4 users were keen to provide emotional support to the destination to help its recovery. Feelings
5 that emerged after the London's terrorist attack refer to *social unity, sadness, sympathy, and*
6 *concern*. The study shows that individuals who love a destination will spontaneously attempt
7 to minimize the negative impact of major crises, such as a terrorist attack, through declaring
8 their emotional attachment, support, empathy, and closeness in their posts of the destination.
9 This result is observable in the current coronavirus outbreak, where travellers express
10 sympathy, closeness and concern to those living in the destinations (e.g. Milan in Italy, New
11 York in the US) most affected by the virus. This finding advances our knowledge of the
12 outcomes of DBL (Thomson, MacInnis, & Park, 2005; Carroll & Ahuvia, 2006; Aro et al.,
13 2018), by stressing its expediency in mitigating the negative effect of crisis on tourism
14 destinations.

15 **5.1 Theoretical contribution**

16 This study contributes to the growing literature on value co-creation in travel &
17 tourism research (Prebensen, Vittersø, & Dahl, 2003; **Binkhorst, & Den Dekker, 2009;**
18 **Buhalis & Foerste, 2015; Lin, Chen, & Filieri, 2017).** **We explored value co-creation in the**
19 **social media context,** specifically focusing on how *destination love is co-created* on
20 Instagram. **Travellers experiencing love towards a destination are more willing to engage in**
21 **an active co-creation behaviour in the context of online communities based on hashtags;**
22 **hence, supporting proposed relationships in the academic literature on brand communities**
23 **(Kaufmann et al., 2016).** Further, we add to general management literature on stakeholders'
24 value co-creation to social media (Vallaster & Von Wallpach, 2013; Singaraju, Nguyen,

1 Niininen, & Sullivan-Mort, 2016), by showing how, on social media, love towards a
2 destination can be co-created by various stakeholders such as photographers, residents,
3 tourists, and mass media (i.e. BBC) using various hashtags. These stakeholders co-create the
4 emotional image of the destination by expressing their destination love through posting
5 photos portraying the destination and its attributes, using positive feelings and emotional
6 content/hashtags. We speculate that the more a tourism destination engages various
7 stakeholders and motivates them in expressing their love, the higher is the so called
8 *emotional capital* of a destination. Nahapiet and Ghoshal (1998, p. 243) define social capital
9 as: “the sum of the actual and potential resources embedded within, available through, and
10 derived from the network of relationships possessed by an individual or social unit”. We
11 define *emotional capital* as the amount of emotional content and feelings that destination
12 hashtag followers generate when they express their love and bond towards a destination. By
13 integrating together the two concepts of social capital and emotional capital, we shed light on
14 two important aspects: 1) the destination’s network of relationships with tourists, residents
15 and other stakeholders who are emotionally attached to a destination and 2) the amount and
16 quality of resources (i.e. content) shared through social media platforms (i.e. positive
17 emotions, attractive pictures). Accordingly, some destinations have larger social networks
18 and/or their followers are more likely to elicit love emotions than others, hence these
19 destinations can benefit more of the use of emotional hashtags and posts, which contribute to
20 accumulate *emotional capital*. The *emotional capital* of a destination brand is a new type of
21 capital that emerged from this study and should be expressed in destination branding, in
22 addition to the pre-existing environmental, social and cultural capital (Campelo et al., 2014).

23

24 5.2 Methodological contribution

1 Furthermore, there is a lack of mixed-methods research in travel & tourism research
2 in general, and on brand love in particular. More specifically, there is limited studies
3 integrating qualitative analysis and text analytics with a large pool of data. This study
4 adopted a mixed-methods approach, by combining qualitative visual content analysis of a
5 limited number of user-generated photographs and quantitative textual analysis using a large
6 dataset. If the qualitative analysis' strength is to enable a more in-depth understanding of the
7 emotions and feelings, linked to the declaration of love, as well as of the non-codified
8 meanings of the pictures, it also informs the subsequent quantitative analysis, in which a
9 ranking of the themes and concepts most frequently used to express the love towards a
10 destination is produced. The analysis of the strengths and weaknesses of each approach
11 advances our understanding of the value of mixed-methods research in the analysis of visual
12 data in travel & tourism research, as well as, potentially, in social science research. Previous
13 research focused on a limited number of pictures in their studies (Garrod, 2009; Lu &
14 Stepchenkova, 2012, Pan, Lee, & Tsai, 2014; Nikjoo & Bakhshi, 2019). Although using a
15 limited number of data can produce valuable insights, we show how a mixed-method
16 approach using both textual and visual content, can be used to provide a more comprehensive
17 picture of the phenomenon investigated.

18

19 **6. Managerial implications**

20 Whilst Instagram as a social media platform is actively employed by users through
21 photo sharing, interacting, tagging and discussions, to communicate, display and declare their
22 love towards places and destinations, the findings highlight the potential of such customer-to-
23 customer practice in value co-creation. The findings are going to be of interest for DMOs of
24 the most loved tourism destinations such as London, New York, Rome, Paris, and

1 increasingly Barcelona, Amsterdam, and Istanbul. The study proposes an approach to identify
2 the most loved destination attributes and associated feelings.

3 This study also emphasises the potential for destination BL co-creation with tourists
4 and residents; DMO can, for example, develop (or monitor) hashtags and organize
5 photography contests where tourists and residents articulate, communicate and share their
6 love for a destination. The insights generated through the analysis of user-generated data can
7 also produce insights about tourists and residents' perception of the destination, hence the
8 destination image. Acknowledging tourists and residents as active value co-creators, DMOs
9 are therefore suggested to consider their role and involvement in value co-creation activities
10 that involve the sharing of feelings and emotions.

11 By showing that flowers and plants climbing colourful period homes, skyscrapers,
12 iconic public transportation, people and their celebrations, as well as the weather and food are
13 key attributes that trigger the London love, DMOs should try to engage the posters by liking
14 and commenting on their posts, which might motivate a continuous co-creation process and
15 sharing the London love towards the associated London destination's DMO hashtags.

16 Furthermore the insights generated through a qualitative and quantitative analysis can
17 help identify new, key destination attributes that can be used in the DMO's marketing
18 communication to promote or renew the image of a destination to tourists, residents and other
19 stakeholders. This way, DMOs could use user-generated pictures to create a more distinct
20 (emotional), credible and authentic image of London.

21 The analysis of the hashtags also enabled us to identify the most active and influential
22 hashtags and stakeholders that more frequently contribute to co-create the love towards the
23 London destination. These influencers and the related hashtags can be useful information for

1 destination managers, who can try to engage them further in order to reach a larger number of
2 followers in their branding activities.

3

4 **7. Limitations and Future Research Directions**

5 The research suffers from the following limitations. Firstly, the data was collected
6 from one platform (i.e. Instagram) and at a specific point in time. Although this is one of the
7 most popular platforms to post travel experiences (Fatanti & Suyadnya, 2015; Sheldon &
8 Bryant, 2016), it is not the only one. Hence, future research could use a combination of social
9 media platforms where travellers post pictures of the destination they visit such as Pinterest,
10 Facebook, Weibo, and WeChat. Moreover, data was only captured during the summer
11 season, hence the results could be affected by seasonality. Hence, flowers and parks may be
12 photographed and posted more often during the seasons of Spring and Summer. Future
13 research should sample Instagram posts at the different seasons to gather a more conclusive
14 view and reduce the seasonality bias.

15 Secondly, whilst the relationship between people and places is very much context-
16 specific, future studies are also encouraged to look at how people declare and communicate
17 their love towards other destinations. While our findings prove that destination love is
18 expressed through a combination of key attributes and characteristics specific to the
19 destination, together with emotional attachment, future studies are recommended to explore
20 how destination love is expressed towards other destinations in order to further validate our
21 findings and provide specific advice to different DMOs.

22 Thirdly, this study focused on brand love which is probably the most intense positive
23 emotion that consumers feel toward brands (Carroll & Ahuvia, 2006). However, there is a
24 dearth of studies on the negative emotions toward brands, and specifically on the concept of

1 brand hate, which is, perhaps, the most intense negative emotion that consumers may feel
2 toward a brand (Zarantonello et al., 2016; Shuv-Ami et al., 2020).

3 Fifth, it is important to note that many Instagram users may have different motivation
4 to post sympathetic comments during a crisis like a terrorist attack; accordingly research has
5 established that the desire to become popular and gets more likes is one of the reasons why
6 Instagram users post using an hashtag (Chatzopoulou, Filieri, & Dogruyol, 2020).

7 Finally, visual content analysis may reflect a certain level of subjective interpretation.
8 Individuals' own cultural backgrounds may affect how they encode or decode the meanings
9 derived from the same picture/photograph. Tourists from a specific cultural background may
10 emphasise some elements in their posts more than the others (Kim & Stepchenkova, 2015).
11 Thus, future research is advised to take the cultural lens into account in their analysis and
12 discuss whether destination love could be triggered or expressed by the same set of
13 destination attributes, among tourists from different cultures.

14 **References**

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20 **Appendix 1**

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new dataset all files - Notepad
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#towerbridge #london #prettylondon #beautifulplaces #bluesky #beautiful #summerday #ThisIsLondon #ilovelondon" 14 0 vaneela Irina
https://www.instagram.com/p/BV-xgsm199/ 2017-06-30 22:41:04 +0000 "Look at these lovelies ♡ Rocking out to Phil Collins, Mike and the Mechanics and Blond
https://www.instagram.com/p/BV-x281FRY/ 2017-06-30 22:44:06 +0000 "#ilovelondon #paris #uae #dubai #mydubai #fashion #crazynight #everythingispossible ♡

Amazing night, but I'm off to bed...🌙♡" 98 4 Knightbridge London noonys23
https://www.instagram.com/p/BV-xcxlPZZ/ 2017-06-30 22:40:32 +0000 Hope you are all having a fun Friday night 🌙 135 5 ladyvinlondon
https://www.instagram.com/p/BV-xU4Eg1FC/ 2017-06-30 22:39:27 +0000 Artsy streets in Shoreditch *** #graffiti #visitlondon #canonphotography #london #london
https://www.instagram.com/p/BV-yyOGjtV8/ 2017-06-30 22:34:43 +0000 "Suraya bir fotoğraf daha atayım da insanlar ""sadece bizim derdiniz sıkıntımız var"" di
https://www.instagram.com/p/BV-woeMBA0r/ 2017-06-30 22:33:23 +0000 Vintage Vantage #astonmartin #vintage #londonlife #prettycitylondon #ilovelondon #mayfai
https://www.instagram.com/p/BV-wdprg2Fq/ 2017-06-30 22:31:55 +0000 "Doors, opportunities..." 180 8 jarmoliikainen Jarmo Liikainen
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#londonzooslates #fridaynight #ilovelondon" 15 0 spidermonkeyjan spidermonkey Jan
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https://www.instagram.com/p/BV-u0mo0bG3/ 2017-06-30 22:17:34 +0000 Finishing lunch with traditional flavored wódka at Ognisko in Kensington. Limonka & Miet
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#ThisIsLondon #ILoveLondon #IG_London #TimeOutLondon #VisitLondon #PrettyCityLondon #LondonByLondoners #LondonLocal #MySecretLondon #VisitEngland #VisitBritain #London
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#sun #sunset #followthesun #sunset_madness #sunlovers #landscape #landscape_lovers #sky #skylovers #colorful #clouds #hot #summer #beautifulday #beautifulview #picofthe
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