

**Consumer motivations for engaging with corporate social
responsibility on social media**

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Consumer motivations for engaging with corporate social responsibility on social media¹

Abstract

Purpose This study analyzes consumer motivations to share information about corporate social responsibility (CSR) activities through electronic word of mouth. It examines the roles of self-enhancement, identity signaling, and social bonding as antecedents of consumers' CSR engagement on social media.

Methodology A quantitative approach is used with a single-factor between-subjects experimental design in which the presence vs. absence of CSR information on a company website is manipulated. The hypotheses are tested through structural equation modeling.

Findings Results show that after viewing the company's CSR message on its website, consumers that generated more CSR associations were more motivated to engage with the CSR information to satisfy fundamental personality traits (need for self-enhancement) and social relationship motivations (social bonding), which increased their intention to share the information.

Practical implications The study highlights the relevance of including CSR information on websites, and offers insights into the importance of considering consumers in disseminating CSR information. Consumers share information when they have personal motivation for doing so.

Research limitations This study is restricted to CSR information on websites. Further research should consider social media, as consumers are more likely to spread CSR messages when they are shared by other public social network sites.

Originality The results show the importance of personal motivations such as self-enhancement and social bonding in sharing CSR information on social media.

Keywords corporate social responsibility, CSR communication, CSR engagement, self-enhancement, identity signaling, social bonding.

Paper type Research paper.

Resumen

Propósito El estudio analiza las motivaciones que tiene el consumidor para compartir información sobre acciones de responsabilidad social corporativa (RSC) a través de boca oído electrónico (eWOM). En particular, las motivaciones de mejora del auto-concepto, necesidad de mostrar una identidad deseada y la vinculación social.

Metodología Diseño experimental entre sujetos donde se manipuló presencia vs. ausencia de información de RSC. Las hipótesis se contrastaron mediante un modelo de ecuaciones estructurales.

Resultados Los resultados muestran que los consumidores con más asociaciones de RSC comparten más la información de RSC motivados por satisfacer la mejora del auto-concepto y vinculación social.

Implicaciones prácticas El estudio destaca la importancia de generar contenido de RSC en el sitio web de la empresa, y la importancia de los consumidores en la difusión de información de dicha información.

Limitaciones El estudio está restringido a la presencia de información de RSC en el sitio web de la empresa. Sería interesante evaluar si dicha información se comparte en redes sociales, en la medida en que los consumidores tienen mayor tendencia a compartir la información procedente de redes sociales.

Originalidad Los resultados muestran la importancia de motivaciones personales como la mejora del auto-concepto y la vinculación social a la hora de compartir información de RSC en las redes sociales.

Palabras clave responsabilidad social corporativa, comunicación de la RSC, asociaciones de RSC, compromiso con la RSC, mejora del auto-concepto, mostrar una identidad deseada, vinculación social.

消费者在社交媒体上参与企业社会责任的动机

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摘要

目的 - 本研究分析了消费者通过电子口碑分享企业社会责任 (CSR) 活动信息的动机。它研究了自我提升、身份信号和社会联系作为消费者在社交媒体上参与企业社会责任的前因的作用。

方法 - 采用单因素主体间实验设计的定量方法，对公司网站上企业社会责任信息的存在与否进行操纵。假设通过使用R软件包lavaan的结构方程模型进行检验。

研究结果 - 结果显示，在观看公司网站上的企业社会责任信息后，产生更多企业社会责任联想的消费者更有动力参与到企业社会责任信息中，以满足基本的人格特征（自我提升的需要）和社会关系动机（社会纽带），这增加了他们分享信息的意向。

实践意义 - 该研究强调了将企业社会责任信息纳入网站的相关性，并对在传播企业社会责任信息时考虑消费者的重要性提出了见解。消费者在有个人动机的情况下会分享信息。

研究局限性 - 本研究仅限于网站上的企业社会责任信息。进一步的研究应该考虑到社交媒体，因为当消费者在其他公共社交网站上分享企业社会责任信息时，他们更有可能进行传播。

原创性 - 研究结果表明，在社交媒体上分享企业社会责任信息时，自我提升和社会联系等个人动机的重要性。

关键词：企业社会责任，企业社会责任传播，企业社会责任参与，自我提升，身份信号，社会纽带。

1. Introduction

Today, people expect organizations to be socially engaged (de Jong and van der Meer, 2017), being corporate social responsibility (CSR) activities of great interest to consumers. CSR activities refer to voluntary actions aimed at furthering a social good, countering a social ill, or addressing the externalities of a company's operations in the world (Brown and Dacin, 1997). Nowadays, customers demand information about the company's CSR activities (Pérez *et al.*, 2020). In this context, the generation of messages related to CSR activities is a key element in CSR communication (Liu *et al.*, 2020; Chu *et al.*, 2020). CSR communication has been defined as "communication that is designed and distributed by the company itself about its CSR efforts" (Kim, 2019). Yet while the communication of CSR activities is an essential part of a company's CSR impacts (Pérez *et al.*, 2020), relatively little attention has been paid to the CSR communication aspect (Kim and Ferguson, 2018).

Most communication activities in this domain have focused on the creation of CSR reports or their distribution among shareholders in annual meetings. However, new media such as websites and social network sites (SNSs) are crucial for such communication as they are based on collective intelligence, collaboration, voluntariness, transparency, and commitment (Castelló-Martínez and Ros-Diego, 2012). Since consumers in online environments are increasingly able to participate, share, and collaborate (Chu *et al.*, 2020), companies may benefit from more interactions with them (Liu *et al.*, 2019). In addition to communicating brand-related messages, companies can communicate their CSR efforts to develop stronger bonds with consumers.

Recent research in CSR communication has examined the presence of CSR information on company websites with a focus on message design, information specificity, and social topic awareness as antecedents of attitude toward the communication (Pérez *et al.*, 2020). However, few research studies have focused on the motivations to share CSR information online. Previous research has identified fundamental personality traits and social relationship motivations as antecedents of electronic word of mouth (eWOM) behavior (Mishra *et al.*, 2018; Taylor *et al.*, 2012, Ho and Dempsey, 2010, Hennig-Thurau *et al.*, 2004). The goal of this paper is therefore to provide a comprehensive understanding of the role of social and identity motivations in the development of CSR engagement with a company on SNSs. We propose that sharing CSR information may help individuals to improve how they perceive themselves or how others see them. More specifically, consumers' needs for self-enhancement, identity signaling, and social bonding are studied as antecedents of CSR engagement on SNSs.

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3 Self-enhancement refers to an improvement in the sender's image of themselves. People will
4 talk more comfortably about things that help them to improve their self-concept (Ho and
5 Dempsey, 2010; Packard and Wooten, 2013). Identity signaling refers to a specific identity that
6 the sender wishes to communicate. People are more likely to provide information about things
7 that help them to express a desired personality (Berger, 2014). Finally, social bonding refers to
8 the sender's need to belong (Schutz, 1958). People will share more information on topics that
9 help them to connect with others (Rimé, 2009).

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15 Through an experimental design, we demonstrate that the presence of CSR messages on the
16 company website increases CSR associations, leading to higher motivations to share CSR
17 information based on consumers' needs for self-enhancement, identity signaling, and social
18 bonding. This study makes important contributions to the CSR communication literature. First,
19 it highlights the role of consumers in disseminating CSR information and their involvement with
20 CSR communication. Additionally, it approaches the study of eWOM in the CSR domain,
21 identifying important motivations based on fundamental personality traits and social factors as
22 antecedents of engagement behavior on social media.

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29 The following sections review the key concepts, formally propose the hypotheses, and present
30 the methodology in detail. The main results are then reported, and both the theoretical and
31 managerial implications are discussed.

32 33 34 **2. Theoretical development and hypotheses**

35 36 *2.1. Consumers' engagement in corporate social responsibility communication*

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38 As CSR has become commonplace for companies, CSR professionals have realized that the
39 activities require more than simply informing consumers about them; they also need to engage
40 consumers in CSR initiatives as they are the ultimate target audience whose behavior the
41 program seeks to impact (Lee *et al.*, 2019). Consumer engagement describes a customer's
42 resource investment in his/her brand interactions (Kumar *et al.*, 2019, p. 141). For example,
43 active engagement involves consumers following the website of a particular brand (Le, 2021). In
44 this sense, their engagement in CSR may not be restricted to the activities per se but also apply
45 to their interaction with the information about those activities.

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51 Companies use different channels to convey their CSR messages and engage with consumers.
52 The most used are mass media, corporate offline and online channels, interpersonal
53 communication, and CSR reports (Lee *et al.*, 2019). However, the use of social media to
54 communicate CSR messages may enhance their effectiveness due to the ease with which
55 messages can be shared with general stakeholders (Chu *et al.*, 2020). Consumers therefore
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3 develop an active role in the dissemination of CSR information that leads them to engage with
4 the company by spreading its CSR messages.

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6 According to Lee *et al.* (2019), consumers are more aware of companies' CSR actions when the
7 information is communicated through social media (such as websites and SNSs), compared to
8 when companies use traditional media (such as television or CSR reports). On SNSs, consumers
9 are free to express their opinions about the CSR activities and the company without the latter's
10 consent (Chu *et al.*, 2020). Thus, social media, and especially SNSs, enables organizations to
11 deliver CSR messages and stories to different stakeholders and engage them in dialogue (Lee *et*
12 *al.*, 2019). In this context, consumers' engagement with CSR communication on social media is
13 a form of eWOM behavior as users receive, create, or share information about a brand's CSR
14 activities (Chu *et al.*, 2020). Based on this definition, previous studies (Sicilia *et al.*, 2020; Luarn
15 *et al.*, 2015) have measured consumers' engagement on SNSs through the intention to interact
16 with a message by clicking the "Like" button, commenting on, and/or sharing it. In this sense, if
17 the company targets a segment of engaged consumers with its CSR communication (Chu *et al.*,
18 2020), they will be willing to talk to others about the company's socially responsible activities.
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30 2.2 *The generation of corporate social responsibility associations*

31 CSR communication is a significant antecedent of consumers' CSR associations (Brown and
32 Dacin, 1997). These associations refer to consumers' perceptions of the company's commitment
33 to CSR (Lee *et al.*, 2019). They include consumers' knowledge about the company's "status and
34 activities with respect to its perceived social obligations" (Brown and Dacin 1997, p. 68). In sum,
35 consumers' CSR associations with a company could be considered their socially responsible
36 image of that company (Lee and Kim, 2017).
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40 The company will be interested in generating CSR associations to the extent that previous
41 literature has shown that they positively influence consumers' responses to the company's
42 products and its brands, such as a more positive view of the company (Pérez *et al.*, 2020), higher
43 brand involvement, and higher consumer-company identification (Liu *et al.*, 2014; Pérez *et al.*,
44 2020).
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50 Moreover, consumers exposed to communication about the company's CSR activities increase
51 their CSR awareness (Öberseder *et al.*, 2011). It is expected that subjects who are aware of a
52 company's CSR initiatives will have stronger associations regarding the CSR domains in which
53 the company is developing its activities (Badenes-Rocha *et al.*, 2019). In this context, social
54 media offers consumers additional opportunities to be aware of the company's CSR initiatives
55 (Lee *et al.*, 2019). Therefore, the communication of CSR messages through different social
56 media, such as social networks and company websites, will favor the generation of CSR
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3 associations. As such, we propose that the presence of information about the company's CSR
4 activities on the company website will favor more CSR associations. More specifically:
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8 *H1: The presence (vs. absence) of corporate social responsibility information on the company*
9 *website will positively influence the generation of CSR associations by consumers.*
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11 12 2.3. Motivations to share corporate social responsibility information online

13 The process of sharing any positive or negative comment about a product or company, which is
14 then available to many people and institutions online, is called eWOM (Hennig-Thurau *et al.*,
15 2004, p. 39). The eWOM literature has explored the motivations involved when consumers share
16 information about their consumption experiences (Berger, 2014; Hennig-Thurau *et al.*, 2004;
17 Chu *et al.*, 2019). However, there is scant research regarding consumers' intention to share other
18 types of information, such as information related to the company's CSR efforts (Chu *et al.*, 2020).

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eWOM literature have suggested that social factors (e.g., sociality and desire for social
interaction) and fundamental personality traits (e.g., need for self-enhancement) are key drivers
that impact consumers' decisions to engage in eWOM behavior (Chu *et al.*, 2019). These are
especially relevant to SNSs, as they represent an emerging form of socialization agent that
expedites the eWOM process because peers can connect and share information quickly and
easily (Chu *et al.*, 2020). Thus, in social media consumers create content, and read and comment
on public posts to enhance their self-presentation (Mishra *et al.*, 2018). According to Taylor *et al.*
(2012), by sharing a brand related message, consumers may transfer some meanings inherent
in the brand to their self-concepts. Taylor *et al.* (2012) considered self-enhancement as the key
issue to explain the sharing of online advertising. Similarly, and based on Social Identity Theory
(Tajfel *et al.*, 1971), Chu *et al.* (2019) identified the need for self-enhancement and a sense of
belonging as key factors explaining eWOM on the Chinese social network WeChat. More
recently, Ismagilova *et al.* (2020) also recognized personal and social status as antecedents of
eWOM-providing behavior.

Individuals may share CSR messages to use the positive perceptions of CSR to satisfy their
psychological needs, to manage the image others have of them, or even to establish
relationships with others on social media. In this sense, a recent study by Chu *et al.* (2020)
indicated that, due to the increasing interplay between CSR and social media, consumers'
eWOM-providing behaviors related to CSR are influenced by peers. This may be explained by
the Meaning Transfer Theory (McCracken, 1989) wherein the meaning of one object (i.e., CSR
information) may be transferred to another (i.e., the individual) and a positive shared
association is created from a well-developed relationship between the two (i.e., sharing this

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3 information on SNSs). That is, when an individual shares CSR information they are trying to
4 associate themselves with CSR meanings by a transfer of meanings. In sum, these meanings will
5 help individuals to manage their image for themselves and others and to establish relationships
6 with others. Therefore, based on previous research (Chu *et al.*, 2020; Chu *et al.*, 2019, Taylor *et*
7 *al.*, 2012), we propose that consumers share CSR information to undertake impression
8 management (self-enhancement and identity signaling) and based on their desire for social
9 interaction (social bonding).

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11 Impression management refers to “the process in which people try to manage and control other
12 people’s impressions of themselves” (Zhou *et al.*, 2020, p. 4). In essence, individuals would be
13 interested in sharing CSR messages principally because of how this information contributes to
14 the consumer needs for self-enhancement and identity signaling. Self-enhancement refers to
15 improving self-concept, which is, improving an individual’s image of themselves (Ho and
16 Dempsey, 2010). Thus, sharing meanings of themselves with others can contribute to an
17 individual’s positive self-image (Taylor *et al.*, 2012). In this sense, people share information that
18 makes them look good instead of portraying them in a negative way (Berger, 2014), and CSR
19 information falls into this category. Therefore, consumers’ perceptions about a company’s CSR
20 engagement may influence their intention to provide positive eWOM (Fatma *et al.*, 2020).

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22 In online environments, previous studies have shown that people talk more comfortably about
23 things that help their self-concept and improve their self-perception (Ho and Dempsey, 2010;
24 Packard and Wooten, 2013). It has been widely demonstrated in the context of e-tourist
25 platform use (e.g., Booking.com) that telling others about a satisfactory experience reinforces
26 the consumer’s self-concept of “smart shopper” (Chu *et al.*, 2019; Yang, 2017). However, they
27 are also more likely to identify with highly socially responsible activities to express ethical or
28 moral values that enhance their self-esteem (Fatma *et al.*, 2020). Based on this reasoning, we
29 propose that individuals with a higher number of CSR associations are more motivated to share
30 CSR messages on SNSs to enhance themselves. Therefore, we propose:

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49 *H2: As corporate social responsibility associations increase, consumers will be more motivated*
50 *to share corporate social responsibility messages based on self-enhancement.*

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53 Sharing information with others allows individuals to communicate specific identities, both to
54 themselves and others. According to Berger (2014), this enables individuals to have a better
55 image of themselves, which, when sharing it, they can also project to others. Therefore, identity
56 signaling explains why people are more likely to provide eWOM about some products or topics.
57 In this sense, talking about particular topics provides information about people’s preferences as
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3 others may infer that they have certain knowledge or concerns in a particular domain (Kim and
4 Ko, 2012).

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6 For CSR information, individuals may be motivated to share CSR messages because they can
7 project a desired identity to others. If someone talks about a CSR activity, others may infer that
8 they are socially responsible, ethical, and concerned with others' well-being. Self-identity
9 motivation is, therefore, a relevant behavioral driver in the context of both CSR and social media
10 (Hartmann *et al.*, 2021). As such, individuals with higher CSR associations with a particular brand
11 will be more motivated to share that brand's CSR messages to associate themselves with social
12 issues such as social welfare or ethical responsibility. Therefore, we propose:
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20 *H3: As corporate social responsibility associations increase, consumers will be more motivated*
21 *to share corporate social responsibility messages based on identity signaling.*
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24 In addition, sharing information may help people to connect with others (Rimé, 2009). According
25 to the Need to Belong Theory (Schutz, 1958), social inclusion is a personal need (Ho and
26 Dempsey, 2010). Nowadays, SNSs offer a very easy way to integrate with others who have
27 something in common and share information and thus become permanently connected with
28 them (Liu *et al.*, 2021; Gvili and Levy, 2018). "Likes" and "shares" associated with a post can serve
29 as positive social cues that signal the post's validity and others' collective endorsement (Chu *et*
30 *al.*, 2020; Kim and Xu, 2019). As a result, individuals are motivated to share a specific message
31 or associate themselves with that message (giving likes) if those behaviors increase their sense
32 of belonging to a community.
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35 The positive associations of CSR messages will foster individuals' motivation to share them for
36 social bonding reasons, that is, to be part of a community, as there is a high probability of other
37 individuals also showing a positive evaluation of this type of information. In addition, CSR
38 messages are related to emotional content (Lee and Chung, 2018). In this sense, sharing an
39 emotional story or narrative increases the likelihood of others feeling similarly (Berger, 2014).
40 Thus, individuals may enhance their connections with others by talking about CSR activities (Hall
41 *et al.*, 2021). We therefore contend that when CSR associations increase individuals will be more
42 motivated to share the CSR message for social bonding reasons. Thus, we propose the following
43 hypothesis:
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56 *H4: As corporate social responsibility associations increase, consumers will be more motivated*
57 *to share corporate social responsibility messages based on social bonding.*
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2.4. *The influence of motivations to share corporate social responsibility messages on consumers' engagement*

Companies are interested in increasing consumers' likelihood of spreading positive comments about their CSR communication campaigns. In other words, they are interested in improving the marketing performance of the CSR messages. In this sense, the literature has shown that specific behaviors such as likes, shares, and comments are easy measurements of brand engagement on social networks (Sicilia *et al.*, 2020).

While consumers' eWOM intention about CSR messages on social media is determined by the company's CSR efforts (Fatma *et al.*, 2020), research and companies will benefit from a greater understanding of the process by which consumer knowledge about the company's CSR commitment is converted into eWOM. Based on the rationale of the Meaning Transfer Model (McCracken, 1989), the actions of consumers on SNSs are associated with their endorsement of some particular content. For information related to the CSR activity of a company, clicking like, sharing the information, or making a comment are behaviors that help consumers to communicate who they are and to establish relationships with similar peers (Nelson-Field *et al.*, 2012). Therefore, this study proposes that when consumers are motivated to share CSR messages for self-enhancement, identity signaling, and social bonding, their engagement with CSR communication in social media will be higher. Thus, the following hypotheses are proposed:

H5: As self-enhancement motivation to share corporate social responsibility messages increases, consumers' engagement in corporate social responsibility communication will be higher.

H6: As identity signaling motivation to share corporate social responsibility messages increases, consumers' engagement in corporate social responsibility communication will be higher.

H7: As social bonding motivation to share corporate social responsibility messages increases, consumers' engagement in corporate social responsibility communication will be higher.

The proposed conceptual model is presented in Figure 1.

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3. Methodology

3.1 Study design and data collection

We used a one-factor between-subjects experimental design, with the presence of CSR information on the company website manipulated (presence vs. absence). The sampling procedure consisted of a non-probabilistic, convenience sampling method (Malhotra *et al.*, 2017; Mo *et al.*, 2018). A total of 181 undergraduate students enrolled at a university in

southeastern Spain participated for extra course credit. The data were collected in December 2017. Students from several undergraduate marketing courses were contacted and instructed to go to a computer lab to participate in the study.

Several key decisions were made when generating appropriate stimuli for the experiment. First, we had to select a company that conducted CSR activity. eWOM has a strong impact in hospitality-related industries (Hernández-Maestro, 2020) as they market intangible services that cannot be evaluated before the consumption experience, such as restaurant services (Jeong and Jang, 2011). 80% of consumers in Spain search online reviews before choosing a restaurant (Esteve, 2018) and 50% visit its website first (Fundación Cruzcampo, 2018). In addition, bars and restaurants are usually frequented by young university students (in Spain 64.3% of visits are made by individuals aged between 18 and 34) (Esteve, 2018). This is congruent with the age range of social network users in Spain, who are mainly young people aged between 16 and 24 (IAB Spain, 2020). Therefore, we selected a restaurant as the research context.

Second, to select a specific restaurant, a pretest was conducted with 40 students from the same university. We asked them to list the restaurants they had visited with their friends and their opinions about them. Among them, we selected a regional chain of restaurants. We also checked that the restaurant had its own online media: website and a profile on the main social networks: Facebook, Instagram, and Twitter.

The third decision related to the CSR action to be associated with the company. CSR activities are usually connected with the core business of the company (de Jong and van der Meer, 2017). In this sense, Jochim *et al.* (2015) supported the need for quick-service restaurants to closely fit with the makeup of the community in which they are located, attending to the social factors. Therefore, the CSR activity designed was the donation of 10 daily meals to a well-known charity foundation in the city.

We introduced the CSR information in an ad hoc and offline replica version of the company's website. We created two stimuli based on the corporate website (Badenes-Rocha *et al.*, 2019). In one of the ad hoc websites, the subjects were exposed to a message describing the restaurant's CSR initiative: "The restaurant is collaborating with 'XXXX Foundation' by donating 10 daily meals." For the other website stimulus, there was no CSR information. All other aspects remained constant.

3.2. Procedure

First, the participants were informed of the purpose of the study. They were then asked about their attitude toward quick-service restaurants and whether they knew "XXXX restaurant." Once the individuals had confirmed that they knew it, the following instruction was given: "Imagine

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3 that you are planning to go out with your friends for dinner and you visit 'XXXX restaurant'
4 website to see the menus it offers. This is the image that you find on the first screen." After this,
5 they were randomly assigned to one of the two stimuli. Subsequently, the participants
6 completed the questionnaire.
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10 11 3.3. Measures

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13 Seven-point Likert scales were adapted from the literature to measure the constructs used in
14 this study. Consumers' CSR engagement on social media was measured with four items adapted
15 from Eelen *et al.* (2017). Motivation based on the need for self-enhancement was measured
16 using seven items adapted from Packard and Wooten (2013) and Hennig-Thurau *et al.* (2004).
17 Motivation based on the need for identity signaling was measured using three items adapted
18 from Berger and Heath (2007). Motivation based on the need for social bonding was measured
19 with seven items adapted from Hennig-Thurau *et al.* (2004) and Wetzler *et al.* (2007). Finally,
20 following Brown and Dacin (1997), CSR associations were measured using four items.

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22 Regarding the control variables, attitude toward the restaurant was measured with five items in
23 a seven-point differential semantic scale based on Gardner (1985). A manipulation check was
24 also carried out asking individuals to recall the scenario assigned to them and then indicate
25 whether or not information about CSR activities appeared on the restaurant website. A dummy
26 variable in the database for each participant indicated whether they saw the website stimuli
27 with (1) or without (0) CSR information.
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38 4. Results

39 4.1 Sample characteristics and manipulation check

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41 The age of the participants ranged from 18 to 45 years. The mean age was 22.77 years and
42 57.46% of the participants were male. No significant differences were found among the
43 experimental conditions for these variables ($p > 0.10$). In addition, the participants showed a
44 good attitude toward restaurants ($M = 5.46$, $SD = 1.26$, $\alpha = 0.96$) and the majority (89.5%) had
45 visited the specific restaurant and showed a good attitude toward it ($M = 5.63$, $SD = 1.22$, $\alpha =$
46 0.95). The subjects spent more than three hours a day on social media ($M = 4.76$) and also had
47 a very positive attitude towards CSR-related issues ($M = 6.21$, $SD = 1.09$, $\alpha = 0.93$).
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57 To control for the manipulation, we evaluated the extent to which the participants recalled the
58 scenario to which they were assigned; most of them did recall it (86%). The majority of the
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3 participants (75%) also responded that they “agreed” that “XXXX restaurant” donated or
4 collaborated with the “XXXX Foundation.” Finally, 88% of the participants correctly pointed out
5 that the CSR action developed by “XXXX restaurant” was “food donation.”
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10 4.2 Common method variance

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12 Common method bias was assessed to ensure the validity of the study results. It can be avoided
13 using appropriate procedural and statistical techniques (Malhotra *et al.*, 2017; Mo *et al.*, 2018).
14 Regarding the procedural techniques, several remedies were implemented: (1) the
15 questionnaire was pretested, (2) the participants were informed that their answers would be
16 treated anonymously, (3) the participants were told that there were no right or wrong answers,
17 and (4) they were encouraged to answer questions as honestly as possible (Malhotra *et al.*,
18 2017). Second, regarding the statistical techniques, we modeled all items as indicators of a single
19 factor representing the common method effect. Confirmatory factor analysis (CFA) showed very
20 poor fitness ($\chi^2[252] = 1706.018$, $p = 0.000$, NNFI = 0.576, IFI = 0.611, CFI = 0.556, TLI = 0.576,
21 RMSEA = 0.196, SRMR = 0.128) compared with the original measurement model. These results
22 suggested that common method bias was not a concern in this study.
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33 4.3 Scale validation

34
35 The unidimensionality of each construct was assessed via CFA using the R package *lavaan*
36 (Rosseel, 2012) and *semTools* (Jorgensen *et al.*, 2018). The fit of the measurement model was
37 acceptable ($\chi^2 [242gl] = 555.087$ ($p = 0.000$), $\chi^2/df=2.293$, RMSEA=0.085, SRMR=0.075,
38 CFI=0.917, NNFI=0.905, GFI=0.766, NFI=0.862) (Iacobucci, 2010). Despite this, one item (“I feel
39 like a more knowledgeable person”) from the scale of motivation based on the need for self-
40 enhancement showed a factor loading of 0.419. Following Bagozzi and Heatherton’s (1994)
41 suggestions, the item was eliminated, and a second CFA was run. In this analysis, we found two
42 items with factor loadings below 0.7 but did not remove these items as the composite reliability
43 (CR) and average variance extracted (AVE) coefficients of the corresponding scales were
44 acceptable, and both factor loadings were significant ($p < 0.001$) (Bagozzi and Heatherton, 1994).
45 All of the Cronbach’s alpha and CR coefficients were greater than 0.70 (Hair *et al.*, 1994).
46 Additionally, we found a large error covariance between items *motsb1* and *motsb2*. Following
47 Höllig *et al.* (2020), we added one error covariance. The new CFA model fit the data better (χ^2
48 $[219gl] = 428.026$ ($p = 0.000$), $\chi^2/gl = 1.95$, RMSEA = 0.073, SMRS = 0.076, CFI = 0.944, NNFI =
49 0.935, GFI = 0.802, NFI = 0.892).
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Regarding discriminant validity, two approaches were used. First, the AVE for each construct was compared with the squared correlation between construct pairs (Hair *et al.*, 1994). Table III shows that, for all measures, the AVE exceeded the squared correlations. Second, the confidence interval was calculated at plus or minus two standard errors around the correlation between the factors (Hair *et al.*, 1994). None of the confidence intervals in the analysis included 1. These two tests provided evidence for the discriminant validity of the measures.

-Insert Table II around here-

-Insert Table III around here-

4.4 Multivariate analysis

To test H1 to H7, a structural equation modeling approach was applied using the R package *lavaan*. The structural model's fit to the data was acceptable ($\chi^2 [220\text{gl}] = 380.647$, $\chi^2/\text{gl} = 1.730$, $p = 0.000$, RMSEA = 0.064, SRMR = 0.081, CFI = 0.954, TLI = 0.948, NNFI = 0.948, GFI = 0.828, NFI = 0.899. RMR = 2.11).

As is shown in Table IV, we first checked whether the company website that contained CSR information generated more CSR associations than the company website with no CSR information (with the dummy variable CSR information). The results indicate a positive and significant effect ($\beta = 2.242$; $z = 10.448$; $p = 0.000$), which supports H1. We also found a positive and significant effect of CSR associations on the motivations based on the need for self-enhancement (H2: $\beta = 0.150$; $z = 3.709$; $p = 0.000$), identity signaling (H3: $\beta = 0.263$; $z = 3.753$; $p = 0.000$), and social bonding (H4: $\beta = 0.069$; $z = 1.661$; $p = 0.097$), which supports H2, H3, and H4 (partially). Further, consistent with hypotheses H5 and H7, we found a positive relationship between the motivations based on the need for self-enhancement and the need for social bonding on consumers' CSR engagement on social media (H5: $\beta = 0.816$; $z = 6.052$; $p = 0.000$) (H7: $\beta = 0.202$; $z = 1.831$; $p = 0.067$), respectively. Therefore, H5 is fully supported and H7 partially supported.

However, the results indicate no influence of the motivation based on the need for identity signaling on consumers' CSR engagement on social media (H6: $\beta = -0.145$; $z = -1.166$; $p = 0.244$). In addition, to improve the adjustment of the model we found a positive influence of the motivation based on the need for identity signaling on the need for self-enhancement ($\beta = 0.631$; $z = 10.793$; $p = 0.000$) and the need for social bonding ($\beta = 0.436$; $z = 6.978$; $p = 0.000$).

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3 Logically, there is a positive and significant relationship between self-enhancement and identity
4 signaling as both are ways to facilitate impression management (Berger, 2014). In addition, the
5 motivation to share CSR messages to portray a desired identity to others is intimately related to
6 the establishment of social bonding. The hypothesized relationship results are shown in Figure
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13 -Insert Figure 2 around here-

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15 -Insert Table IV around here-

16 17 18 **5. General discussion**

19
20 Drawing on the literature on the antecedents of eWOM and CSR, this study proposes that
21 communicating CSR information on a company website increases consumers' CSR associations
22 and their engagement with the CSR messages on SNSs. Our results provide insights into the
23 fundamental personality traits and social relationship motivations that explain consumers'
24 engagement with CSR on social media. In particular, we demonstrated the key role of self-
25 enhancement and social bonding in explaining the intention to share CSR information on social
26 media.
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32 First, our results show the potential contribution of social media, in particular a company
33 website, to the generation of CSR associations. Thus, according to Badenes-Rocha *et al.* (2019)
34 and the seminal work of Brown and Dacin (1997), individuals who are aware of a company's CSR
35 initiatives through its website will have stronger associations regarding that company's CSR
36 activities. In this sense, the website emerges as a suitable tool for communicating CSR activities
37 and therefore generating CSR associations.
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43 Second, and aligned with previous studies on eWOM motives but specifically applied to CSR for
44 the first time in literature, we have found that motivations based on the need for self-
45 enhancement and the need for social bonding are antecedents of consumers' engagement in
46 CSR communication. Thus, our results extend previous findings about the role of self-
47 enhancement and social bonding (Chu *et al.*, 2019; Mishra *et al.*, 2018; Taylor *et al.*, 2012) in
48 explaining eWOM intention. In this sense, CSR information helps individuals to achieve certain
49 personal gratification such as self-enhancement, and to establish relationships with peers.
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57 *5.1 Theoretical implications*

58 Unlike many other studies on CSR communication, this research focuses on analyzing consumer
59 involvement in such communication and not solely on assessing the determinants of consumers'
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3 attitudes toward CSR communication (Pérez *et al.*, 2020; Chu *et al.*, 2020; Liu *et al.*, 2014). Thus,
4 while other studies concentrated on the message appeal, message content, or information
5 source as antecedents of consumers' perception of CSR actions (Pérez *et al.*, 2020), this study
6 analyzes the role of consumers in the dissemination of CSR information. To the extent that CSR
7 communication has become an important field of study in corporate communication (Yang *et al.*,
8 2020), this study contributes to the existing body of knowledge.

9
10 eWOM is an important but understudied construct in the CSR literature (Chu *et al.*, 2020). In line
11 with Chu and Chen (2019) and Chu *et al.* (2020), eWOM is a key consequence of consumers'
12 engagement with companies' CSR activities on social media. While previous studies have cited
13 brand credibility, brand attitude, and consumer brand identification as antecedents of eWOM
14 behavior (Chu and Chen, 2019), this study has focused on self-serving motives to explain the
15 phenomenon. The nature of SNSs certainly tends to favor individuals' behavior in this online
16 environment (i.e., likes, comments, and shares) as being guided more by their own motivations.

17
18 In this regard, the study contributes to the previous literature on eWOM participation motives.
19 We have extended previous knowledge that identified self-enhancement as an important
20 motive for eWOM-providing behavior (Taylor *et al.*, 2012, Mishra *et al.*, 2018, Berger, 2014).
21 Self-enhancement is also an important motive for CSR information sharing to the extent that
22 consumers can endorse CSR information as a means of transferring the positive associations of
23 CSR to themselves. Thus, the Meaning Transfer Theory (McCracken, 1989), which has
24 traditionally been used to explain consumer endorsement of products, brands, or celebrities, is
25 also useful in the CSR domain. In addition, social bonding has traditionally been identified as an
26 important antecedent of eWOM behavior (Chu *et al.*, 2019, Berger, 2014), insofar as connection
27 with others is inherent in SNSs. This study has shown that CSR information will be shared to
28 establish relationships with others on social media. The Need to Belong Theory (Schutz, 1958),
29 which has been used to explain the presence of individuals in brand communities and eWOM
30 behavior (Sicilia *et al.*, 2016), helps us to explain the use of CSR information to create social
31 bonding with others.

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5.2 Managerial implications

These findings have significant implications for corporate communications professionals and managers working for companies that conduct social responsibility initiatives. First, they highlight the importance of communicating the company's CSR outcomes, but also the relevance of including CSR information in the company's social media tools to improve the visibility of its CSR efforts (Ballester *et al.*, 2021; Pérez *et al.*, 2020).

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3 In addition, managers need to consider the key role of consumers in disseminating information
4 about CSR activities. Individuals will be interested in sharing this type of information because it
5 can improve the image they have of themselves, as well as the image they project to others,
6 which is an essential element in establishing and maintaining social relationships with them. As
7 Chu *et al.* (2020) suggested, it is critical to create CSR campaigns that individuals find likable and
8 shareable. This will happen if the campaigns help individuals to establish relationships with
9 others and express themselves.
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15 16 5.3 Limitations and future research directions

17 The study has several limitations. First, it was based on a short, single data collection conducted
18 in Spain. Therefore, the results may not be generalizable to other countries in which CSR
19 awareness might be different. Future research may thus expand the boundaries of these findings
20 to improve their generalizability. A second limitation relates to the experimentation
21 methodology and stimuli design (Kim, 2019). A fictitious scenario was created in which the
22 participants imagined that they were going to dinner with friends. A field study in a natural
23 setting could optimize the effects of the manipulation. Third, the study considered only one
24 economic sector, restaurant chains, and one CSR action. Therefore, another economic sector
25 could generate comparable results. Fourth, it is worth mentioning that while we used an
26 experiment, the manipulated factor was hypothesized to influence only one variable in our
27 model. Fifth, we limited the study to analysis of whether the presence of CSR information would
28 motivate consumers to engage with it; however, we did not consider the specific form or type
29 of information that would be critical in motivating consumers, or the best way of presenting the
30 information. Finally, we found marginally support for the hypotheses related with the
31 motivation based on need for social bonding. Further research should explore the role of social
32 bonding in the intention to share CSR information.
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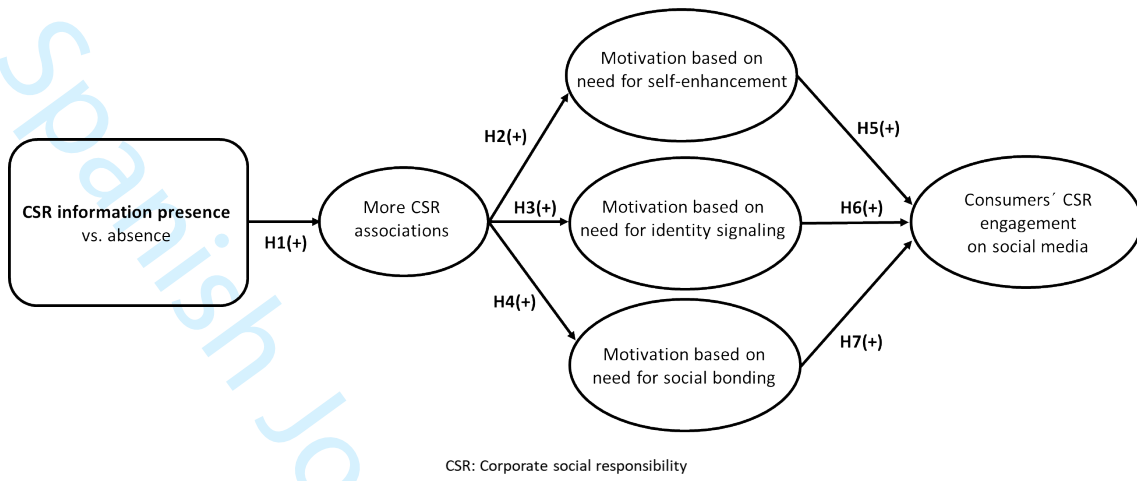
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19 Note: Study design availability upon (reasonable) request.

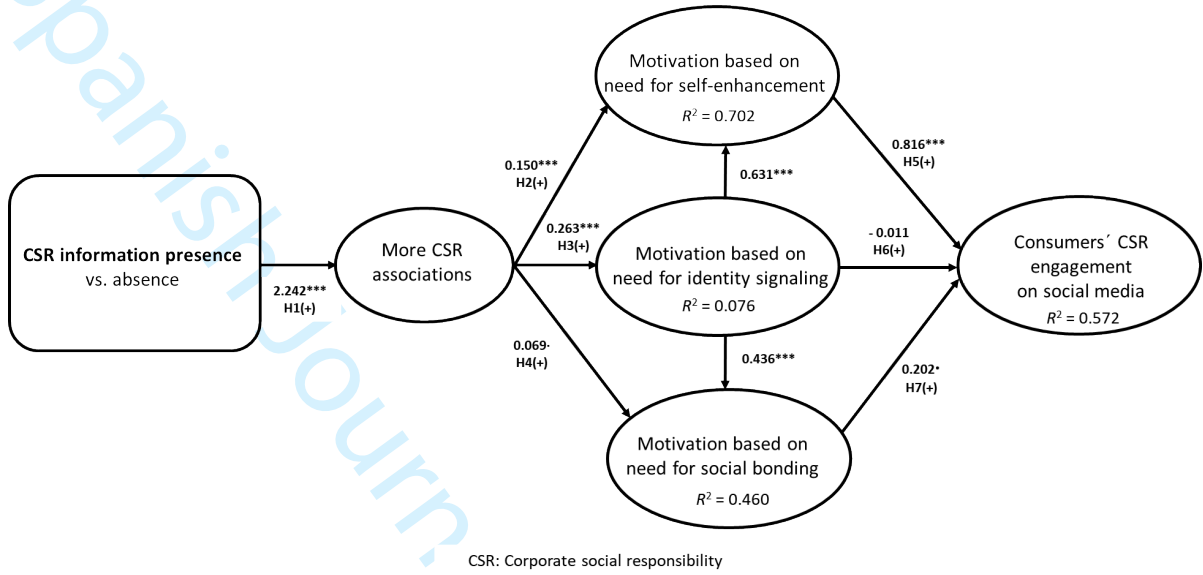
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21 Corresponding author: cxaguirre@ucam.edu

Figure 1.
Hypothesized relationships



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Figure 2.
Results for the hypothesized relationships



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Table I.
Demographics of the participants

Variable	Frequency	(%)
<i>Gender</i>		
Male	104	57.46
Female	77	42.54
<i>Total</i>	181	100
<i>Age</i>		
19 – 25	161	88.95
36 – 45	20	11.05
<i>Attitude toward the category restaurants</i> $\alpha = 0.96$		
1 – 3	20	11.05
4 – 7	161	88.95
<i>Visit the specific restaurant</i>		
Yes	162	89.50
No	19	10.50
<i>Attitude toward the restaurant</i> $\alpha = 0.95$		
1 – 3	14	7.73
4 – 7	167	92.24
<i>Total</i>	181	100

Table II.

Measurement model evaluation

Construct/Items	Loadings	SD
<i>Consumers' CSR engagement on social media adapted from Eelen et al. (2017)</i>		
CA: 0.834; CR: 0.840; AVE: 0.570		
I will share the publication on social networks.	0.836	0.037
I will send a message to my contacts with a comment on this publication.	0.759	0.043
I will like this publication.	0.688	0.040
I will comment on this publication.	0.727	0.058
<i>CSR associations adapted from Brown and Dacin (1997)</i>		
CA: 0.957; CR: 0.959; AVE: 0.853		
The restaurant directs part of its budget to social causes.	0.924	0.015
The restaurant shows its commitment towards society.	0.947	0.014
The restaurant is socially responsible.	0.886	0.025
The restaurant supports a good cause.	0.936	0.018
<i>Motivation based on the need for self-enhancement adapted from Packard and Wooten (2013) and Hennig-Thurau et al. (2004)</i>		
CA: 0.922; CR: 0.926; AVE: 0.678		
Sharing the information boosts my self-esteem.	0.928	0.014
Sharing the information leaves me feeling good about myself.	0.934	0.012
By sharing the information I can express my joy about a good restaurant.	0.822	0.036
I feel good when I can tell others I visited the restaurant.	0.765	0.036
By sharing the information I can tell others about a great initiative.	0.682	0.044
Sharing the information makes me feel like a clever person.	0.781	0.038
<i>Motivation based on the need for identity signaling adapted from Berger and Heath (2007)</i>		
CA: 0.912; CR: 0.914; AVE: 0.781		
By sharing the information I can tell others about my likes.	0.850	0.024
By sharing the information I can express my identity.	0.914	0.022
By sharing the information I allow others to know about me.	0.886	0.026
<i>Motivation based on the need for social bonding adapted from Hennig-Thurau et al. (2004) and Wetzler et al. (2007)</i>		
CA: 0.929; CR: 0.921; AVE: 0.666		
Sharing the information allows me to interact with people who have the same interests as me.	0.664	0.050
By sharing the information I can chat with people like me.	0.754	0.037
Sharing the information allows me to start a conversation.	0.727	0.039
Sharing the information I wanted to strengthen the bond with my conversation partner.	0.948	0.013
By sharing the information I hoped to get closer to my conversation partner.	0.965	0.008
By sharing the information I wanted to let my conversation partner know that he/she is important to me.	0.795	0.057
Notes: CA: Cronbach's Alpha; CR: Composite Reliability; AVE: Average Variance Extracted, SD: Standard Deviation.		

Table III.
Discriminant validity measures

Construct	Mean	1	2	3	4	5
1. Consumers' CSR engagement on social media	3.03	0.570	0.117; 0.433	0.624; 0.808	0.446; 0.694	0.40; 0.676
2. CSR associations	4.59	0.076	0.853	0.316; 0.552	0.134; 0.438	0.152; 0.452
3. Motivation based on the need for self-enhancement	2.81	0.513	0.191	0.678	0.678; 0.838	0.487; 0.727
4. Motivation based on the need for identity signaling	3.22	0.325	0.082	0.572	0.781	0.546; 0.762
5. Motivation based on the need for social bonding	3.15	0.289	0.096	0.379	0.445	0.666

Notes: AVE along the diagonal. Squared correlation coefficients below the diagonal. Confidence intervals above the diagonal.

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Table IV.
Summary of Results

Hypotheses	β	SD	z	Result
H1 The presence of corporate social responsibility information → More corporate social responsibility associations	2.242***	0.215	10.448	Supported
H2 More corporate social responsibility associations → Motivation based on the need for self-enhancement	0.150***	0.041	3.709	Supported
H3 More corporate social responsibility associations → Motivation based on the need for identity signaling	0.246***	0.066	3.752	Supported
H4 More corporate social responsibility associations → Motivation based on the need for social bonding	0.069·	0.042	1.661	Supported
H5 Motivation based on the need for self-enhancement → Consumers' corporate social responsibility engagement on social media	0.819***	0.135	6.052	Supported
H6 Motivation based on the need for identity signaling → Consumers' corporate social responsibility engagement on social media	-0.145	0.125	-1.166	Not supported
H7 Motivation based on the need for social bonding → Consumers' corporate social responsibility engagement on social media	0.202·	0.110	1.831	Supported

Notes: SD: Standard Deviation. ***p<0.001; **p<0.01; *p<0.05; ·p<0.1