RESEARCH ARTICLE



The impact of corporate social responsibility on customer loyalty in hypermarkets: A new socially responsible strategy

Pedro Cuesta-Valiño 1 Pablo Gutiérrez Rodríguez 1 Estela Núñez-Barriopedro 1

Correspondence

Estela Núñez-Barriopedro, Universidad de Alcalá, 0034 657254224. Plaza de la Victoria s/n, 28802 Alcalá de Henares, Spain. Email: estela.nunezb@uah.es

Abstract

The purpose of this paper is to contribute to knowledge on the impact of corporate social responsibility (CSR) activities on retailers' performance (hypermarkets). An analysis using a comprehensive conceptualization of CSR reveals that CSR has positive implications for hypermarkets' performance and illustrates which CSR dimensions are the most important to focus on. For this purpose, this study enhances its empirical validity by collecting data from 667 respondents in Spain and testing the hypothesis applying partial least squares structural equation modeling. The study finds that CSR is positively influencing customer loyalty, and customer satisfaction, image, and quality also intervened in their relationships. In particular, a new finding of the study highlights the importance of the mediating role played by image and quality in enhancing the effect of CSR on satisfaction. The research findings provide useful insights into how hypermarkets should develop a CSR strategy that would enhance customer loyalty.

KEYWORDS

wileyonlinelibrary.com/journal/csr

corporate social responsibility, image, loyalty, quality, retail, satisfaction, socially responsible, sustainable development

1 | INTRODUCTION

The proliferation of hypermarkets, together with the restructuring they have undergone in recent years, makes it necessary to develop new models of sustainable management and innovation (Ardito, Carrillo-Hermosilla, del Río, & Pontrandolfo, 2018) that include aspects of improving image and customer loyalty. In Spain, as in the rest of Europe, the hypermarket has been shown to be a successful retail format. The increasing number of new hypermarkets being opened, far more than had been predicted, is proof of this success (Cuesta & Gutiérrez, 2010).

However, certain retail formats that compete with them—whether on price (discount shops), on location and services (supermarkets), on opening hours (convenience stores), or in terms of range (large specialized stores)—are becoming stronger. As a result, although the number of hypermarkets has continued to grow, their market share has shrunk considerably. Opening new hypermarkets is no longer a sufficient strategy for growth, so the chains will have to develop new growth strategies.

It seems reasonable to consider the inclusion of the management of corporate social responsibility (CSR) in hypermarkets' overall strategy. This may be possible on the basis of the idea that efforts firms make to increase CSR will be repaid by consumers (Schramm-Klein, Morschett, & Swoboda, 2015) as a result of improved image (Carrillo-Hermosilla, del Río, & Könnölä, 2010; Elg & Hultman, 2016; Razalan, Bickle, Park, & Brosdahl, 2017; Wang, Hsieh, & Sarkis, 2018) or quality (Brunninge & Fridriksson, 2017; McWilliams, Siegel, & Wright, 2005; Sureshchandar, Rajendran, & Anantharaman, 2002).

However, literature on the antecedents and outcomes of CSR that focuses on consumer behavior is still scarce, and thus little is known about the significance of CSR for these stakeholders, about their perceptions of it (Maignan & Ferrell, 2004; Sen & Bhattacharya, 2001) or about the influence that the dimensions of CSR have on variables such as image, quality, satisfaction, and loyalty. It is true that some investigations have shown that CSR exerts a positive influence on certain variables related to consumer behavior, such as attitudes to the firm

¹Economía y Dirección de Empresas, Universidad de Alcalá, Alcala de Henares,

²Dirección y Economía de la Empresa, Universidad de León, León, Spain

and its brands (Brown & Dacin, 1997), the general evaluation of the firm (Kim, Ha, & Fong, 2014; Mohr & Webb, 2005), consumer–firm identification (Hildebrand, Sen, & Bhattacharya, 2011), or brand image and loyalty (Cotte & Trudel, 2009). However, in no case have the effects of CSR been studied simultaneously in the context of a global model that may determine their influence on consumer loyalty.

It is therefore necessary to gain more in-depth knowledge of both the perceived dimensions of CSR and their possible relationships with the variables that influence consumer loyalty to hypermarkets. The principal objective of this research is thus to determine the influence that the economic, ethical-legal, and discretionary dimensions of CSR ultimately have on brand image, quality, satisfaction, and loyalty.

2 | THEORETICAL FRAMEWORK

2.1 | Evolution of the concept of CSR

Over the years, the idea that corporations should participate in improving society, over and above the minimum requirements established by their legal or economic responsibilities, has been consolidating (Carroll, 1979; Jamali & Mirshak, 2007; McGuire, 1963), and thus the concept of social responsibility has arisen. The debate on the content of socially responsible behavior has been ongoing since the '60s, when McGuire (1963) supported the idea that the corporation has not only economic and legal obligations but also certain responsibilities to society, which extend beyond these obligations. The stakeholder theory defines its field of action when it states that a corporation do not have responsibilities towards society in general and that they should only be concerned about individuals or groups that may be directly or indirectly affected by their activity (Clarkson, 1995). In more modern definitions, CSR acquires strategic relevance; expenditures on strategic CSR activities should properly be viewed as investments because some of the most successful corporations are also among the most socially responsible. The profit maximization and CSR will become increasingly inseparable, and the socially responsible activities should achieve a sustainable competitive advantage (Hildebrand et al., 2011; Porter & Kramer, 2011; Souza-Monteiro & Hooker, 2017; Tofighi & Onur Bodur, 2015; Wood, 2010).

Regarding its dimensions and taking into account the definitions of social responsibility that state that companies must make a profit, obey the law, and go beyond mere compliance with laws, Carroll (1979) prepared a model of the four dimensions—economic, legal, ethical, and philanthropic-a model that has been widely accepted and used (Lewin, Sakano, Stephens, & Victor, 1995; Maignan & Ferrell, 2001). The model proposed by Graafland, Eijffinger, and Smid (2004) is along the same lines. They only consider three dimensions: the economic dimension, related to product sales and marketing; the social, linked to ethics, both internal and external to the company; and the ecological, which covers behaving in an environmentally responsible manner. We should finally highlight a set of studies that relate social responsibility to the development of marketing activities that have a social dimension (Galbreath, 2010), including protecting the environment, investing in the community, conserving resources, and altruistic donations (Quazi & O'Brien, 2000). These approaches, however, seem to focus on specific aspects and overlook the concept's multidimensional nature (Maignan & Ferrell, 2004; Seifert, Morris, & Bartkus, 2003). In this regard, Derwall, Koedijk, and Horst (2011) comment that "CSR is multidimensional and partially subjective, and investors lack appropriate tools for measuring the practices and their effects on a firm's fundamental value."

In order to resolve possible problems regarding the measurement and excessive importance of any one dimension, a new approach has arisen for measuring the image of CSR, namely, that of stakeholders. According to this proposal, CSR actions should preferably be classified as a function of the interest groups or stakeholders that benefit most from them, which may be consumers, employees, shareholders, society, the environment, and the market (Decker, 2004).

It is therefore interesting to measure the relationships between CSR and other variables, based on the perceptions of some of the stakeholders, such as perceived quality, image, satisfaction, and loyalty, as measured from consumer opinions.

2.2 | Social responsibility as the antecedent to loyalty and valuing service

Acting in a socially responsible manner may increase trust and the feeling of connection to a company (Aaker, 1996; Ahearne, Bhattacharya, & Gruen, 2005), so social responsibility can influence loyalty (Arli & Lasmono, 2010; Jones, Mothersbaugh, & Beatty, 2000; Maignan & Ferrell, 2001; Shin & Thai, 2015; Sureshchandar et al., 2002).

Consumers can be said to be loyal to a brand when they show a commitment to buy a product or service again in the future and when they are not affected by situational influences or by other companies' marketing efforts aimed at getting them to change brands (Oliver, 1999). This definition emphasizes the two basic aspects of loyalty, regarding behavior and attitude (Jones & Taylor, 2007; Oliver, 1999; Reichheld, 2003).

The behavioral component of loyalty is linked to repeat purchases of a product, (Chaudhuri & Holbrook, 2001). Although there are authors who have measured loyalty solely on the basis of this component (Jones et al., 2000), this approach has been criticized. A consumer may buy a product randomly, due to a lack of alternatives, (Bendapudi & Berry, 1997) convenience (Bloemer & Kasper, 1995), or price, without this implying true loyalty (Colombo & Morrison, 1989). Loyalty therefore requires commitment, understood as the consumer's trust, appreciation, or desire to maintain the relationship or purchase the same brand.

On the other hand, an attitudinal approach to loyalty refers to a certain degree of commitment to the brand (Chaudhuri & Holbrook, 2001) and proposes that to measure consumers' true loyalty, their preferences or behavioral intentions must be collected (Bloemer & Kasper, 1995). This feeling of loyalty corresponds to a positive attitude towards the company that has been generated by an internal evaluation process (Bloemer & Kasper, 1995), which is reflected in recommending a product or brand to other people (Reichheld, 2003; Selnes, 1993) and in other cognitive aspects (Lee & Cunningham, 2001), such as price tolerance (Martin, Ponder, & Lueg, 2009) or being

the brand that would be chosen first from a series of alternatives (Ostrowski, O'Brien, & Gordon, 1993).

2.3 | Image for retailers

The relationship—direct and positive—between CSR and image has been proposed in the literature (Mohr & Webb, 2005; Polonsky & Jevons, 2006). From an empirical point of view, Brown and Dacin (1997) and Klein and Dawar (2004) show that the firm's social image has a positive effect on the evaluation of their products. However, although it is not logical that an essential part of a concept is excluded when studying its causal indicators (Diamantopoulos & Winklhofer, 2001), it seems logical to think that if the concept in question (in this case, CSR) theoretically has an influence on other variables (which for us are image and quality), each of the dimensions of which it is composed may also do so.

If we focus on the case of retailers, image has been treated conceptually in order to define the different dimensions of which it is composed, considering it to be an essential element for ensuring customer loyalty when meeting their needs. Image, as one of the controllable marketing decisions, will influence both the decisions taken on a retailer's marketing strategy and the retailer's market position (Martin et al., 2009).

In this context, store image is a combination of the factors, whether tangible or functional or intangible or psychological, that consumers perceive as required in retail outlets (Dickson & MacLachlan, 1990). From another point of view, store image is a set of attitudes based on the evaluation of those attributes that are considered important by the consumers (James, Durand & Dreeves, 1976). Dichter (1985; p. 75) continues with a holistic/gestalt-based approach, establishing that store image is "... the total impression an entity makes on the minds of others."

Along the same lines, other authors (Ahearne et al., 2005) base themselves on the consumer's perception of the most significant aspects of the organization, as perceived externally (the construed external image). They hold that consumer identification with a company is likely to be stronger when relevant others, who act as a reference, have high opinions of it.

Lastly, it is also thought that another important implication of image is the influence it has on retailer decision making, as to when, where, and how to set up and manage their retail establishments (Severin, Louviere, & Finn, 2001).

Definitions of store image overlap, as they include both tangible and intangible aspects of the perceptual process, together with the cognitive and affective dimensions that contribute to forming store image.

2.4 | Quality and satisfaction

The concept of service quality has been studied extensively, with Grönroos (1994) considering that a favorable and well-known image is an advantage for any organization, because this has considerable influence on customers' perceptions.

The concept of perceived quality includes, on the one hand, a technical part, that of the processes of production and marketing—

functional quality (Grönroos, 1994)—and also a relational part, involving interpersonal contact and the delivery of the service itself—relational quality (McDougall & Levesque, 2000).

Determining service quality (Parasuraman, Zeithaml, & Berry, 1994) and measuring consumer satisfaction are concepts that are closely related—both theoretically and intuitively—to image, so extending our knowledge of this construct will contribute to the development of quality systems for hypermarkets.

One can also suppose that social responsibility has an indirect influence on loyalty, through quality. Thus, Sureshchandar et al. (2002) consider that ethical behavior can be seen as one more component of service quality. Accordingly, social responsibility can be understood to be part of the relational quality of a service (Lindgreen, Swaen, & Johnston, 2009). Furthermore, appropriate social behavior is associated with brand value (Parasuraman et al., 1994; Zdravkovic, Magnusson, & Stanley, 2010) and generates a feeling that the company is trustworthy and honest, which allows consumers to infer a higher quality of service (McWilliams et al., 2005). The different dimensions of CSR identified in research into firms' social responsibility will thus contribute in their own right to improving the overall evaluation of the company.

Loyalty is thus dependent on satisfaction, acting as an antecedent to it (Oliver, 1999; Bloemer & Kasper, 1995; McDougall & Levesque, 2000; Lewis, 2004; Chang & Tu, 2005; Li & Green, 2011). Furthermore, a satisfied client is more likely to buy the product again (Baker & Crompton, 2000; Mao, 2010; Oliver, 1999; Olsen & Johnson, 2003; Selnes, 1993; Yoon & Uysal, 2005) and to recommend it, initiating positive word of mouth with other consumers (Homburg & Giering, 2001; Olsen & Johnson, 2003).

3 | METHODOLOGY OF THE RESEARCH

This work aims to develop a model that explains the possible relationships that allow us to determine the importance of the link between the concepts of CSR and customer loyalty. Specifically, the variables that explain CSR are analyzed, and their direct and indirect relationships with the concept of loyalty are studied.

People from different ages were selected randomly at diverse Spanish hypermarkets. The survey was completely voluntary and the participants received no compensation for answering the questionnaire. The total sample was formed by 667 individuals. With the aim of covering a representative part of Spain, a sample of 18 different-sized cities with different hypermarket brands in their areas was selected. The sample consisted of people over 18 who are responsible for doing the shopping for their homes and who have made purchases in this type of retail outlet at some time.

The questionnaire has two main sections. In the first part, the data collected focuses on the consumers' demographic characteristics and their behavior. The second part examines the dimensions of CSR: quality, image, satisfaction, and loyalty. The five-point Likert scale was used to measure these dimensions (1—Strongly disagree; 2—Disagree; 3—Neither agree nor disagree; 4—Agree; 5—Strongly agree).

Partial Least Squares (PLS), a tool included in structural equation modeling, was used in the analyses. In PLS, the results are presented

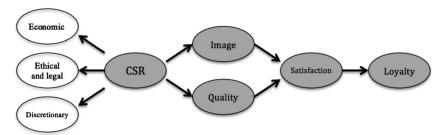


FIGURE 1 Proposed theoretical model

 TABLE 1
 Rotated component matrix (varimax method)

I will highly recommend to buy in this hypermarket to any of my friends or family Cronbach Reliability Kaiser-Meyer-Olkin measure of sampling adequacy Bartlett's test of sphericity gl 231								
This hypermarket tries to central production costs 7.766 7.767 7.767 7.768 7.778 7.788	Item	F1	F2	F3	F4	F5	F6	F7
This hypermarket tries to insprove the guality of the most vulnerable populations on this hypermarket tries to insert of the guality of the environment to specify the source of the source of the source of the environment to specify the source of the environment to specify the source of the environment to specify the specific to specify when the specific to specify was the specific tries to sponsor activities in favor of the environment to specific the specific tries to specify was the specific tries to specify the specific tries to specify was the specific tries to specify the specific tries to specify was the specific tries to specify the specific tries to specify was the specific tries to specify the specific tries to specific tries to specify the specific tries to specific tries tries tries to specific tries tries to specific tries t	This hypermarket tries to obtain a long term economic success	0.809						
Trombach Reliability 0.665 This hypermarket tries to treat fairly and as equals its workforce 0.783 This hypermarket tries to treat tell saws and procedures in its activities 0.846 This hypermarket tries to bave a code of ethics and procedure in order to respect it. 0.864 This hypermarket tries to bave a code of ethics and procedure in order to respect it. 0.864 This hypermarket tries to make donations or participate in social causes 0.778 This hypermarket tries to smake donations or participate in social causes 0.774 This hypermarket tries to sponsor cultural or educational events 0.736 This hypermarket tries to sponsor cultural or educational events 0.736 This hypermarket tries to sponsor cultural or educational events 0.736 This hypermarket tries to sponsor activities in favor of the environment 0.782 This hypermarket tries to sponsor activities in favor of the environment 0.782 This hypermarket tries to use its natural resources rationally 0.743 Trombach Reliability 0.743 Trombach Reliability 0.743 Trombach Reliability 0.743 This hypermarket is ethically acceptable 0.743 This hypermarket is ethically acceptable 0.743 This hypermarket is efficient 0.743 This hypermarket is efficient 0.743 This hypermarket is financiative 0.743 This hypermarket is dose and friendly 0.743 This hypermarket is dose and friendly 0.743 The quality of this hypermarket is 0.915 The quality of this hypermarket is 0.915 The quality of this hypermarket is 0.915 The quality of this hypermarket was a good decision-making 0.743 Toronbach Reliability 0.75 Toronbach Reliability 0.75 Toronbach Reliability 0.75 Toronbach Reliability 0.75 Toronbach	This hypermarket tries to control production costs	0.746						
This hypermarket tries to respect the laws and procedures in its activities O.846 This hypermarket tries to respect the laws and procedure in order to respect it. O.846 This hypermarket tries to have a code of ethics and procedure in order to respect it. O.867 This hypermarket try to behave a chically with consumers O.708 Cronbach Reliability O.837 This hypermarket tries to make donations or participate in social causes This hypermarket tries to make donations or participate in social causes This hypermarket tries to improve the quality of life of the most vulnerable populations This hypermarket tries to improve the quality of life of the most vulnerable populations This hypermarket tries to sopnosor cultural or educational events O.736 This hypermarket tries to take into account social aspects for improving its management This hypermarket tries to sopnosor activities in favor of the environment O.781 This hypermarket tries to use its natural resources rationally O.743 This hypermarket tries to use its natural resources rationally O.743 This hypermarket teys to recycle properly waste O.743 This hypermarket is espected O.712 This hypermarket is espected O.712 This hypermarket keeps its promises This hypermarket is efficient O.743 This hypermarket is consisted O.740 This hypermarket is close and friendly O.883 This hypermarket is close and friendly O.883 This hypermarket is close and friendly O.883 This hypermarket is definited with services of this hypermarket is O.915 Cronbach Reliability O.803 O.804 O.804 O.805 O.807 Ornbach Reliability O.805 O.807 Ornbach Reliability O.807 O.807 Ornbach Reliability O.807 O.808 Ornbach Reliability O.808 Ornbach Reliability O.809 O.80	This hypermarket always tries to improve its commercial activities	0.766						
This hypermarket tries to have a code of ethics and procedure in its activities O. 884 This hypermarket tries to have a code of ethics and procedure in order to respect it. O. 884 Cronbach Reliability O. 837 This hypermarket tries to make donations or participate in social causes O. 774 This hypermarket tries to make donations or participate in social causes O. 775 This hypermarket tries to sponsor cultural or educational events O. 736 This hypermarket tries to sponsor cultural or educational events O. 736 This hypermarket tries to to sponsor cultural or educational events O. 736 This hypermarket tries to take into account social aspects for improving its management O. 791 This hypermarket tries to sponsor activities in favor of the environment O. 782 This hypermarket tries to use its natural resources rationally O. 743 Cronbach Reliability This hypermarket is to use its natural resources rationally O. 743 This hypermarket is espected O. 712 This hypermarket is espected O. 712 This hypermarket is espected O. 743 This hypermarket is espected O. 683 This hypermarket is espected in one of the environment O. 683 This hypermarket is espected in one of the environment O. 683 This hypermarket is espected in one of the environment O. 684 This hypermarket is espected in one of the environment O. 684 This hypermarket is espected in one of the environment O. 684 This hypermarket is definedly O. 683 This hypermarket is espected in one of the environment O. 684 The golal quality of this hypermarket is O. 915 Conback Reliability O. 803 Vour level of global satisfaction with services of this hypermarket is O. 815 Conback Reliability O. 804 Conback Reliability O. 805	Cronbach Reliability	0.665						
This hypermarket tries to have a code of ethics and procedure in order to respect it. This hypermarket try to behave ethically with consumers O.788 Cronbach Reliability O.837 This hypermarket tries to make donations or participate in social causes O.774 This hypermarket tries to sponsor cultural or educational events This hypermarket tries to improve the quality of life of the most vulnerable populations This hypermarket tries to sponsor activities in favor of the environment O.792 This hypermarket tries to sponsor activities in favor of the environment O.792 This hypermarket tries to sponsor activities in favor of the environment O.792 This hypermarket tries to use its natural resources rationally O.743 This hypermarket is to see its natural resources rationally O.743 This hypermarket is espected O.712 This hypermarket is espected O.702 This hypermarket is espected O.703 This hypermarket is espected O.704 This hypermarket is espected O.704 This hypermarket is espected O.703 This hypermarket is espected O.704 This hypermarket is espected O.704 This hypermarket is espected O.705 This hypermarket is espected O.606 This hypermarket is espected O.607 This hypermarket is felicient O.704 This hypermarket is folially acceptable O.608 This hypermarket is does and friendly This hypermarket is close and friendly This hypermarket is close and friendly This hypermarket is does and friendly This hypermarket is possible and friendly The global quality of this hypermarket is. O.915 Cronbach Reliability O.005 O.005 Associated the expectations O.005 O.005 Samulative tends of sampling adequacy O.005 O.005 Samulative tends of sampling adequacy O.005 O.005 Samulative tends of sampling adequacy O.005 O.005 O.005 O.005 O.005 O.006 O.007 O.006 O.007 O.006 O.007 O.007	This hypermarket tries to treat fairly and as equals its workforce		0.783					
This hypermarket try to behave ethically with consumers Conbach Reliability This hypermarket tries to make donations or participate in social causes This hypermarket tries to sponsor cultural or educational events This hypermarket tries to sponsor cultural or educational events This hypermarket tries to take into account social aspects for improving its management This hypermarket tries to take into account social aspects for improving its management This hypermarket tries to sponsor activities in favor of the environment This hypermarket tries to sponsor activities in favor of the environment This hypermarket tries to sponsor activities in favor of the environment This hypermarket tries to sponsor activities in favor of the environment This hypermarket tries to sponsor activities in favor of the environment This hypermarket tries to sponsor activities in favor of the environment This hypermarket tries to use its natural resources rationally Conbach Reliability This hypermarket is ethically acceptable This hypermarket is ethically acceptable This hypermarket is fercognized This hypermarket is fercognized This hypermarket is economicated This hypermarket is economicated This hypermarket is admined This hypermarket is close and friendly This hypermarket is admined The global quality of this hypermarket is O.915 The global quality of this hypermarket is O.915 The quality of this hypermarket if you compare it with others is O.915 The plobal quality of this hypermarket was a good decision-making Cronbach Reliability Vour level of global satisfaction with services of this hypermarket is O.834 This hypermarket meets these expectations When I need a new product or service I will go to this hypermarket as my first choice Will keep on buying in this hypermarket to any of my friends or family Cronbach Reliability Rolling and the service I will go to this hypermarket as my first choice When I need a new product or service I will go to this hypermarket as my first choice	This hypermarket tries to respect the laws and procedures in its activities		0.846					
Cronbach Reliability 0.837 This hypermarket tries to make donations or participate in social causes 0.774 This hypermarket tries to sponsor cultural or educational events 0.775 This hypermarket tries to improve the quality of life of the most vulnerable populations 0.810 This hypermarket tries to take into account social aspects for improving its management 0.791 This hypermarket tries to sponsor activities in favor of the environment 0.782 This hypermarket tries to sponsor activities in favor of the environment 0.735 This hypermarket tries to use its natural resources rationally 0.743 Cronbach Reliability 0.883 This hypermarket is respected 0.888 This hypermarket is respected 0.688 This hypermarket is estincially acceptable 0.688 This hypermarket is estincially acceptable 0.680 This hypermarket is involvine 0.683 This hypermarket is involvine 0.683 This hypermarket is recognized 0.684 This hypermarket is close and friendly 0.683 This hypermarket is close and friendly 0.683 This hypermarket is used on the movative 0.683 This hypermarket is used on the movative 0.683 This hypermarket is admired 0.717 Cronbach Reliability 0.683 This hypermarket is admired 0.7915 The quality of this hypermarket is 0.915 The quality of this hypermarket if you compare it with others is 0.915 The quality of this hypermarket is 0.854 This hypermarket meets these expectations 0.833 Vour level of global satisfaction with services of this hypermarket is 0.854 Vour level of global satisfaction with services of this hypermarket is 0.834 Vour decision of choosing this hypermarket was a good decision-making 0.838 I will keep on buying in this hypermarket mext years 0.850 When I need a new product or service I will go to this hypermarket as my first choice 0.838 I will highly recommend to buy in this hypermarket to any of my friends or family 0.905 Earliet's test of sphericity 6.997,10 gl 997,10 gl 997,10	This hypermarket tries to have a code of ethics and procedure in order to r	espect it.	0.864					
This hypermarket tries to make donations or participate in social causes 7.736 This hypermarket tries to sponsor cultural or educational events 7.756 This hypermarket tries to improve the quality of life of the most vulnerable populations 7.757 This hypermarket tries to take into account social aspects for improving its management 7.752 This hypermarket tries to sponsor activities in favor of the environment 7.752 This hypermarket tries to sponsor activities in favor of the environment 7.752 This hypermarket tries to use its natural resources rationally 7.753 This hypermarket tries to use its natural resources rationally 7.753 This hypermarket is respected 7.712 This hypermarket is espected 7.712 This hypermarket is espected 7.712 This hypermarket is espected 7.743 This hypermarket is espected 7.744 This hypermarket is espected 7.744 This hypermarket is consolited 7.745 This hypermarket is consolited 7.745 This hypermarket is consolited 7.747 This hypermarket is consolited 7.747 This hypermarket is definicint 7.747 This hypermarket is definicint 7.747 This hypermarket is definicint 7.747 The quality of this hypermarket is 7.747 The global quality of this hypermarket is 7.747 The global quality of this hypermarket is 7.747 The global quality of this hypermarket is 7.757 The quality of this hypermarket is a good decision-making 7.757 The quality of this hypermarket was a good decision-making 7.757 The quality of this hypermarket next yeas 7.758 This hypermarket meets these expectations 7.758 This hypermarket meets these expectations 7.758 This hypermarket meets these expectations 7.758 This hypermarket meets the expectations 7.758 This hypermarket meets these expectations 7.758 This hypermarket meets these expectations 7.758 T	This hypermarket try to behave ethically with consumers		0.788					
This hypermarket tries to sponsor cultural or educational events This hypermarket tries to take into account social aspects for improving its management O.791 This hypermarket tries to take into account social aspects for improving its management O.792 This hypermarket tries to sponsor activities in favor of the environment O.782 This hypermarket tries to sponsor activities in favor of the environment O.783 This hypermarket tries to use its natural resources rationally O.743 Cronbach Reliability O.883 This hypermarket is respected O.712 This hypermarket is respected O.702 This hypermarket is ethically acceptable O.608 This hypermarket is efficient O.743 This hypermarket is innovative This hypermarket is recognized O.644 This hypermarket is recognized O.643 This hypermarket is close and friendly This hypermarket is dominated O.717 Cronbach Reliability O.815 The quality of this hypermarket is O.915 Cronbach Reliability O.803 Your level of global satisfaction with services of this hypermarket is O.854 This hypermarket meets these expectations When I need a new product or service I will go to this hypermarket as my first choice O.805 Bartlett's test of sphericity O.805 Bartlett's test of sphericity 6997,10 gl 231	Cronbach Reliability		0.837					
This hypermarket tries to improve the quality of life of the most vulnerable populations 7. This hypermarket tries to take into account social aspects for improving its management 7. This hypermarket tries to sponsor activities in favor of the environment 7. This hypermarket tries to sponsor activities in favor of the environment 7. This hypermarket tries to use its natural resources rationally 7. This hypermarket tries to use its natural resources rationally 7. This hypermarket is respected 7. This hypermarket is respected 8. CA12 8. CA12 8. CA12 8. CA12 8. CA12 8. CA12 8. CA13 8. CA14 8. CA	This hypermarket tries to make donations or participate in social causes			0.774				
This hypermarket tries to take into account social aspects for improving its management 0.791 This hypermarket tries to sponsor activities in favor of the environment 0.782 This hypermarket tries to use its natural resources rationally 0.743 Cronbach Reliability 0.883 This hypermarket is respected 0.712 This hypermarket is espected 0.688 This hypermarket is espected 0.688 This hypermarket is espected 0.670 This hypermarket is espected 0.688 This hypermarket is espected 0.670 This hypermarket is espected 0.683 This hypermarket is espected 0.683 This hypermarket is innovative 0.683 This hypermarket is innovative 0.683 This hypermarket is innovative 0.683 This hypermarket is recognized 0.644 This hypermarket is close and friendly 0.683 This hypermarket is definedly 0.683 This hypermarket is close and friendly 0.683 This hypermarket is one of the innovative 0.683 This hypermarket is close and friendly 0.683 This hypermarket is expected 0.644 This hypermarket is one of this hypermarket is 0.915 Toronbach Reliability 0.681 Toronbach Reliability 0.681 Toronbach Reliability 0.685 Toronbach Reliability 0.685 This hypermarket meets these expectations 0.6874 Toronbach Reliability 0.688 When I need a new product or service I will go to this hypermarket as my first choice 0.808 When I need a new product or service I will go to this hypermarket as my first choice 0.808 When I need a new product or service I will go to this hypermarket as my first choice 0.808 When I need a new product or service I will go to this hypermarket as my first choice 0.808 When I need a new product or service I will go to this hypermarket as my first choice 0.808 When I need a new product or service I will go to this hypermarket as my first choice 0.808 When I need a new product or service I will go to this hypermarket as my first choice 0.8095 When I need a new product or	This hypermarket tries to sponsor cultural or educational events			0.736				
This hypermarket tries to sponsor activities in favor of the environment This hypermarket treys to recycle properly waste 7.735 This hypermarket treys to use its natural resources rationally 7.75 This hypermarket tries to use its natural resources rationally 7.75 This hypermarket is the solution of the environment 7.75 This hypermarket is respected 7.712 This hypermarket is ethically acceptable 7.75 This hypermarket is ethically acceptable 7.75 This hypermarket is efficient 7.74 This hypermarket is innovative 7.75 This hypermarket is innovative 7.75 This hypermarket is innovative 7.75 This hypermarket is recognized 7.75 This hypermarket is close and friendly 7.75 The global quality of this hypermarket is 7.77 The quality of this hypermarket if you compare it with others is 7.75 The quality of this hypermarket if you compare it with others is 7.75 The quality of this hypermarket in services of this hypermarket is 7.87 Thus quality of this hypermarket in you compare it with others is 7.87 The quality of this hypermarket in you compare it with others is 7.87 The quality of this hypermarket in you compare it with others is 7.87 The quality of this hypermarket in you compare it with others is 7.87 The quality of this hypermarket in you compare it with others is 7.88 This hypermarket meets these expectations 7.89 Your level of global satisfaction with services of this hypermarket is 7.89 The quality of this hypermarket meets these expectations 7.89 The quality of this hypermarket meets these acceptations 8.80 The quality of this hypermarket meets these expectations 9.80 The quality of this hypermarket meets these expectations 9.81 The quality of this hypermarket meets these expectations 9.81 The quality of this hypermarket meets these expectations 9.82 The quality of this hypermarket meets these expectations 9.83 This hypermarket is edically of this hypermarket as my first choice 9.83 This hypermarket is ethically accompanies of sampling adequacy	This hypermarket tries to improve the quality of life of the most vulnerable	populations		0.810				
This hypermarket treys to recycle properly waste 0.735 This hypermarket tries to use its natural resources rationally 0.743 This hypermarket is respected 0.712 This hypermarket is respected 0.688 This hypermarket is espected 0.687 This hypermarket keeps its promises 0.670 This hypermarket selficient 0.743 This hypermarket is efficient 0.743 This hypermarket is efficient 0.683 This hypermarket is recognized 0.683 This hypermarket is recognized 0.663 This hypermarket is recognized 0.663 This hypermarket is olso and friendly 0.683 This hypermarket is olso and friendly 0.717 The global quality of this hypermarket is 0.915 The quality of this hypermarket is 0.915 The quality of this hypermarket if you compare it with others is 0.915 Thou have led global satisfaction with services of this hypermarket is 0.834 Your level of global send statisfaction with services of this hypermarket is 0.874 Your decision of choosing this hypermarket was a good decision-making 0.874 Cronbach Reliability 0.885 When I need a new product or service I will go to this hypermarket as my first choice 0.838 I will highly recommend to buy in this hypermarket to any of my friends or family 0.805 Kaiser-Meyer-Olkin measure of sampling adequacy 0.905 Bartlett's test of sphericity 6.997.10	This hypermarket tries to take into account social aspects for improving its	management		0.791				
This hypermarket tries to use its natural resources rationally Cronbach Reliability 0.883 This hypermarket is respected 0.712 This hypermarket is respected 0.688 This hypermarket is ethically acceptable 0.688 This hypermarket is efficient 0.743 This hypermarket is efficient 10.743 This hypermarket is efficient 10.683 This hypermarket is recognized 0.644 This hypermarket is recognized 0.644 This hypermarket is close and friendly 0.683 This hypermarket is admired 0.717 Cronbach Reliability 0.842 The global quality of this hypermarket is 0.915 Cronbach Reliability 0.803 Your level of global satisfaction with services of this hypermarket is 0.874 Your decision of choosing this hypermarket was a good decision-making Cronbach Reliability Cronbach Reliability 1.0835 I will keep on buying in this hypermarket next years When I need a new product or service I will go to this hypermarket as my first choice 1.0836 Cronbach Reliability Cronbach	This hypermarket tries to sponsor activities in favor of the environment			0.782				
Cronbach Reliability 0.883 This hypermarket is respected 0.712 This hypermarket is ethically acceptable 0.688 This hypermarket seeps its promises 0.670 This hypermarket is efficient 0.743 This hypermarket is efficient 0.743 This hypermarket is efficient 0.683 This hypermarket is recognized 0.684 This hypermarket is cose and friendly 0.683 This hypermarket is close and friendly 0.683 This hypermarket is admired 0.717 Cronbach Reliability 0.842 The global quality of this hypermarket is 0.915 The quality of this hypermarket if you compare it with others is 0.915 The quality of this hypermarket if you compare it with others is 0.915 The quality of this hypermarket is expectations 0.834 This hypermarket meets these expectations 0.874 Tonbach Reliability 0.835 I will keep on buying in this hypermarket was a good decision-making 0.874 Cronbach Reliability 0.835 I will keep on buying in this hypermarket as my first choice 0.838 When I need a new product or service I will go to this hypermarket as my first choice 0.838 I will highly recommend to buy inthis hypermarket to any of my friends or family 0.808 Cronbach Reliability 0.905 Bartlett's test of sphericity 6997.10 gl 0.905	This hypermarket treys to recycle properly waste			0.735				
This hypermarket is respected 0.712 This hypermarket is ethically acceptable 0.688 This hypermarket keeps its promises 0.670 This hypermarket is efficient 0.743 This hypermarket is innovative 0.683 This hypermarket is recognized 0.644 This hypermarket is close and friendly 0.683 This hypermarket is admired 0.717 Cronbach Reliability 0.842 The global quality of this hypermarket is 0.915 The quality of this hypermarket if you compare it with others is 0.915 Cronbach Reliability 0.803 Your level of global satisfaction with services of this hypermarket is 0.814 This hypermarket meets these expectations 0.874 Your decision of choosing this hypermarket was a good decision-making 0.874 Vour decision of choosing this hypermarket was a good decision-making 0.835 I will keep on buying in this hypermarket next years 0.850 When I need a new product or service I will go to this hypermarket as my first choice 0.838 I will highly recommend to buy in this hypermarket to any of my friends or family 0.808 Cr	This hypermarket tries to use its natural resources rationally			0.743				
This hypermarket is ethically acceptable O.688 This hypermarket keeps its promises O.670 This hypermarket is efficient O.743 This hypermarket is innovative O.683 This hypermarket is recognized O.644 This hypermarket is close and friendly This hypermarket is close and friendly O.683 This hypermarket is done and friendly O.693 This hypermarket is damired O.717 Cronbach Reliability O.842 The global quality of this hypermarket is O.915 The quality of this hypermarket if you compare it with others is O.915 Cronbach Reliability O.803 Your level of global satisfaction with services of this hypermarket is O.854 This hypermarket meets these expectations Vour decision of choosing this hypermarket was a good decision-making O.874 Cronbach Reliability O.835 I will keep on buying in this hypermarket next years When I need a new product or service I will go to this hypermarket as my first choice O.838 I will highly recommend to buy in this hypermarket to any of my friends or family Cronbach Reliability O.805 Bartlett's test of sphericity gl O.905 Bartlett's test of sphericity gl O.905 Bartlett's test of sphericity gl O.905	Cronbach Reliability			0.883				
This hypermarket keeps its promises 0.670 This hypermarket is efficient 0.743 This hypermarket is innovative 0.683 This hypermarket is recognized 0.644 This hypermarket is close and friendly 0.683 This hypermarket is admired 0.717 Cronbach Reliability 0.842 The global quality of this hypermarket is 0.915 The quality of this hypermarket if you compare it with others is 0.915 Cronbach Reliability 0.803 Your level of global satisfaction with services of this hypermarket is 0.854 This hypermarket meets these expectations 0.874 Cronbach Reliability 0.884 Your decision of choosing this hypermarket was a good decision-making 0.874 Cronbach Reliability 0.835 I will keep on buying in this hypermarket next years 0.850 When I need a new product or service I will go to this hypermarket as my first choice 0.838 I will highly recommend to buy in this hypermarket to any of my friends or family 0.804 Kaiser-Meyer-Olkin measure of sampling adequacy 0.905 Bartlett's test of sphericity 6997.10 gl 0.674	This hypermarket is respected				0.712			
This hypermarket is efficient 0.043 This hypermarket is innovative 0.683 This hypermarket is recognized 0.644 This hypermarket is close and friendly 0.683 This hypermarket is admired 0.717 Cronbach Reliability 0.842 The global quality of this hypermarket is 0.915 The quality of this hypermarket if you compare it with others is 0.915 Cronbach Reliability 0.803 Your level of global satisfaction with services of this hypermarket is 0.854 This hypermarket meets these expectations 0.874 Your decision of choosing this hypermarket was a good decision-making 0.874 Cronbach Reliability 0.835 I will keep on buying in this hypermarket next years 0.850 When I need a new product or service I will go to this hypermarket as my first choice 0.838 I will highly recommend to buy in this hypermarket to any of my friends or family 0.868 Cronbach Reliability 0.905 Bartlett's test of sphericity 6997.10 gl 0.693	This hypermarket is ethically acceptable				0.688			
This hypermarket is innovative 0.683 This hypermarket is recognized 0.644 This hypermarket is recognized 0.6683 This hypermarket is close and friendly 0.683 This hypermarket is admired 0.717 Cronbach Reliability 0.842 The global quality of this hypermarket is 0.915 The quality of this hypermarket if you compare it with others is 0.915 Cronbach Reliability 0.803 Your level of global satisfaction with services of this hypermarket is 0.854 This hypermarket meets these expectations 0.874 Your decision of choosing this hypermarket was a good decision-making 0.874 Cronbach Reliability 0.835 I will keep on buying in this hypermarket next years 0.850 When I need a new product or service I will go to this hypermarket as my first choice 0.838 I will highly recommend to buy in this hypermarket to any of my friends or family 0.868 Cronbach Reliability 0.905 Bartlett's test of sphericity 6997.10 gl 231	This hypermarket keeps its promises				0.670			
This hypermarket is recognized 0.644 This hypermarket is close and friendly 0.683 This hypermarket is admired 0.717 Cronbach Reliability 0.842 The global quality of this hypermarket is 0.915 The quality of this hypermarket if you compare it with others is 0.915 Cronbach Reliability 0.803 Your level of global satisfaction with services of this hypermarket is 0.854 This hypermarket meets these expectations 0.874 Your decision of choosing this hypermarket was a good decision-making 0.874 Cronbach Reliability 0.835 I will keep on buying in this hypermarket next years 0.850 When I need a new product or service I will go to this hypermarket as my first choice 0.838 I will highly recommend to buy in this hypermarket to any of my friends or family 0.868 Cronbach Reliability 0.905 Bartlett's test of sphericity 6997.10 gl 231	This hypermarket is efficient				0.743			
This hypermarket is close and friendly O.683 This hypermarket is admired O.717 Cronbach Reliability O.842 The global quality of this hypermarket is O.915 The quality of this hypermarket if you compare it with others is O.915 Cronbach Reliability O.803 Your level of global satisfaction with services of this hypermarket is O.854 This hypermarket meets these expectations O.874 Your decision of choosing this hypermarket was a good decision-making O.874 Cronbach Reliability O.835 I will keep on buying in this hypermarket next years When I need a new product or service I will go to this hypermarket as my first choice O.838 I will highly recommend to buy in this hypermarket to any of my friends or family Cronbach Reliability O.806 Cronbach Reliability O.805 Bartlett's test of sphericity gl 231	This hypermarket is innovative				0.683			
This hypermarket is admired 0.717 Cronbach Reliability 0.842 The global quality of this hypermarket is 0.915 The quality of this hypermarket if you compare it with others is 0.915 Cronbach Reliability 0.803 Your level of global satisfaction with services of this hypermarket is 0.854 This hypermarket meets these expectations 0.874 Your decision of choosing this hypermarket was a good decision-making 0.874 Cronbach Reliability 0.835 I will keep on buying in this hypermarket next years 0.850 When I need a new product or service I will go to this hypermarket as my first choice 0.838 I will highly recommend to buy in this hypermarket to any of my friends or family 0.868 Cronbach Reliability 0.905 Bartlett's test of sphericity 6997.10 gl 231	This hypermarket is recognized				0.644			
Cronbach Reliability The global quality of this hypermarket is The quality of this hypermarket if you compare it with others is Cronbach Reliability O.803 Your level of global satisfaction with services of this hypermarket is O.854 This hypermarket meets these expectations Vour decision of choosing this hypermarket was a good decision-making Cronbach Reliability O.835 I will keep on buying in this hypermarket next years When I need a new product or service I will go to this hypermarket as my first choice I will highly recommend to buy in this hypermarket to any of my friends or family Cronbach Reliability O.804 Kaiser-Meyer-Olkin measure of sampling adequacy Bartlett's test of sphericity gl O.812 O.915 O.842 O.915 O.803 O.804 O.805 O.805 O.806 O.905 Bartlett's test of sphericity gl O.905	This hypermarket is close and friendly				0.683			
The global quality of this hypermarket is The quality of this hypermarket if you compare it with others is Cronbach Reliability O.803 Your level of global satisfaction with services of this hypermarket is O.854 This hypermarket meets these expectations O.874 Your decision of choosing this hypermarket was a good decision-making O.874 Cronbach Reliability O.835 I will keep on buying in this hypermarket next years O.850 When I need a new product or service I will go to this hypermarket as my first choice O.803 I will highly recommend to buy in this hypermarket to any of my friends or family O.868 Cronbach Reliability O.804 Kaiser-Meyer-Olkin measure of sampling adequacy O.905 Bartlett's test of sphericity gl O.915	This hypermarket is admired				0.717			
The quality of this hypermarket if you compare it with others is Cronbach Reliability O.803 Your level of global satisfaction with services of this hypermarket is O.854 This hypermarket meets these expectations O.874 Your decision of choosing this hypermarket was a good decision-making Cronbach Reliability O.835 I will keep on buying in this hypermarket next years When I need a new product or service I will go to this hypermarket as my first choice O.838 I will highly recommend to buy in this hypermarket to any of my friends or family O.868 Cronbach Reliability O.804 Kaiser-Meyer-Olkin measure of sampling adequacy O.905 Bartlett's test of sphericity gl O.804	Cronbach Reliability				0.842			
Cronbach Reliability O.803 Your level of global satisfaction with services of this hypermarket is O.854 This hypermarket meets these expectations O.874 Your decision of choosing this hypermarket was a good decision-making O.874 Cronbach Reliability O.835 I will keep on buying in this hypermarket next years O.850 When I need a new product or service I will go to this hypermarket as my first choice O.838 I will highly recommend to buy in this hypermarket to any of my friends or family O.868 Cronbach Reliability O.804 Kaiser-Meyer-Olkin measure of sampling adequacy O.905 Bartlett's test of sphericity gl O.803	The global quality of this hypermarket is					0.915		
Your level of global satisfaction with services of this hypermarket is O.854 This hypermarket meets these expectations O.874 Your decision of choosing this hypermarket was a good decision-making O.874 Cronbach Reliability I will keep on buying in this hypermarket next years O.850 When I need a new product or service I will go to this hypermarket as my first choice I will highly recommend to buy in this hypermarket to any of my friends or family Cronbach Reliability O.868 Cronbach Reliability O.804 Kaiser-Meyer-Olkin measure of sampling adequacy D.905 Bartlett's test of sphericity gl 231	The quality of this hypermarket if you compare it with others is					0.915		
This hypermarket meets these expectations O.874 Your decision of choosing this hypermarket was a good decision-making O.874 Cronbach Reliability I will keep on buying in this hypermarket next years O.850 When I need a new product or service I will go to this hypermarket as my first choice I will highly recommend to buy in this hypermarket to any of my friends or family Cronbach Reliability Kaiser-Meyer-Olkin measure of sampling adequacy Bartlett's test of sphericity gl O.874 O.875 O.835 O.850 O.838 O.808 Cronbach Reliability O.804 Kaiser-Meyer-Olkin measure of sampling adequacy O.905 Bartlett's test of sphericity gl O.907	Cronbach Reliability					0.803		
Your decision of choosing this hypermarket was a good decision-making 0.874 Cronbach Reliability 0.835 I will keep on buying in this hypermarket next years 0.850 When I need a new product or service I will go to this hypermarket as my first choice 0.838 I will highly recommend to buy in this hypermarket to any of my friends or family 0.868 Cronbach Reliability 0.804 Kaiser-Meyer-Olkin measure of sampling adequacy 0.905 Bartlett's test of sphericity 6997.10 gl 231	Your level of global satisfaction with services of this hypermarket is						0.854	
Cronbach Reliability I will keep on buying in this hypermarket next years When I need a new product or service I will go to this hypermarket as my first choice I will highly recommend to buy in this hypermarket to any of my friends or family Cronbach Reliability Kaiser-Meyer-Olkin measure of sampling adequacy Bartlett's test of sphericity G997.10 gl 231	This hypermarket meets these expectations						0.874	
I will keep on buying in this hypermarket next years 0.850 When I need a new product or service I will go to this hypermarket as my first choice 0.838 I will highly recommend to buy in this hypermarket to any of my friends or family 0.868 Cronbach Reliability Kaiser-Meyer-Olkin measure of sampling adequacy 0.905 Bartlett's test of sphericity gl 231	Your decision of choosing this hypermarket was a good decision-making						0.874	
When I need a new product or service I will go to this hypermarket as my first choice 0.838 I will highly recommend to buy in this hypermarket to any of my friends or family 0.868 Cronbach Reliability 0.804 Kaiser-Meyer-Olkin measure of sampling adequacy 0.905 Bartlett's test of sphericity 6997.10 gl 231	Cronbach Reliability						0.835	
I will highly recommend to buy in this hypermarket to any of my friends or family Cronbach Reliability Kaiser-Meyer-Olkin measure of sampling adequacy Bartlett's test of sphericity gl 231	I will keep on buying in this hypermarket next years							0.850
Cronbach Reliability 0.804 Kaiser-Meyer-Olkin measure of sampling adequacy 0.905 Bartlett's test of sphericity 6997.10 gl 231	When I need a new product or service I will go to this hypermarket as my f	first choice						0.838
Kaiser-Meyer-Olkin measure of sampling adequacy Bartlett's test of sphericity gl 231	I will highly recommend to buy in this hypermarket to any of my friends or	family						0.868
Bartlett's test of sphericity 6997.10 gl 231	Cronbach Reliability							0.804
gl 231	Kaiser-Meyer-Olkin measure of sampling adequacy				0.905			
	Bartlett's test of sphericity				6997.10			
Sig. 0.000	gl				231			
	Sig.				0.000			

in two stages. First, the measurement model, which includes an evaluation of the reliability and validity of the measurements. Next, the structural model, which measures the amount of explained variance, the meaning of the relationships, and the model's predictive relevance (Barclay, Higgins, & Thompson, 1995).

4 | CONSTRUCTS

This study examines the relationship between eight measurement variables (see Figure 1). CSR has three dimensions, referred to as economic, ethical-legal, and discretionary. The questionnaires used in this research were designed to measure five different latent constructs: image, quality, satisfaction, loyalty, and CSR (the latter is a second-order construct having three dimensions).

Factor analysis was used to validate the measurement of these constructs (see Table 1). Varimax rotation was used to assist in interpreting the initial factor model.

The PLS measurement model is evaluated in terms of the interconstruct, the correlations between items, Cronbach's alpha, the reliability, and average variance extracted (AVE) for each construct. In this case, the five latent variables (one of them a second-order construct) are made up of reflective item scales. The measurements of reliability, internal consistency, and discriminant validity of each of the components of CSR and of the other measurements included in the study are evaluated below.

For the measurement of reliability, the extent to which each item is related to the latent construct is examined. For this, the most widely accepted and used empirical rule is that proposed by Carmines and Zeller (1979), who state that to accept an indicator as part of a construct, it must have a load greater than or equal to 0.707. In this case,

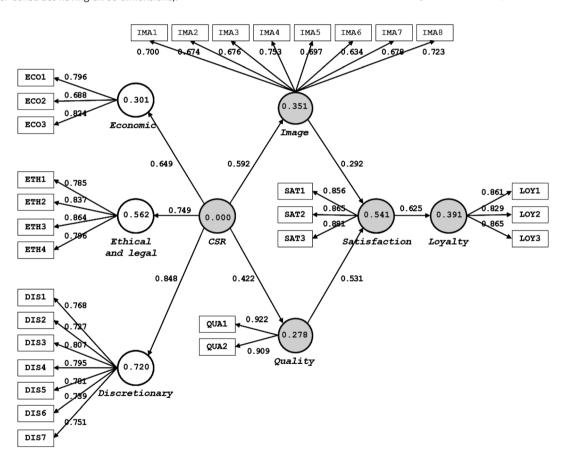


FIGURE 2 Results of the structural model

TABLE 2 Correlation and square root of the average variance extracted of first-order latent construct

Construct	Economic	Ethical	Discretionary	Image	Quality	Satisfaction	Loyalty
Economic	0.771303						
Ethical	0.351205	0.821078					
Discretionary	0.249074	0.350727	0.767508				
Image	0.372879	0.523254	0.428415	0.761458			
Quality	0.346048	0.40483	0.252388	0.561957	0.915392		
Satisfaction	0.375062	0.408353	0.233777	0.589943	0.694671	0.867413	
Loyalty	0.342648	0.406771	0.38503	0.523721	0.590817	0.625389	0.8517229

only seven of the 22 indicators used do not reach this acceptable level of reliability. However, as Chin (2010) and Barclay et al. (1995) point out, loads of at least 0.5 can be acceptable if other questions that measure the same construct have greater levels of reliability. Falk and Miller (1992) propose a load of 0.55, which indicates that at least 30% of the variance for that variable is related to the construct. Those loads that do not meet the first condition more than satisfy these latter two proposals, because they are over 0.64 and have a load greater in their construct than in any other. These results provide strong support for the reliability of the reflective measurements (see Figure 2).

As can be seen in Figure 2, the indicators for CSR—the economic (0.64), ethical-legal (0.75), and discretionary (0.85) dimensions—suggest that they are good reflections of this variable.

Regarding internal consistency, two measurements are evaluated: Cronbach's alpha and compound reliability. Nunnally (1978) suggests 0.7 as a level for "modest" reliability in the early stages of research and a stricter 0.8 for basic research. The indicators exceed the 0.8 level (except the economic dimension, which is over 0.7).

The validity of the discriminant is obtained in two ways. In the first, the AVE is examined. These values must be greater than 0.50 (Fornell & Larcker, 2018). In this study, all values of AVE are above that level. Second, the square roots of AVE (on the diagonal of Table 2) are compared with those of the other constructs below the diagonal in Table 2). These statistics suggest that each construct is stronger in its own measurement than in another construct's measurement.

The statistics suggest that the components of our measurements are reliable, internally consistent, and have discriminant validity.

5 | MODEL EVALUATION

A model estimated using PLS allows us to determine the variance of the endogenous variables explained by the constructs predicting them. Falk and Miller (1992) state that the explained variance of endogenous variables (R2) must be greater than or equal to 0.1. For this model, the indices explain a relatively large amount of the CSR's variance, because the values of R2 are 0.30, 0.56, and 0.72 for the economic, ethical-lega,l and discretionary dimensions, respectively. Additionally, the Stone-Geisser statistic (Q2) is greater than zero, which indicates that the model has predictive relevance. The other values of R2 are 0.35 (image), 0.28 (quality), 0.54 (satisfaction), and 0.39 (loyalty, the final dependent construct). The Stone-Geisser statistics (Q2) are, respectively, 0.30, 0.22, 0.47, and 0.34 (Table 3).

On the basis of this literature, a model was estimated in which CSR is an antecedent of two constructs—image and quality; these two variables have a positive relationship with satisfaction, which is an antecedent of loyalty (see Figure 2 and Table 2).

Figure 2 and Table 4 show the direct and indirect effects between the latent variables in the study. The figure indicates that the coefficients (path coefficients) are significant (p < 0.001) because no nonsignificant coefficients have been found. The meaning of the coefficients was estimated using a PLS-based bootstrapping procedure with 500 resamplings, a suitable amount to achieve reasonable standard error estimates (Chin, 2010).

TABLE 3 R^2 and Stone–Geisser

Construct	R ²	Q ²
Economic	0.301	0.280
Ethical	0.562	0.502
Discretionary	0.720	0.652
Image	0.351	0.304
Quality	0.278	0.220
Satisfaction	0.541	0.472
Loyalty	0.391	0.341

TABLE 4 Direct and indirect path coefficients

Construct	Direct effects	Indirect effects	
CSR	0.422		Quality
CSR	0.592		Image
CSR		0.397	Satisfaction
CSR		0.248	Loyalty
Image	0.292		Satisfaction
Image		0.183	Loyalty
Quality	0.531		Satisfaction
Quality		0.332	Loyalty
Satisfaction	0.625		Loyalty
			

Note. CSR: corporate social responsibility.

One of the first results is the existence (through different variables) of a relationship between CSR and loyalty. Indirectly, we find a relationship (0.25) that is relatively important, above all taking into account how difficult it currently is to influence loyalty through a variable other than satisfaction (with a significant relationship in this case of 0.625). It thus seems as though CSR may be an important factor for influencing loyalty, above all in the cases of image (0.592) and service quality (0.422). One must not forget that CSR is made up of three dimensions. These dimensions reflect it, to different extents. The discretionary dimension is the one that most reflects this situation (0.85), followed by the ethical-legal (0.75) and economic (0.64) dimensions. That is to say, the discretionary dimension is where the actions have the greatest repercussion on CSR, because it is also where the perception of the hypermarkets' actions is lowest, meaning that this is a field which is open to improvements in its activities.

Tenenhaus, Vinzi, Chatelin, and Lauro (2005) propose an overall criterion for goodness-of-fit (GoF) as an index for validating the global PLS model. This GoF measurement is the geometric mean of the communalities and the average R2. In this case, GoF is 0.8027.

6 | CONCLUSIONS

The results of this study show that hypermarket consumers have a close relationship to responsible behavior; this can be seen reflected in the economic, ethical–legal, and discretionary dimensions (to a greater extent in the latter two). This situation provides evidence that





confirms the multidimensionality of the concept of CSR, which has a role as an antecedent variable to image and quality.

Along with the perception of CSR and its dimensions, the effect this variable has on loyalty, as a final result, has been studied, aiming to understand how quality, image, and satisfaction participate in this relationship in the case of Spanish customers using hypermarkets.

This has implications for management, as this research provides evidence as to how one factor can help a firm achieve a good corporate image and good perceived quality, because Spanish consumers' perception of the economic, ethical-legal, and discretionary aspects of CSR for the main hypermarkets has a direct and significant influence on brand image and perceived quality and, through the variables indicated and the level of consumer satisfaction, an indirect influence on their loyalty to the company. The fact that it finally influences loyalty may be considered to be of certain importance, given how difficult it is to increase consumer loyalty.

Merely finding out about the image the customer has formed of their hypermarket and its perceived quality is not enough for marketing managers today. They also need to know what the factors are that give rise to that image and quality, so that it will be possible to manage them more effectively and efficiently (Ditlev-Simonsen & Midttun, 2011). The results of this study confirm that CSR has a key role in the process through which these variables are formed, and therefore, retail executives should know that their actions in this respect have an indirect impact on the loyalty of their hypermarket's consumers.

Hypermarkets are private sector companies, and they should aim to achieve buying and supplying products and services in a sustainable way. This concept is termed "sustainable supply chain management" (sustainable SCM), and it is particularly important with regard to retailers (Walker & Jones, 2012). If they buy and supply in a sustainable way, the importance of CSR on image and quality will be stronger and sustainable. All this must motivate companies and other organizations to make greater efforts, assigning resources to strengthen the links with their consumers and ensure that these consumers' degree of identification with their organization increases in the right way.

It should be emphasized that the scale used for measuring perceived CSR in this research meets the multidimensional concept established for understanding much better this complex phenomenon, making a study of the results even more interesting. These results have also made it possible to provide that the consumer behavior generally tend to value the CSR that it is reflected in the economic, ethical and legal, and discretionary dimensions.

To summarize, CSR can be used by companies as a strategic resource. By taking this strategic approach, companies and organizations can determine what resources they have to devote to being socially responsible because they should understand that they increase firm competitiveness and their competitive advantage. Also, it brings favorable responses from consumers and other stakeholders.

ORCID

Pedro Cuesta-Valiño https://orcid.org/0000-0001-9521-333X

Pablo Gutiérrez Rodríguez https://orcid.org/0000-0001-5407-4265

Estela Núñez-Barriopedro https://orcid.org/0000-0002-2292-8147

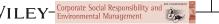
REFERENCES

- Aaker, D. A. (1996). Measuring brand equity across products and markets. California Management Review, 38(3), 102–120. https://doi.org/ 10.2307/41165845
- Ahearne, M., Bhattacharya, C. B., & Gruen, T. (2005). Antecedents and consequences of customer-company identification: Expanding the role of relationship marketing. *The Journal of Applied Psychology*, 90(3), 574–585. https://doi.org/10.1037/0021-9010.90.3.574
- Ardito, L., Carrillo-Hermosilla, J., del Río, P., & Pontrandolfo, P. (2018). Corporate social responsibility and environmental management invites contributions for a special issue on 'Sustainable innovation: Processes, strategies, and outcomes'. Corporate Social Responsibility and Environmental Management, 25, 106–109. https://doi.org/10.1002/csr.1487
- Arli, D. I., & Lasmono, H. K. (2010). Consumers' perception of corporate social responsibility in a developing country. *International Journal of Consumer Studies*, 34(1), 46–51. https://doi.org/10.1111/j.1470-6431.2009.00824 x
- Baker, D. A., & Crompton, J. L. (2000). Quality, satisfaction and behavioral intentions. Annals of Tourism Research, 27(3), 785–804. https://doi.org/ 10.1016/S0160-7383(99)00108-5
- Barclay, D. W., Higgins, C. A., & Thompson, R. (1995). The partial least squares (PLS) approach to causal modeling: Personal computer adoption and use as an illustration. *Technology Studies*, 2(2), 285–323.
- Bendapudi, N., & Berry, L. L. (1997). Customers' motivations for maintaining relationships with service providers. *Journal of Retailing*, 73(1), 15–37. https://doi.org/10.1016/S0022-4359(97)90013-0
- Bloemer, J. M. M., & Kasper, H. D. P. (1995). The complex relationship between consumer satisfaction and brand loyalty. *Journal of Economic Psychology*, 16(2), 311–329. https://doi.org/10.1016/0167-4870(95)00007-B
- Brown, T. J., & Dacin, P. A. (1997). The company and the product: corporate associations and consumer product responses. Journal of Marketing, 61(1), 68–84. https://doi.org/10.1177/002224299706100106
- Brunninge, O., & Fridriksson, H. (2017). We have always been responsible: A social memory approach to responsibility in supply chains. *European Business Review*, 29(3), 372–383. https://doi.org/10.1108/EBR-02-2016-0033
- Carmines, E. G., & Zeller, R. A. (1979). *Reliability and validity assessment* (ed., Vol. 17)Sage publications.
- Carrillo-Hermosilla, J., del Río, P., & Könnölä, T. (2010). Diversity of ecoinnovations: Reflections from selected case studies. *Journal of Cleaner Production*, 18(10–11), 1073–1083. https://doi.org/10.1016/j. jclepro.2010.02.014
- Carroll, A. B. (1979). A three-dimensional conceptual model of corporate performance. Academy of Management Review, 4(4), 497–505. https://doi.org/10.5465/amr.1979.4498296
- Chang, C. H., & Tu, C. Y. (2005). Exploring store image, customer satisfaction and customer loyalty relationship: Evidence from Taiwanese hypermarket industry. *Journal of American Academy of Business*, 7(2), 197–202.
- Chaudhuri, A., & Holbrook, M. B. (2001). The chain of effects from brand trust and brand affect to brand performance: The role of brand loyalty. *Journal of Marketing*, 65(2), 81–93. https://doi.org/10.1509/jmkg.65.2.81.18255
- Chin, W. W. (2010). How to write up and report PLS analyses. In V. E. Vinzi, W. W. Chin, J. Henseler, & H. Wang (Eds.), Handbook of partial least squares: Concepts, methods, and applications (pp. 655–690). Berlin: Springer. http://doi.org/10.1007/978-3-540-32827-8
- Clarkson, M. E. (1995). A stakeholder framework for analyzing and evaluating corporate social performance. *Academy of Management Review*, 20(1), 92–117. https://doi.org/10.5465/amr.1995.9503271994
- Colombo, R. A., & Morrison, D. G. (1989). Note—A brand switching model with implications for marketing strategies. *Marketing Science*, 8(1), 89–99. https://doi.org/10.1287/mksc.8.1.89

- Cotte, J., & Trudel, R. (2009). Socially conscious consumerism: A systematic review of the body of knowledge. Boston, MA: Boston University.
- Cuesta, P., & Gutiérrez, P. (2010). El equipamiento comercial de los centros comerciales en España. *Distribución Y Consumo*, 35, 2137–2147.
- Decker, O. S. (2004). Corporate social responsibility and structural change in financial services. *Managerial Auditing Journal*, 19(6), 712–728. https://doi.org/10.1108/02686900410543840
- Derwall, J., Koedijk, K., & Horst, J. T. (2011). A tale of values-driven and profit-seeking social investors. *Journal of Banking & Finance*, 35(8), 2137–2147. https://doi.org/10.1016/j.jbankfin.2011.01.009
- Diamantopoulos, A., & Winklhofer, H. M. (2001). Index construction with formative indicators: An alternative to scale development. *Journal of Marketing Research*, 38(2), 269–277. https://doi.org/10.1509/jmkr.38.2.269.18845
- Dickson, J. P., & MacLachlan, D. L. (1990). Social distance and shopping behavior. Journal of the Academy of Marketing Science, 18(2), 153-161.
- Ditlev-Simonsen, C. D., & Midttun, A. (2011). What motivates managers to pursue corporate responsibility? A survey among key stakeholders. Corporate Social Responsibility and Environmental Management, 18, 25–38. https://doi.org/10.1002/csr.237
- Elg, U., & Hultman, J. (2016). CSR: retailer activities vs consumer buying decisions. International Journal of Retail & Distribution Management, 44(6), 640–657. https://doi.org/10.1108/IJRDM-10-2015-0155
- Falk, R. F., & Miller, N. B. (1992). A primer for soft modeling. Akron, Ohio: The University of Akron Press.
- Fornell, C., & Larcker, D. F. (2018). Evaluating structural equation models with unobservable variables and measurement error. *Journal of Marketing Research*, 18(1), 39–50. https://doi.org/10.1177/002224378101800104
- Galbreath, J. (2010). Drivers of corporate social responsibility: The role of formal strategic planning and firm culture. *British Journal of Manage*ment, 21(2), 511–525.
- Graafland, J. J., Eijffinger, S. C. W., & Smid, H. (2004). Benchmarking of corporate social responsibility: Methodological problems and robustness. Journal of Business Ethics, 53, 137–152. https://doi.org/10.1023/B: BUSI.0000039404.67854.e1
- Grönroos, C. (1994). From scientific management to service management: A management perspective for the age of service competition. *International Journal of Service Industry Management*, 5(1), 5–20. https://doi.org/10.1108/09564239410051885
- Hildebrand, D., Sen, S., & Bhattacharya, C. B. (2011). Corporate social responsibility: A corporate marketing perspective. European Journal of Marketing, 45(9/10), 1353–1364. https://doi.org/10.1108/ 03090561111151790
- Homburg, C., & Giering, A. (2001). Personal characteristics as moderators of the relationship between customer satisfaction and loyalty—An empirical analysis. *Psychology and Marketing*, 18(1), 43–66. https:// doi.org/10.1002/1520-6793(200101)18:1<43::AID-MAR3>3.0.CO;2-I
- Jamali, D., & Mirshak, R. (2007). Corporate social responsibility (CSR): Theory and practice in a developing country context. *Journal of Business Ethics*, 72(3), 243–262. https://doi.org/10.1007/s10551-006-9168-4
- James, D. L., Durand, R. M., & Dreves, R. A. (1976). Use of a multi-attribute attitude model in a store image study. *Journal of Retailing*, 52(2), 23–32.
- Jones, M. A., Mothersbaugh, D. L., & Beatty, S. E. (2000). Switching barriers and repurchase intentions in services. *Journal of Retailing*, 76(2), 259–274. https://doi.org/10.1016/S0022-4359(00)00024-5
- Jones, T., & Taylor, F. S. (2007). The conceptual domain of service loyalty: How many dimensions? *Journal of Services Marketing*, 21(1), 36–51. https://doi.org/10.1108/08876040710726284
- Kim, J., Ha, S., & Fong, C. (2014). Retailers' CSR: The effects of legitimacy and social capital. *International Journal of Retail & Distribution Manage*ment, 42(2), 131–150. https://doi.org/10.1108/IJRDM-10-2012-0092
- Klein, J., & Dawar, N. (2004). Corporate social responsibility and consumers' attributions and brand evaluations in a product-harm crisis.

- International Journal of Research in Marketing, 21(3), 203–217. https://doi.org/10.1016/j.ijresmar.2003.12.003
- Lee, M., & Cunningham, L. F. (2001). A cost/benefit approach to understanding service loyalty. *Journal of Services Marketing*, 15(2), 113–130. https://doi.org/10.1108/08876040110387917
- Lewin, A. Y., Sakano, T., Stephens, C. U., & Victor, B. (1995). Corporate citizenship in Japan: Survey results from Japanese firms. *Journal of Business Ethics*, 14(2), 83–101. https://doi.org/10.1007/BF00872014
- Lewis, M. (2004). The influence of loyalty programs and short-term promotions on customer retention. *Journal of Marketing Research*, 41(3), 281–292. https://doi.org/10.1509/jmkr.41.3.281.35986
- Li, M., & Green, R. D. (2011). A mediating influence on customer loyalty: The role of perceived value. *Journal of Management & Marketing Research*, 7, 1–12.
- Lindgreen, A., Swaen, V., & Johnston, W. J. (2009). Corporate social responsibility: An empirical investigation of U.S. organizations. *Journal* of Business Ethics, 85(2), 303–323. https://doi.org/10.1007/s10551-008-9738-8
- Maignan, I., & Ferrell, O. C. (2001). Corporate citizenship as a marketing instrument—Concepts, evidence and research directions. European Journal of Marketing, 35(3/4), 457–484. https://doi.org/10.1108/ 03090560110382110
- Maignan, I., & Ferrell, O. C. (2004). Corporate Social Responsibility and marketing: An integrative framework. *Journal of the Academy of Marketing Science*, 32(1), 3–19. https://doi.org/10.1177/0092070303258971
- Mao, J. (2010). Customer brand loyalty. *International Journal of Business and Management*, 5(7), 213–217.
- Martin, W. C., Ponder, N., & Lueg, J. E. (2009). Price fairness perceptions and customer loyalty in a retail context. *Journal of Business Research*, 62(6), 588–593. https://doi.org/10.1016/j.jbusres.2008.05.017
- McGuire, J. W. (1963). Business and society. New York: McGrawn Hill.
- McWilliams, A., Siegel, D. S., & Wright, P. M. (2005). Corporate social responsibility: Strategic implications. *Journal of Management Studies*, 43(1), 1–18.
- Mohr, L. a., & Webb, D. J. (2005). The effects of corporate social responsibility and price on consumer responses. *Journal of Consumer Affairs*, 39(1), 121–147. https://doi.org/10.1111/j.1745-6606.2005.00006.x
- Nunnally, J. C. (1978). Psychometric theory. New York: McGraw-Hill.
- Oliver, R. R. L. (1999). Whence consumer loyalty? *Journal of Marketing*, 63, 33–44. https://doi.org/10.1177/00222429990634s105
- Olsen, L. L., & Johnson, M. D. (2003). Service equity, satisfaction and loyalty: From transaction-specific to cumulative evaluations. *Journal of Service Research*, *5*(3), 184–195. https://doi.org/10.1177/1094670502238914
- Ostrowski, P. L., O'Brien, T. V., & Gordon, G. L. (1993). Service quality and customer loyalty in the commercial airline industry. *Journal of Travel Research*, 32(2), 16–24. https://doi.org/10.1177/004728759303200203
- Parasuraman, A., Zeithaml, V. A., & Berry, L. L. (1994). Reassessment of expectations as a comparison standard in measuring service quality: Implications for further research. *Journal of Marketing*, 58(1), 111–124. https://doi.org/10.1177/002224299405800109
- Polonsky, M. J., & Jevons, C. (2006). Understanding issue complexity when building a socially responsible brand. *European Business Review*, 18(5), 340–349. https://doi.org/10.1108/09555340610686930
- Porter, M. E., & Kramer, M. R. (2011). Creating shared value: How to reinvent capitalism—And unleash a wave of innovation and growth. Harvard Business Review, 89(1), 63–77.
- Quazi, A. M., & O'Brien, D. (2000). An empirical test of a cross-national model of corporate social responsibility. *Journal of Business Ethics*, 25(1), 33–51. https://doi.org/10.1023/A:1006305111122
- Razalan, D. M., Bickle, M. C., Park, J., & Brosdahl, D. (2017). Local retailers' perspectives on social responsibility. *International Journal of Retail & Distribution Management*, 45(2), 211–226. https://doi.org/10.1108/IJRDM-01-2016-0006





- Reichheld, F. F. (2003). The one number you need to grow. Harvard Business Review, 81(12), 47-54.
- Schramm-Klein, H., Morschett, D., & Swoboda, B. (2015). Retailer corporate social responsibility: Shedding light on CSR's impact on profit of intermediaries in marketing channels. International Journal of Retail & Distribution Management, 43(4/5), 403-431. https://doi.org/10.1108/ JRDM-04-2014-0041
- Seifert, B., Morris, S. A., & Bartkus, B. R. (2003). Comparing big givers and small givers: Financial correlates of corporate philanthropy. Journal of Business Ethics, 45(3), 195-211. https://doi.org/10.1023/ A:1024199411807
- Selnes, F. (1993). An examination of the effect of product performance on brand reputation, satisfaction and loyalty. European Journal of Marketing, 27(9), 19-35. https://doi.org/10.1108/03090569310043179
- Severin, V., Louviere, J. J., & Finn, A. (2001). The stability of retail shopping choices over time and across countries. Journal of Retailing, 77(2), 185-202. https://doi.org/10.1016/S0022-4359(01)00043-4
- Shin, Y., & Thai, V. V. (2015). The impact of corporate social responsibility on customer satisfaction, relationship maintenance and loyalty in the shipping industry. Corporate Social Responsibility and Environmental Management, 22(6), 381-392. https://doi.org/10.1002/csr.1352
- Souza-Monteiro & D., Hooker, N (2017). Comparing UK food retailers corporate social responsibility strategies. British Food Journal, 119(3), 658-675. https://doi.org/10.1108/BFJ-04-2016-0152
- Sureshchandar, G. S., Rajendran, C., & Anantharaman, R. N. (2002). The relationship between service quality and customer satisfaction-A factor specific approach. Journal of Services Marketing, 16(4), 363-379. https://doi.org/10.1108/08876040210433248
- Tenenhaus, M., Vinzi, V. E., Chatelin, Y.-M., & Lauro, C. (2005). PLS path modeling. Computational Statistics & Data Analysis, 48(1), 159-205. https://doi.org/10.1016/i.csda.2004.03.005

- Tofighi, M., & Onur Bodur, H. (2015). Social responsibility and its differential effects on the retailers' portfolio of private label brands. International Journal of Retail & Distribution Management, 43(4/5), 301-313. https://doi.org/10.1108/IJRDM-04-2014-0040
- Walker, H., & Jones, N. (2012). Sustainable supply chain management across the UK private sector. Supply Chain Management: An International Journal, 17(1), 15-28, https://doi.org/10.1108/13598541211212177
- Wang, Z., Hsieh, T. S., & Sarkis, J. (2018). CSR performance and the readability of CSR reports: Too good to be true? Corporate Social Responsibility and Environmental Management, 25, 66-79. https://doi. org/10.1002/csr.1440
- Wood, D. J. (2010). Measuring corporate social performance: A review. International Journal of Management Reviews, 12(1), 50-84. https:// doi.org/10.1111/j.1468-2370.2009.00274.x
- Yoon, Y., & Uysal, M. (2005). An examination of the effects of motivation and satisfaction on destination loyalty: A structural model. Tourism Management, 26(1), 45-56. https://doi.org/10.1016/j. tourman.2003.08.016
- Zdravkovic, S., Magnusson, P., & Stanley, S. M. (2010). Dimensions of fit between a brand and a social cause and their influence on attitudes. International Journal of Research in Marketing, 27(2), 151-160. https:// doi.org/10.1016/j.ijresmar.2010.01.005

How to cite this article: Cuesta-Valiño P, Gutiérrez Rodríguez P, Núñez-Barriopedro E. The impact of corporate social responsibility on customer loyalty in hypermarkets: A new socially responsible strategy. Corp Soc Resp Env Ma. 2019;26:761-769. https://doi.org/10.1002/csr.1718