





Article

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Abdel-Aziz Ahmad Sharabati 1 , Shafig Al-Haddad 2 , Razan Abu Naba 2 , Diana Hijazat 2 , Ali Abdallah Alalwan 3 and Ra'ed Masa'deh 4 ,* 1

- Business Faculty, Middle East University, Amman 11931, Jordan; asharabati@meu.edu.jo
- King Talal School of Business Technology, Princess Sumaya University for Technology, Amman 11931, Jordan; s.haddad@psut.edu.jo (S.A.-H.); raz20228096@std.psut.edu.jo (R.A.N.); dia20228024@std.psut.edu.jo (D.H.)
- College of Business and Economics, Qatar University, Doha 122014, Qatar; aalalwan@qu.edu.qa
- Department of Management Information Systems, School of Business, The University of Jordan, Amman 11931, Jordan
- * Correspondence: r.masadeh@ju.edu.jo

Abstract: This research aims to investigate the moderating role of customer consciousness in the correlation between CSR and the brand image of the Jordanian apparel industry. The study employs a cross-sectional quantitative method. To actualize this study, data was gathered from 440 participants. The collected data was coded against SPSS 25, then normality, validity, and reliability were tested, and multiple regressions were used to test hypotheses. Findings show that the Jordanian Apparel industry highly applies CSR, brand image, as well as, consciousness. Furthermore, results show that CSR, brand image, and consciousness are strongly related to each other. Results also indicate that CSR influences the brand image. Social responsibility is having the highest effect on brand image, followed by ethical and economic responsibility, respectively. Environmental responsibility was having a negative influence on brand image. When adding consciousness as a moderate, it moderates the influence of CSR on the brand image. The study recommends conducting qualitative research to understand why Jordanian customers rated environmental responsibility as having a negative effect on brand image. In addition, it recommends that the apparel industry use awareness campaigns to enhance customers' consciousness because it moderates the relationship between CSR and brand image.

Keywords: corporate social responsibility; ethical responsibility; social responsibility; economic responsibility; brand image; consciousness; apparel industry; Jordan

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1. Introduction

Nowadays, the interest in corporate social responsibility (CSR) is increasing, and it is almost present in all countries; it is a notion of extreme significance in business. ISO 26000 has defined CSR as how an organization's activities affect the society where it performs its business and how these activities affect the environment. Therefore, CSR is very important for measuring an organization's performance and its capability to sustain its operations effectively [1]. CSR has changed from pure philanthropic practices to being included within businesses' core operations and overall business strategy [2]. Recently, businesses have shifted toward creating shared value to establish a competitive advantage and differentiate from competitors. In the shared value model, the business exists to solve social and environmental problems while creating economic value and generating profits. However, the degree of CSR presence differs between countries and depends on the existence of policies and regulations that support or enforce the practice of CSR in businesses. Some businesses in developing countries consider philanthropy the heart of CSR, undermining the importance of formulating a CSR strategy and embedding it in their operations [3]. They view CSR as a cost center, disregarding its role in improving business brand equity,

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performance, and profitability. They also disregard the importance it has in developing the company's brand image, which, as a result, helps to improve business performance.

Organizations must implement strategies of CSR (social, ethical, environmental, and economic) to reach their target audience. Suppose these strategies are incorporated into the business. In that case, they will have a higher reach because consumers are not only interested in the product and its benefits but also in the process that led to making it. When companies are more aware of the responsibility they have in front of nature and society, they strive to do better, which facilitates their brand image. Therefore, this current study's purpose is to explore the role of CSR on brand image, one aspect of brand equity, for the apparel industry in Jordan, using consumer consciousness to act as a moderator of the relationship between CSR and brand image. Consumers, who are aware, pay extra attention to their purchasing decisions. They familiarize themselves with companies that implement CSR and hold on to a good brand image; hence, when purchasing, they tend to stick with ethical companies. This research paper focuses on how CSR benefits companies and explores four components that help boost a company's ability to recognize these responsibilities: social, ethical, economic, and environmental.

In the last few decades, CSR has become an important issue for all organizations, whatever they are doing and wherever they are performing their business, and the researchers have recognized that CSR should be adopted within organizations' strategies. They include strategies for improving business reputation, laws of government, stressful situations from stakeholders as well as senior managers, significant events, and winning points a company has over its rivals. Other strategies include taking part in creative projects related to administration and the offerings a business may introduce contributions in environmentally-friendly prospects and policies that integrate economic and social strategies. In a world of high competition, such studies demonstrate why it is crucial to incorporate strategies similar to these into the business [4]. Methods such as these facilitate the brand image of a business because consumers are aware of their actions; they also help boost this image by spreading positive words to their network. Limited research has been conducted as to incorporating CSR strategies in Jordanian companies; they must understand the significance of CSR and how it can strengthen their brand image once implemented correctly. In the field of apparel and fashion, research indicates that although the industry is being pressured to execute approaches that consider social and environmental matters, it is not incorporating strategies of CSR thoughtfully because not many businesses are hiring professionals in this field [5]. Applying CSR can make communities stronger [6]. Companies striving to strengthen their bonds with communities understand that they need to hold themselves accountable for their actions and be transparent about what they do and in what ways they commit to this responsibility.

In general, there are limited research papers on the influence of CSR on brand image in the Jordanian market, such as refs. [7–9]. However, in this study, the researchers would like to develop a further understanding of the impact of CSR's different dimensions (social, environmental, ethical, and economic) on brand image. Therefore, the current research objective is to investigate the correlation between the different components of CSR (social, environmental, ethical, and economic) and brand image, specifically in the apparel industry in the Jordanian context. Another objective is to investigate if the conscious consumer plays a role in moderating the relationship between CSR and brand image.

The study's importance lies in understanding the maturity of CSR among consumers in Jordan and the apparel industry in particular. If CSR was a mature concept, companies could utilize it to create a competitive advantage. If not, Jordan shall take the initiative to raise awareness about CSR practices and educate its citizens on the subject, as it will positively influence the country and society. It will also enable companies to look for more sustainable solutions to meet customers' demands without leaving a negative impact.

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2. Literature Review and Hypotheses Development

2.1. Corporate Social Responsibility (CSR)

Business strategies are adopting CSR as the main element because it is considered a useful asset to companies striving to improve their performance and support the community at the same time [10]. The concept of CSR and its application are receiving recognition on a global level due to their importance [11]. CSR has been the topic of discussion among scholars who study the role of companies and their responsibilities towards society. Not only do companies need to prioritize meeting shareholder interests, but they also need to recognize their role in society [12]. Organizations must hold themselves accountable in front of society, as this helps them improve their image; thus, their success increases. This is where brand equity emerges as the result of a good sense of CSR. Debates around the emergence of CSR, also known as Social Responsibility (SR), have suggested that the concept initially appeared in the 1950s. However, to provide some context for the root of the concept, it is necessary to go back to the industrial revolution in the 18th century. Factories in the United States of America and Great Britain at that time were only concerned about increasing workforce productivity while drawing no attention to the effects it might have on their employees. This raised debates and arguments within societies about the practices used in terms of hiring women and children and not taking the right measures to ensure workforce safety. These actions led to a movement that made factories consider employees' and society's welfare through the implementation of healthcare schemes and others. Nowadays, the concept of CSR cannot simply be ignored by managers of organizations for the importance it holds, and there has been a growing debate on the connection between CSR and the performance of organizations [13].

2.2. CSR in Jordan

Jordan, as a developing country, is facing many economic and environmental challenges. Jordan had a high unemployment rate of 22.6% in Q2 of 2022 [14]. It requires humanitarian aid to be able to host refugees from neighboring countries [15]. Environmentally, Jordan has limited natural resources; it is among the top ten for water scarcity [16]. Despite the environmental and economic challenges that Jordan faces, it does not deploy CSR fully to help solve some of the challenges. In 2021, Jordan was ranked number 131 out of 180 countries in Sustainability 2022 [17]. However, Jordan is taking initiatives to improve the situation by taking country-level as well as corporate-level initiatives. In 1998–2008, Jordan gradually privatized 14 state-owned enterprises, which had a positive impact on society through microeconomic improvements, innovation, and employment [18]. Today, Jordan's economic modernization vision focuses on both economic growth and the quality of life by drawing focus to education, the environment, and the standards of living for Jordanians. Lastly, Jordan is reinforcing laws and regulations to encourage companies to think about the society in which they operate. Some industries are forced to disclose environmental issues in their annual reports [19]. Finally, there is a debate about the effect of CSR dimensions on Jordanian organizations' performance, customer engagement, purchase intentions, and others.

2.3. CSR and Brand Image

Due to globalization and intense competition, companies are no longer focusing solely on acquiring market share through product innovation but on strengthening their intangible assets such as brand equity. Businesses that have strong brand equity have a higher market capitalization in financial terms [20]. One component of brand equity is brand image, which is crucial for professionals in the field of marketing as they spend a considerable amount of time protecting their brand image so they can get the most value out of their target market [21]. Hence, exploring the influence of CSR on brand image might be a new way for businesses to differentiate themselves from competitors in a market with low product differentiation. Any company would consider its brand its most valuable asset, as it reflects the consumer's choice of purchase. Consumers trust these brands, which, in

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turn, aids in their ability to purchase from them [22]. Knowing well how powerful they are in the market. Consumers relate to brands when they feel a sense of connection to them that stems from prior personal experience with the brand itself or from what they hear about it from other people [23]. Brand image is an integral part of the brand; it is how people perceive the brand in the market and speaks of the company's success. If the brand is doing well in the market, it has a good brand image. Companies do their best to make this image stand out and reflect their efforts. Moreover, utilizing CSR strengthens the reputation of a brand and creates a feeling of confidence and devotion for it in customers. Once consumers are aware that brands are heading toward ethical means and speaking of crucial topics that they find significant, then purchasing their products will be a continuous activity. Consumers will feel emotionally connected with the brand based on the business's sense of social responsibility, which facilitates positive feedback for the brand and the image it holds in society [24]. CSR helps companies engage in environmental, societal, and economic parts of the business, thus encouraging consumers to think positively of the brand, which, overall, creates a positive image for the business [25]. The first null hypothesis assumes the following:

H01. There is no statistically significant impact of Corporate Social Responsibility (Economic, Ethical, Environmental, and Social) on the brand image at $\alpha \leq 0.05$.

2.4. The Social Factor and Brand Image

The majority, Jordan is a Muslim country, driven by a Muslim belief system, which means it maintains its valuable set of principles from Muslim teachings and Arabic traditions. What is considered appropriate in other countries may not necessarily be so in another country. Recently, Western countries have been attempting to enforce their set of social values and norms on developing countries [26]. However, culture is a crucial variable affected by the environment to which it belongs; it helps us understand how businesses prosper throughout different cultures. Complicated networks of social interactions between family connections can impact entrepreneurship [27]. The existence of ten different cultural groups, each owning a unique set of values, norms, and a belief system of its own. They further argue for the lack of a universally shared social system. This conveys that social beliefs around the world are not the same, and each culture has a unique set of values and norms that govern how society members act; Jordan has a unique set of values as well, which govern how members of the society act. Companies in Jordan adhere to these norms and traditions; they run their businesses according to what is socially acceptable, and if they choose to go against societal norms, they will face rejection from the community [28]. CSR was conceptualized by Bowen as an obligation to society, one that requires organizations to abide by management protocols conforming to societal values [13]. When discussing the concept of CSR, it is crucial to note that it refers to the aspect that deals with concerns regarding how communities influence others, whether they are internal or external parts of the organization, in matters such as the problem of many individuals being unemployed, poverty-stricken societies, and diversity in organizations [29]. Conducting relations with stakeholders of different backgrounds, including consumers and distributors of goods and services, leads to building ties with society [30]. Social enterprises that focus on solving social or environmental problems while generating profits tend to have a positive impact on service quality and brand image [31]. Thus, the first sub-null hypothesis states that:

H01.1. There is no statistically significant impact of Social on the brand image at $\alpha \leq 0.05$.

2.5. The Environmental Factor and Brand Image

The United Nations has developed the 2030 Agenda for Sustainable Development to solve the challenges that are facing the globe. The environment is an aspect of concern, as there are initiatives toward clean water as well as sanitation and, at the same

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time, toward clean and affordable energy, climate, underwater life, and on-land life. By 2022, 193 countries would have joined the mission of sustainable development. Therefore, countries are forced to follow regulations related to sustainable development [32,33].

Different industries are adapting green practices within their core operations to convey a green image in the minds of their customers [34,35]. Green practices refer to any action that a company undertakes to lower its negative effect on the environment. This includes practices such as recycling initiatives conducted by retailers and fast-food restaurant chains, eco-friendly lighting systems in corporations as well as restaurants, and many more. While the green image is the range of perceptions of the brand in the consumers' mindset related to the environment and environmental issues [34].

In some industries, the perception of green practices and their influence on brand image can vary depending on the green practice type as well as the segment it targets. The café/restaurant industry can adopt green practices in terms of food quality and other practices focused on the environment. However, it has been found that green practices related to food, such as serving organic food, and low-sugar recipes, are more valued in upscale restaurants. While casual dinners valued environment-related practices more than practices related to food [36]. Green supply chain practices influence the competitive advantage of the Jordanian Pharmaceutical Manufacturing Industry [37]. This indicates that companies need to understand the types of green practices to adapt to enhance their brand image in the market, as different segments react positively to a certain type of practice compared with others.

Customers' awareness regarding environmental issues plays a key role in the influence of green practices on the company's brand image. Consumers who are aware of environmental issues tend to react positively; hence, green practices would have a positive impact on brand image, while customers who don't view environmental issues as important might be indifferent toward green practices; hence, the green practices would not have an impact on the brand image [34]. Hence, the second sub-hypothesis indicates the following:

H01.2. There is no statistically significant impact of the Environmental on the brand image at $\alpha \leq 0.05$.

2.6. Ethics Factor and Brand Image

When studying the concept of CSR, ethics must be included in the discussion [38]. Ethics can be viewed as basic manners that affect and/or control individuals' behavior or a system of moral rules that dominate behavior [39]. CSR has maintained an integral role in the practices of ethically responsible businesses for a long time; it functions in the process of acting responsibly in the face of a broad variety of stakeholders rather than only shareholders [40]. The term ethics is connected to business and originated in the 1970s. Over time, an approach to business ethics comprised two branches: the philosophical branch, which was prescriptive, and the empirical branch, which was descriptive, and the two somewhat merged. The latter was established from actual social issues of administration and CSR in business approaches. While the former is derived from departments of philosophy and focuses on the field of ethics, put into application. A developed approach to business ethics now considers six varying concerns in the ethical business field. The level of the individual is the first one. It considers the individual's ability to manage challenging situations of an ethical nature, improve one's personality and personal growth at work, familiarize oneself with work morals, as well as combining ethics learned at the job with ones that need to be practiced outside the business world, namely as a member of a family and society. The second deals with the level of the firm, which involves the inner business structure and how it contributes to the promotion of morality among workers and the business itself. The third deals with certain industries; each industry poses moral problems of its own, which cannot be resolved on any level but the industrial one. The following is at the national level, and it includes legal problems, preventive rules against child labor, and protective measures for employees as well as consumers. Furthermore, at the international level, Sustainability **2023**, 15, 10955 6 of 21

dealing with ethical issues brought up by corporations on a global level. Last of all, the global level manages the moral accountability of big companies to provide their help in resolving global problems. One example of this is global warming; such issues can be addressed on a universal level, and countries, as well as businesses, hold accountability for them [41]. Companies must hire managers who strongly value ethics; they will incorporate morality as a rule for every component of the business and make sure of the application of the company's views. Moreover, good managers are those people who encourage ethical practices, consider stakeholders' interests, and encourage transparency and moral conduct when making decisions [42]. Therefore, the following hypothesis is supported:

H01.3. There is no statistically significant impact of Ethical ethics on the brand image at $\alpha \leq 0.05$.

2.7. Economic Factors and Brand Image

The CSR economic dimension is the base of Caroll's CSR pyramid. Any firm that looks forward to achieving other dimensions of CSR first needs to fulfill the economic need. The firm can fulfill its economic needs by being profitable while delivering its product/service [43]. The firm then provides shareholders with adequate returns, pays their employees fair wages, as well as sourcing the right materials to meet customer demands and requirements [44]. Once a company can achieve those objectives, it can expand to include other CSR activities that require capital, such as philanthropy.

There are limited studies regarding the influence of the economic dimension of CSR on brand image. The study found that the CSR economic dimension has a positive influence on the corporate brand image, while the legal dimension does not affect the company brand image [44]. Hence, the sub-hypothesis indicates the following:

H01.4. There is no statistically significant impact of Economics on the brand image at $\alpha \leq 0.05$.

2.8. Consumer Consciousness, CSR, and Brand Image

The current research paper aims to highlight the importance of CSR and brand image in corporations' practices. This is because awareness needs to be raised in certain aspects, such as going green for the environment. When people purchase products knowing that they are eco-friendly, they are likely to develop brand loyalty later on because of the organization's sense of responsibility towards not only society but nature as well. Conscious consumers demand authentic answers regarding companies' practices as well as a sense of duty towards people and the planet that we live on [45]. Transparent companies that do not hide their background and ways of operating attract conscious consumers. Five factors drive consumer consciousness: "honesty, health and safety, relationships, convenience, and doing well. Health and safety motivate customers to look for organic products free of pesticides and chemicals and promote good quality. They stay away from modified products to sustain their health and make sure that nothing they consume could harm them or the planet. This factor could be attributed to the social aspect of CSR, as businesses need to look at the impact their products will have on their consumers' health. While honesty refers to demanding companies detail the features of their products and what benefits they provide to consumers while at the same time being mindful of the effect they have on society and the environment. The second factor could be attributed to social and environmental aspects of CSR, as it is concerned with companies being transparent regarding their impact socially and environmentally. Convenience is about consumers making decisions that save money; people require affordable offerings of quality that meet their needs and wants. Relationships are also a valuable factor for conscious consumers who want to integrate their favorite brands into their lives and are knowledgeable about the most trivial details of the brand. Questions regarding the source of the product and its manufacturer are always likely to come up. The last factor is related to the ethical aspect of CSR, as ethical businesses should look at the ethics of their suppliers as well. Finally, doing well discusses

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the consumers' need to do something good for the environment. They want to feel as if they made a change to the world by purchasing eco-friendly goods from responsible companies [45]. Since the factors that affect consumer consciousness and buying behavior are linked to the different dimensions of CSR, and as discussed earlier in the brand image section, CSR influences brand image. This means that consumer consciousness can play a moderating role in the correlation between CSR and brand image; thus, the second null hypothesis is as follows:

H02. Conscious consumers do not moderate the impact of corporate social responsibility (Economic, Ethical, Environmental, and Social) on the brand image at $\alpha \leq 0.05$.

2.9. The Model

Although philanthropy is considered an important component of CSR, businesses should focus on other categories to drive business success. However, this research will focus on the categories identified in the CSR 2.0 double helix model that focuses on Economic Development, Ethical conduct, Society, and the Environment, as shown in Figure 1 [43].

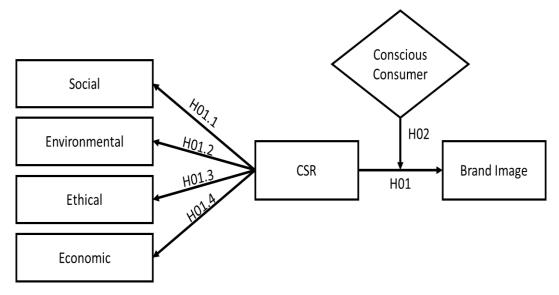


Figure 1. Study Model.

3. Methodology

Research Design

A quantitative, descriptive, and cause-effect method has been used in the study to generate numerical results, which can be used to test the hypotheses developed. An online questionnaire was developed as a main research instrument to collect the data to be used in understanding the correlation between CSR and brand image and how consumer consciousness would moderate the relationship. A convenience cross-sectional sampling method was used, and the survey was distributed via different social media sites such as Instagram and Facebook. All participants were asked if they would like to answer the questionnaire voluntarily. Furthermore, participants were notified in the survey introduction that their identities are entirely anonymous to ensure information confidentiality.

The survey included five segments as shown in Appendix A. The first segment was devoted to demographic dimensions; the second and third segments addressed the independent variables; the fourth segment addressed the dependent variable; and finally, the fifth segment addressed the moderating variable. To ensure language is not a barrier to filling out the survey, each question and its answers were translated into Arabic. Demographic dimensions included respondents' gender, respondents' age, and respondents' educational level. To measure the independent variable CSR, 12 items were divided into

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four sets, (Social, Environmental, Economic, and Ethical responsibilities), and each set includes three items. In addition, brand image was measured using three items. Lastly, consumer consciousness, the moderating variable, was measured by six items. The researchers adopted a Likert scale for all statements in the survey other than the demographic section. The Likert scale consists of five points, with scores ranging from 1–5. 1 indicates Strongly Disagree, 2 Disagree, 3 Neutral, 4 Agree, and 5 Strongly Agree.

The target audience of the study includes all people living in Jordan over the age of 18 years old. The study included all nationalities residing in Jordan and excluded Jordanian nationals living abroad. To ensure participants' eligibility to fill out the online survey, participants were required to answer the filtering question, "Do you live in Jordan?" If the participants answered "Yes", then they would be allowed to complete the survey, while respondents who answered "No" could not proceed to the following sections of the survey. Out of 455 respondents, 440 answered the filtering question with "Yes." A total of 440 respondents who filled out the questionnaire were used for the analysis.

4. Data Analysis and Results

4.1. Demographics

In the demographic section of the questionnaire, participants were required to specify their gender, age, and earned academic degree. Table 1 indicates that 440 individuals responded to the survey; 250 (56.8%) of them are males and 190 (43.2%) are females, meaning that the number of males outweighed that of females. As for age, the respondents' majority are above the age of thirty years old, precisely 309 (70.2%) respondents. Other age groups constructed 131 (nearly 30%) of the total participants in the survey. Finally, individuals holding a bachelor's degree accounted for the highest percentage of respondents, which was equivalent to 243 (55.2%) of respondents.

Table 1. Demograp	hic Frequency Table.
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		Frequency	Percent
	Male	250	56.8
Gender	Female	190	43.2
	Total	440	100.0
	Less than 20 years	17	3.9
	20 to 24 years	76	17.3
Age	25 to 30 years	38	8.6
	More than 30 years	309	70.2
	Total	440	100.0
	Less than Diploma	30	6.8
Education	Bachelor	243	55.2
Education	Post-graduate	167	38.0
	Total	440	100.0

4.2. Validity

Principal Component Analysis with Kaiser-Meyer-Olkin (KMO) measures has been used to test the validity of constructs. Some previous studies stated that factor loading higher than 0.40 is accepted, while other studies indicated that factor loading above 0.50 is accepted; Table 2 shows that factor loading for all constructs and items is greater than 0.50 [46–48]. KMO indicates the sampling adequacy, homogeneity, harmony, and interrelationships among items KMO between 0.80 and 1 shows high inter-correlation, between 0.60 and 0.80 shows medium inter-correlation, and above 0.60 is accepted [47,49–51]. Table 2 indicates that all KMO values are accepted, where the lowest value for Brand Image is

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0.598, about 0.60. Chi² values support these results. The variance shows the explanation power of the items, some previous studies said that a variance value above 0.50 is accepted, while others said that 0.40 is accepted [47,50,51]. All constructs show variance values above 0.50, except Consciousness, which shows 42.317. Finally, the significance of Bartlett's Test of Sphericity at 0.05 (95% confidence) shows that using factor analysis is suitable [46,50].

Table 2. Descriptive, Validity, and Reliability Analysis.

Item	Mean	S.D.	F1	KMO	Chi ²	df	Sig.	Var.	Alpha
Social 1	3.67	0.698	0.806						
Social 2	3.73	0.623	0.663	0.616	202.330	3	0.000	59.292	0.651
Social 3	3.66	0.608	0.830	_					
Environmental 1	3.55	0.741	0.787						
Environmental 2	3.69	0.702	0.761	0.638	151.907	3	0.000	56.959	0.622
Environmental 3	3.63	0.672	0.714	_					
Economic 1	3.96	0.757	0.722						
Economic 2	4.20	0.818	0.819	0.621	166.356	3	0.000	57.551	0.625
Economic 3	3.86	0.934	0.732	-					
Ethical 1	3.65	0.849	0.802						
Ethical 2	3.48	0.859	0.824	0.619	194.021	3	0.000	58.927	0.648
Ethical 3	3.89	0.838	0.667	-					
BrandImage 1	3.55	0.750	0.683		170.571		0.000	57.215	0.616
BrandImage 2	3.90	0.671	0.833	0.598		3			
BrandImage 3	3.85	0.755	0.745	_					
Consciousness 1	3.94	0.727	0.668						
Consciousness 2	3.81	0.947	0.566	_					
Consciousness 3	4.11	0.676	0.565	-	450 000	15	0.000		0.715
Consciousness 4	3.93	0.876	0.628	0.770	459.090			42.317	
Consciousness 5	3.99	0.705	0.759	=					
Consciousness 6	3.85	0.806	0.696	=					
Social	3.69	0.494	0.906						
Economic	4.01	0.635	0.839	0.760	1210 041		0.000	70.027	
Environment	3.62	0.533	0.874	- 0.760	1319.041	6	0.000	78.826	0.903
Ethical	3.67	0.650	0.930	_					
CSR	3.69	0.505							
Brand Image	3.77	0.546							
Consciousness	3.94	0.511							

Principal Component Analysis, Sig. ≤ 0.05 .

4.3. Reliability

To test the accuracy and reliability of the internal consistency of this survey, the researchers used Cronbach's Alpha coefficients. Cronbach's Alpha is among the most commonly used instruments to measure reliability [52]. It is crucial to detail the outcome of gauging Cronbach's Alpha when applying Likert Scale questions in surveys [53]. Reliability illustrates the extent to which a questionnaire, for example, will generate consistent outcomes in different situations if we do not change anything else (Roberts and Priest,

2006). Cronbach's Alpha coefficient of more than 0.60 is accepted [46,47]. Table 2 shows that all values exceed the threshold of 0.6.

4.4. Descriptive Statistics

Descriptive statistics describe the attributes of a specific sample [54] and characterize how variables are related in the sample [55]. The researchers used standard deviations and the mean for this paper. Means is a measurement of the location, while standard deviation is a measurement of the dispersion in data concerning the mean [56]. Table 2 demonstrates that all means and standard deviation show that the respondents agree on medium to high implementation of all items and constructs.

4.5. Relationships among Variables and Sub-Variables

The Pearson correlation (the square root of their variances) is the most widely used to measure the correlation between two quantitative constructs; it measures the strength of the linear relationship between two variables [57–59]. Table 3 indicates that the relationships among CSR sub-variables are strong, where r between 0.621 and 0.817, the relationships between each CSR sub-variable and brand image are medium-rated between 0.435 and 0.635, and the relationships between each CSR sub-variable and consciousness are medium-rated between 0.506 and 0.594. Moreover, the correlation between CSR and brand image is medium, where r equals 0.616, and consciousness is medium rated 0.626. Finally, the correlation between brand image and consciousness is medium, where r equals 0.619.

No.	Variables	1	2	3	4	5	6	7
1	Social							
2	Economic	0.725 **						
3	Environment	0.666 **	0.621 **					
4	Ethical	0.817 **	0.653 **	0.816 **				
5	CSR	0.893 **	0.857 **	0.879 **	0.919 **			
6	Brand Image	0.635 **	0.543 **	0.435 **	0.590 **	0.616 **		
7	Consciousness	0.581 **	0.546 **	0.506 **	0.594 **	0.626 **	0.619 **	1

Table 3. Correlations among Variables and Sub-Variables.

4.6. Hypotheses Testing

Before using regression the following assumptions should be not violated Validity, Reliability, Relationships between Variables, Normality, Linearity, Heteroscedasticity, and Multi-Collinearity [60–63].

Normality: Figure 2 shows that the data is normally distributed, so the normality assumption is not violated.

Linearity: Figure 3 shows that there is a linear relationship between variables, then the linearity assumption is ensured.

Heteroscedasticity Test: Figure 4 indicates that there is an equality of variance and errors are not related to each other; hence, the Heteroscedasticity assumption is confirmed.

Multi-Collinearity Test: Table 4 suggests that if tolerance values are greater than 10% and the VIF is less than 10, the independent variables are not highly correlated to each other, therefore the multi-collinearity assumption is not violated.

^{**.} Correlation is significant at the 0.01 level (2-tailed).

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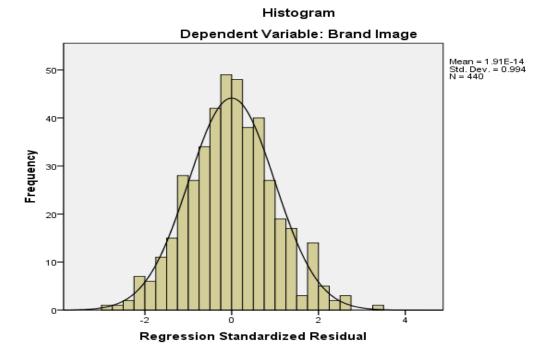


Figure 2. Normality Test.

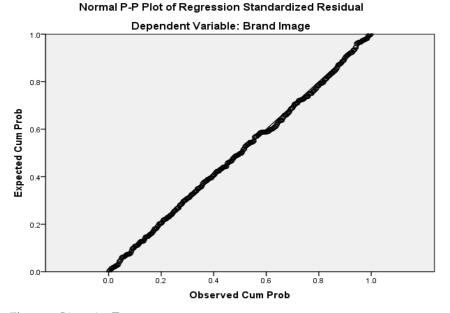


Figure 3. Linearity Test.

4.7. Regressions

H01. There is no statistically significant impact of Corporate Social Responsibility (Economic, Ethical, Environmental, and Social) on the brand image at $\alpha \leq 0.05$.

When regressing CSR sub-variables against the brand image, model 1 in Table entitled "Regression Analysis (ANOVA)" shows that the relationship between them is 66.3% and the CSR explains 44.0% of the brand image variation, where $R^2=0.440$, f=85.446, sig. = 0.000. Therefore, the null hypothesis is ignored and the opposite hypothesis is confirmed, which suggests that there is a statistically significant influence of CSR (Economic, Ethical, Environmental, and Social) on the brand image at $\alpha \leq 0.05$.

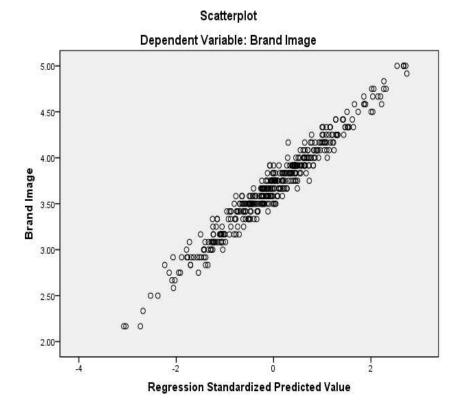


Figure 4. Heteroscedasticity Test.

Table 4. Multi-Collinearity Test.

Model		Collinearity Statistics				
Widdei		Tolerance	VIF			
	(Constant)					
	Social	0.266	3.762			
1	Economic	0.440	2.274			
	Environment	0.317	3.156			
	Ethical	0.199	5.019			
	(Constant)					
	Social	0.263	3.806			
_	Economic	0.424	2.357			
2	Environment	0.317	3.156			
	Ethical	0.193	5.181			
	Consciousness	0.597	1.676			

H01.1. There is no statistically significant impact of Social on the brand image at $\alpha \leq 0.05$.

The first model in Table 5 suggests that social responsibility positively affects the brand image, where $\beta = 0.353$, t = 5.073, sig.=0.000, so the null hypothesis is denied and the opposite hypothesis is confirmed, which suggests that there is a significant positive influence of social on the brand image at $\alpha \leq 0.05$.

Table	5.	Regression Ar	nalvsis.

	Model -	Unstandardiz	ed Coefficients	Standardized Coefficients	t	Sig.	
	Wiodei	B Std. Error		Beta	•	J-5.	
	(Constant)	1.099	0.148		7.411	0.000	
	Social	0.387	0.076	0.353	5.073	0.000	
1	Economic	0.158	0.046	0.187	3.452	0.001	
	Environment	-0.166	0.057	-0.187	-2.931	0.004	
	Ethical	0.340	0.082	0.332	4.126	0.000	
	(Constant)	0.505	0.157		3.223	0.001	
	Social	0.325	0.072	0.297	4.541	0.000	
2	Economic	0.092	0.043	0.109	2.119	0.035	
4	Environment	-0.169	0.053	-0.190	-3.187	0.002	
	Ethical	0.228	0.078	0.223	2.920	0.004	
	Consciousness	0.375	0.046	0.351	8.095	0.000	

Dependent Variable: Brand Image, T-Tabulated = 1.960.

H01.2. There is no statistically significant impact of the Environmental on the brand image at $\alpha \leq 0.05$.

The first model in Table 5 suggests that environmental responsibility negatively affects the brand image, where $\beta = -0.187$, t = -2.931, sig.=0.004, so the null hypothesis is denied and the opposite hypothesis is confirmed, which suggests that there is a significant negative influence of environmental responsibility on the brand image at $\alpha \leq 0.05$.

H01.3. There is no statistically significant impact of Ethical ethics on the brand image at $\alpha \leq 0.05$.

The first model in Table 5 suggests that ethical responsibility positively affects the brand image, where $\beta = 0.332$, t = 4.126, sig.=0.000, so the null hypothesis is denied, and the opposite hypothesis is confirmed, which suggests that there is a significant positive influence of ethical responsibility on the brand image at $\alpha \le 0.05$.

H01.4. There is no statistically significant impact of Economics on the brand image at $\alpha \leq 0.05$.

The first model in Table 5 suggests that economic responsibility positively affects the brand image, where $\beta=0.187$, t=3.452, sig.=0.001, so the null hypothesis is denied and the opposite hypothesis is confirmed, which suggests that there is a significant positive influence of economic responsibility on the brand image at $\alpha \leq 0.05$.

Moreover, model 2 in Table 6 shows that consciousness moderates the influence of CSR on the brand image, so CSR explains 51.3% of brand image variation, where R^2 = 0.513, f = 91.602, sig. = 0.000. R^2 has been increased from 0.440 to 0.513, i.e., 0.073 about 7.3%. Table 6 Model 2 shows the details of the consciousness moderation effect on each CSR sub-variable. Therefore, the null hypothesis is ignored and the opposite is accepted, which confirms that conscious consumers moderate the influence of CSR (Economic, Ethical, Environmental, and Social) on the brand image at $\alpha \leq 0.05$.

Table 6	.Regression 1	Analysis ((ANOVA).
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Model	r	R ²	Adjusted R ²	f	Sig.
1	0.663 a	0.440	0.435	85.446	0.000 a
2	0.717 b	0.513	0.508	91.602	0.000 b

a. Predictors: (Constant), Ethical, Economic, Environment, Social; b. Predictors: (Constant), Ethical, Economic, Environment, Social, Consciousness; Dependent Variable: Brand Image.

H02. Conscious consumers do not moderate the impact of corporate social responsibility (Economic, Ethical, Environmental, and Social) on the brand image at $\alpha \leq 0.05$.

5. Discussion

Results demonstrate that the Jordanian Apparel Industry has moderate to high implementation of all items and constructs of CSR. Moreover, there are strong relationships among CSR sub-variables: a strong relationship between CSR sub-variable and brand image, a strong relationship between CSR sub-variable and consciousness, a strong relationship between CSR and brand image, strong correlation with consciousness, and a strong relationship between brand image and consciousness that is medium.

The results show that there is a significant positive influence of CSR (Economic, Ethical, Environmental, and Social) on the brand image at $\alpha \leq 0.05$. This result is in line with previous studies, such as organizations with higher brand equity having a higher financial position [20]. Brand image affects most target markets [21]. The brand is a valuable asset that affects purchase decisions [22]. Consumers relate the brand to their experience or other people's experience [23]. CSR improves the brand's reputation, which affects the brand image and customers' purchases [24]. CSR encourages consumers to think positively about the brand, which creates a positive brand image [25].

The results show that there is a significant positive influence of social media on the brand image at $\alpha \leq 0.05$. Cultural and social interactions between family impact entrepreneurship [27]. This conveys that social beliefs, norms, and traditions affect reputation [28]. Concern about society, which is a part of CSR, is important to organizations [13]. The concept of CSR includes social responsibility related to unemployment, poverty, and diversity in organizations [29]. Good relations with stakeholders affect organizations' and brands' image [30]. Social organizations concerned about social or environmental problems generate more profit and have a positive influence on service quality and brand image [31].

The results suggest that there is a significant positive influence of ethical responsibility on the brand image at $\alpha \leq 0.05$. This result is consistent with previous studies, which indicate that ethics should be considered within organizations' practices [38]. Ethics control individuals' behaviors [39]. Ethics is an integral part of CSR [40]. The developed models of CSR include ethical business behavior and morality among workers and the business itself. It also includes legal problems, child labor, employees, as well as consumers. This affects international business at the global level [41]. Companies have to appoint managers who consider transparency, ethics, and business moral values within their daily practices [42]. Ethical business enhances brand image and brand equity [64,65].

The results suggest that there is a significant positive influence of economic responsibility on the brand image at $\alpha \leq 0.05$; this result has been proven by previous literature, such as organizations having to fulfill their economic needs for society as well as for the organizations [43]. Economic benefits should cover not only owners and customers but also employees and society [44]. Economic responsibility is crucial for an organization's existence [66]. Considering the CSR economic dimension enhances the corporate brand image [44].

However, the results indicate that there is a significant negative influence of environmental responsibility on the brand image at $\alpha \leq 0.05$. This result disagrees with the results of previous studies and United Nations regulations regarding environmental responsibility [32,33]. Nowadays, customers are aware of environmental issues and organizations'

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practices that influence purchasing decision-making [67]. Applying environmental responsibility affects the brand image and competitive advantage [34–36]. Green practices in operations convey a green image, which affects the minds of customers [34,35]. Green practices mean reducing the negative effect on the environment, which creates a green image and affects the perception of customers about the brand image [34]. The perception of green practices influences the brand image [36]. Customers' awareness regarding environmental issues plays a significant role in the influence of green practices on the company's brand image [34]. The pharmaceuticals manufacturing industry is concerned about CSR dimensions, which impact their performance; environmental responsibility has rated the highest effect on performance, followed by economic and social responsibilities [68]. Both environmental and ethical responsibilities impact consumer engagement and purchase decision-making, while economic and philanthropic responsibilities do not impact customer engagement and purchase decision-making [69].

Finally, the results confirm that conscious consumers moderate the impact of CSR (Economic, Ethical, Environmental, and Social) on the brand image at $\alpha \leq 0.05$. Customer awareness about green challenges is increasing, especially related to the green environment and eco-friendly practices, which affect brand loyalty [45]. Transparency influences the customers' consciousness. Customers are concerned about their health. Honest and transparent organizations provide details about their product features and their effect on society and the environment. This affects consumers' decision-making. Customers' consciousness influences brand image. Also, the ethical aspect of CSR should be considered in business practices, which affects purchasing eco-friendly products [45]. Finally, customers' awareness of green practices positively influences brand image [34].

6. Conclusions

This study aims to understand the relationship between CSR and brand image and how consumer consciousness would moderate the relationship. This study uses a quantitative, descriptive, cause-effect, and cross-sectional approach, conducted online with a convenience sample. It includes Jordanian participants who are more than 18 years old. Out of 455 respondents, 440 questionnaires were suitable for further analysis. The independent variable CSR was measured by 12 items. which were divided into four sets (social, economic, environmental, and ethical responsibilities); each set includes three items; brand image is used as a dependent variable and was measured by three items, and consumer consciousness, as a moderating variable, was measured by six items. The majority of respondents are male, thirty years old, and hold a bachelor's degree.

Results demonstrate that the Jordanian Apparel Industry has moderate to high implementation of all items and constructs of CSR. Moreover, there are strong relationships among CSR sub-variables, between each CSR sub-variable and brand image, between each CSR sub-variable and consciousness, between CSR and brand image, a medium relationship with consciousness, and between brand image and consciousness. Results of the first suggested model show that CSR (Economic, Ethical, Environmental, and Social) influences the brand image. Where social responsibility has been rated as having the highest influence on brand image, followed by ethical and economic responsibilities, while environmental responsibility has a negative influence on brand image. The second suggested model indicates consciousness is moderating the influence of CSR on the brand. The significant negative effect of environmental responsibility may be related to the apparel industry in Jordan, which is not concerned too much about the environment because they believe that this industry does not use operations that affect the environment similar to other manufacturing industries. Furthermore, the pharmaceutical manufacturing industry in Jordan showed that environmental responsibility rated the highest influence on competitive advantage [68]. Environmental and ethical responsibilities affect consumer engagement and purchasing decision-making, while economic and philanthropic responsibilities do not have a significant effect on customer engagement and purchasing decision-making [69].

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Limitations, Recommendations, and Future Studies: Since the current research was conducted in the apparel industry in Jordan, it has many limitations related to the generalizability of the results, especially the negative effect of environmental responsibility on the brand image even in the presence of consciousness. Therefore, there is a need for longitudinal research on the Jordanian Apparel industry, as well as the need to test the effect of CSR on other Jordanian industries. In addition, there is a need to conduct studies related to the effect of CSR on other industries as well as on other developing countries and compare the results with those of Western countries.

Theoretical Implications: The study uses the four dimensions of CSR, which were developed by several authors, and shows the importance of these dimensions for daily business practices, while many previous studies used only the three dimensions of social, economic, and environmental responsibilities. The current study also uses customers' consciousness as a moderation variable that increases the influence of CSR on brand image. The results show that other dimensions may be added to the model based on the industry, such as considering local culture and industry norms.

Practical Implications: Owners and managers of organizations have to apply all CSR within their daily business practices, which affects the reputation and image of the organization and its brands. The Jordanian Apparel industry has to revise its daily activities to be more transparent and enhance customers' awareness about their environmental responsibility, which in turn influences brand image. Moreover, CSR dimensions have to be included within their strategy, and daily practices as well as training about CSR should be continuously conducted.

Social Contribution: The current research theoretically contributes to existing studies by adding a new research paper regarding the effect of CSR dimensions on brand image and using consciousness as a moderating variable. Practically, it increases the awareness of owners, managers, and customers regarding the importance of CSR dimensions to increase organizations' social and economic contributions as well as protect the environment from any non-eco-friendly activities.

Research Originality: The current research is one of the few studies, which investigates the effect of CSR dimensions on brand image, and it may be the first research that uses consciousness as a moderation variable for the effect of CSR on brand image in the Apparel industry in Jordan.

The questionnaire used for the survey (Table A1) can be found in Appendix A.

Author Contributions: Conceptualization, S.A.-H., R.A.N. and D.H.; methodology, A.-A.A.S. and S.A.-H.; software, A.-A.A.S.; validation, S.A.-H. and A.A.A.; formal analysis, A.-A.A.S.; investigation, R.A.N. and D.H.; resources, S.A.-H.; data curation A.-A.A.S.; writing—original draft preparation, R.A.N. and D.H.; writing—review and editing, S.A.-H. and A.A.A.; visualization, A.A.A. and R.M.; supervision, S.A.-H. and R.M.; project administration, S.A.-H. and R.M.; funding acquisition, A.-A.A.S. All authors have read and agreed to the published version of the manuscript.

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Data Availability Statement: The data presented in this study are available on request from the corresponding author.

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Conflicts of Interest: The authors declare no conflict of interest.

Appendix A

Table A1. Survey.

Survey for Academic Research Titled	استبانة لبحث علمي تحت عنوان
The Effect of Corporate Social Responsibility (CSR) on the brand image: Conscious consumers moderating variable	بالاعتماد على متعبر وعي المستهلك بتأثير المسؤولية الاجتماعية للشركات على صورة العلامة التجارية
You are participating in the academic research titled	أنت تشارك بالبحث الأكادعي بعنوان
"The Effect of Corporate Social Responsibility (CSR) on the brand image: Conscious Consumers moderating variable". The research is conducted in Jordan and involves studying the connection between corporate social responsibility and brand image while considering consumer	."بالاعتماد على متفير وعى الستهلك تأثير المسؤولية الإجتماعية للشركات على صورة العلامة التجارية"
consciousness as a moderating variable, specifically in the apparel industry.	البحث سيتم في الأردن ويحتوي على دراسة العلاقة ما بين المسؤولية الإجتماعية للشركات وصورة العلامة التجارية مع الأخذ بعين الاعتبار متفير وعي المستهلك، تحديداً في قطاع الملبوسات
You will be asked to complete a survey that has four parts. The first part includes demographic information; the second part includes the corporate social responsibility questions which comprise two parts (The social and environmental responsibility factors, and the ethics and economic responsibility factors); the	.(الدعوغرافية)الحزء الأول يحتوي على المعلومات السكانية سوف يتم الطلب منك مالي الاستبيان والذي يحتوي على أربعة أجزاء
third part includes questions about brand image; and the final part includes consumer consciousness questions. There are no risks associated with this research and the research data will strictly be used for academic purposes. Only the researchers will be allowed to review	المسؤولية الاجتماعية والديئية، والمسؤولية الأخلاقية والاقتصادية :الحزء الثاني يحتوي على أسئلة المسؤولية الاجتماعية للشركات والتي تتكون من جزئين هما
the data. Under no circumstances will the results of each survey be tied to specific individuals and your participation will be anonymous.	الموري على بعد يو وبيها ومسوري ما حربي و مستديد عمير مسايي . وي على مستد مسوري على بسرات و دي عد ول على البرون . أما الحزه الأخير، فيحتوي على أسئلة وعى المستهلك الحزء الثالث يحتوي على أسئلة صورة العلامة التجارية
use note, your participation is voluntary, and you are not obligated to complete the survey. At any time, you can stop your survey and ask for your survey to be uded from the research. see note, you will not receive any type of payment for participating in this study or survey. Filling out the Survey will take about ten minutes of your time. seep your identity confidential, no identifying information will be asked. Your survey will be entered into a database where the survey will get a number and archers will use this data file to get the results. If the surveyor asks for your personal information, please do not complete the survey. main researcher is Dr. Shafig Brahim Al-Haddad –Professor of Marketing in the Business Administon Department at King Talal School of Business	. هقط الباحثين سيسمح لهم بمراجعة البيانات .لا يوجد أي مخاطر لهذا البحث ويبانات البحث سوف تستخدم بشكل حصرى للأغراض الأكادعية
	وستبقى مشاركتكم مجبولة الاسم ولن يسمح تحت أي ظرف بالاطلاع على محتوى أي استبيان مؤد والذي قد يمكن منه ربط مالئ الاستبيان مع النموذج المحدد
The main researcher is Dr. Shatig Brahim Al-HaddadProtessor of Marketing in the Business Administration Department at King Ialal School of Business Technology at Princess Summaya University for Technology. For contact, the phone number for the main researcher is +962-0/97-664-6461 and the email is	الرجاء العلم بأن مشاركتكم طوعية، ولستم ملزمين بإكمال الاستبيان،كما تستطيعون في أي لحظة أن توقفوا استبيانكم وتطلبوا استثناءه من البحث
s.haddad@psut.edu.jo	هائي الاستبيان سيأخذ حوالي عشر دقائق من وقتكم بالرجاء العلم، أنكم لن تحصلوا على تعويض مادي للمشاركة بهذا البحث أو الاستبيان
	للحفاظ على سرية هويتكم، لن يتم الطلب منكم بتزويد أي معلومات عكن أن تعرّف بكم
	(جامع البيانات)إذا قام المتباح سيتم ترقيم استبيانكم ومن ثم إدخالها إلى قاعدة البيانات، والباحثون سيستخدمون قاعدة البيانات)إذا قام المتباح البحث
	.بطلب أي معلومات شخصية، الرجاء عدم ملئ أو إكمال الاستبيان
	الباحث الرئيسي لهذا البحث هو الدكتور شفيق ابراهيم الحداد استاذ التسويق في قسم إدارة الأعمال بكلية الملك طلال لتكنولوجيا الأعمال في جامعة الأميرة سمية للتكنولوجيا
	للتواصل مع الباحث رقم تلفون الباحث هو
	+962-(0)79-664-6461 والاعبل هو s.haddad@psut.edu.jo
	التوقيع
	التاريخ .18 January 2023:
I agree to participate in the Survey (☐ Yes ☐ No)	(لا □نعم □أأوافق على المشاركة بالاستبيان
Section One: Demographic Information Gender	(الدعوغرافية)الملومات السكانية تالجزء الأول
Male	الجنس ذكر
Female	در انقی
Age	انمي العمر
Less than 20 years old	. سنة 20 سنة 20أقل من
From 20 to less than 25 years old	سنة 25سنة إلى أقل من 20من سنة 25سنة إلى أقل من 20من
From 25 to less than 30 years old	سنة 30سنة إلى أقل من 25من
30 years old or above	00 سنة أو أكبر
Earned Academic Degree	التحصيل العلمي الأكودعي
Diploma or less degree	درجة الدبلوم أو أقل درجة الدبلوم أو أقل
Bachelor's degree	درجة البكالوريوس
Master's or Doctorate degree (Postgraduate)	(دراسات عليادرجة الماجستير أو دكتوراه
Section Two: Corporate Social Responsibility Questions	أسلة المسؤولية الاجتماعية للشركات نالحزء الثاني

Table A1. Cont.

Strongly Disagree	Disagree			Indifferent			Agree	تبانة لبحث علمي تحت عنوان Strongly Agree
SD	D			I			A	SA
لا أتفق بشدة	لا أتفق			محايد			أتفق	أتفق بشدة
The Social and Environmental Factors Question		SD	D	I	A	SA		وامل الاجتماعية
I reject apparel brands that enforce values that as belief system.	re not acceptable in my country and							ض التعامل مع ماركات الملابس التي تفرض قيماً ليست مقبولة في بلدي ولا تتوافق مع عقيدتي
Before purchasing, I pay attention to companies	or brands that follow social practices.						ء، أهتم بالشركات أو العلامات التجارية التي تتبع المهارسات الاجتماعية	
I only purchase from apparel brands that have a	good societal image							م بالشراء فقط من ماركات الملابس التي تتمتع بصورة مجتمعية جيدة
The Environmental Factors		SD	D	I	A	SA		امل البيئية
I value apparel brands that adopt green practices	s within their supply chain such as recycling							ِ ماركات الملابس التي تتبني الممارسات الخضراء داخل سلسلة التوريد الخاصة بها مثل إعادة التدوير
I will not purchase from apparel brands that use fur, leather, etc.)	animal skin to produce their product line (i.e.,							ل الفراء والحبلود وما إلَّى ذلك)لن أشتري من ماركات الملابس التي تستخدم جلد الحيوانات لإنتاج منتجاتها
I feel more attracted to apparel brands that adop LED lighting.	t green practices within their shops such as							المأشعر بمزيد من الانجذاب إلى ماركات الملابس التي تعتمد الممارسات الخضراء داخل متاجرها مثل إضاءة
The Ethical Factors		SD	D	I	A	SA		إمل الأخلاقية
Purchasing from ethical apparel brands makes m my decisions	ne feel responsible and conscious of							راء من ماركات الملابس الأخلاقية يجعلني أشعر بالمسؤولية والوعي تجاه قراراتي
I will boycott apparel brands that make unethica	l choices							ف أقاطع ماركات الملابس التي تتخذ قرارات غير أخلاقية
I do not purchase from apparel brands that misti fair wages	reat their employees such as not giving						ماركات الملابس التي تسيء التعامل مع موظفيها مثل عدم إعطاء أجور عادلة	
The Economic Factors		SD	D	I	A	SA		إمل الاقتصادية
I prefer apparel brands that focus on the quality	of their products despite the prices they charge							ل ماركات الملابس التي تركز على جودة منتجاتها على الرغم من الأسعار التي تفرضها
Apparel brand profitability affects how I perceiv	e the products they offer							ربحية ماركات الملابس على كيفية إدراكي للمنتجات التي تقدمها
I value brands that contribute to the developmer sharing knowledge	nt of the apparel industry by						ركات التي تساهم في تطوير صناعة الملابس من خلال نشر المعرفة	
Section Three: Brand Image Questions	,		•		'			ورة العلامة التجارية :الحجزء الثالث
Strongly Disagree SD	Disagree D			Indifferent I			Agree A	Strongly Agree SA
لا أتفق بشدة	لا أتفق			محايد			أتفق	أتفق بشدة
Brand Image Questions		SD	D	I	A	SA		ة صورة العلامة التجارية
I feel a sense of loyalty toward apparel brands th	at care about societal and environmental issues							ر بالانتماء تجاه ماركات الملابس التي تهتم بالقضايا المجتمعية والبيئية
I purchase from companies with a good brand in	nage							م بالشراء من الشركات التي تتمتع بصورة علامة تجارية جيدة
I will not purchase from apparel brands that hav their products are	-							أشتري من ماركات الملابس التي لديها صورة سلبية للعلامة التجارية مهما كانت منتجاتها تتمتع بجودة عالية
Section Four: Consumer Consciousness Questi	ions				1			للة وعى المستهلكين :الجزء الرابع
Strongly Disagree SD	Disagree D			Indifferent I			Agree Strongly Agree A SA	
لا أتفق بشدة	لا أتفق			محايد			أتفق بشدة أتفق	
Consumer Consciousness Questions		SD	D	I	A	SA	المتهلكين المتهلكين	
<u> </u>							ي منتهلكاً واعياً مى مستهلكاً واعياً	
consider myself a conscious consumer	making of the product (components quality							- ي ، ر . . المكونات، الحجودة، إلخ)عند الشراء، أهتم دائماً بكيفية صنع المنتج
When purchasing, I am always interested in the	making of the product (components, quanty,				1		25 Hz He Mr	
When purchasing, I am always interested in the etc)								ف أكر، الشراء من الشركات التي تدرك دورها تجاه المجتمع والبيئة
When purchasing, I am always interested in the etc) I will continue to buy from brands that are award	e of their actions toward society and nature							ف أكرر الشراء من الشركات التي تدرك دورها تجاه المجتمع والبيئة أما السراكات اللان التر تقدم التوعات للمجتمع
I consider myself a conscious consumer When purchasing, I am always interested in the etc) I will continue to buy from brands that are awar I would switch to apparel brands that provide de I will boycott apparel brands that use child labor	e of their actions toward society and nature onations to the society							ف أكرر الشراء من الشركات التي تدرك دورها تحجاه المجتمع والبيئة تقل إلى ماركات الملابس التي تقدم التبرعات للمجتمع الهم ماركات الملابس التي تستمل عمالة الأطفال في عملية إنتاجها

References

 Moratis, L. Standardizing a Better World? Essays and Critical Reflections on the ISO 26000 Standard for Corporate Social Responsibility. Ph.D. Thesis, Open Universiteit, Ridderkerk, The Netherlands, 2015.

- 2. Carroll, A.B. A History of Corporate Social Responsibility: Concepts and Practices; Oxford Academic: Oxford, UK, 2015; ISBN 9780191576997.
- 3. Jamali, D. CSR in Developing Countries Through an Institutional Lens. In *Corporate Social Responsibility and Sustainability:* Emerging Trends in Developing Economies; Emerald Group Publishing Limited: Bingley, UK, 2014; Volume 8, pp. 22–44. [CrossRef]
- 4. Hung Chen, C. The Major Components of Corporate Social Responsibility. J. Glob. Responsib. 2011, 2, 85–99. [CrossRef]
- 5. Thorisdottir, T.S.; Johannsdottir, L. Corporate Social Responsibility Influencing Sustainability within the Fashion Industry. A Systematic Review. *Sustainability* **2020**, *12*, 9167. [CrossRef]
- 6. Ahmad, A.M.K.; Alsharqi, O.Z.; Al-Borie, H.M.; Ashoor, M.M.; Al-Orige, A.S. Corporate Social Responsibility and Brand Image: An Empirical Investigation of Private Sector Hospitals in Saudi Arabia. *Int. Bus. Res.* **2016**, *9*, 91–97. [CrossRef]
- 7. Abu Zayyad, H.M.; Obeidat, Z.M.; Alshurideh, M.T.; Abuhashesh, M.; Maqableh, M.; Masa'deh, R. Corporate Social Responsibility and Patronage Intentions: The Mediating Effect of Brand Credibility. *J. Mark. Commun.* **2021**, 27, 510–533. [CrossRef]
- 8. Agustina, F.I.; Azmi, H. Effect of Corporate Social Responsibility Program on Corporate Image in Jordan Lombok. *Sci. Res. J.* **2019**, *VII*, 27–31. [CrossRef]
- 9. Ahmad, A.M.K.; Shattal, M.H.A.; Rawashdeh, L.A.; Ghasawneh, J.; Nusairat, N. Corporate Social Responsibility and Brand Equity of Operating Telecoms: Brand Reputation as a Mediating Effect. *Int. J. Sustain. Econ.* **2022**, *14*, 78–97. [CrossRef]
- 10. Windsor, D. The Future of Corporate Social Responsibility. Int. J. Organ. Anal. 2001, 9, 225–256. [CrossRef]
- 11. Asiaei, K.; O'Connor, N.G.; Moghaddam, M.; Bontis, N.; Sidhu, J. Corporate Social Responsibility and Performance Measurement Systems in Iran: A Levers of Control Perspective. *Corp. Soc. Responsib. Environ. Manag.* **2023**, *30*, 574–588. [CrossRef]
- 12. Dahlsrud, A. How Corporate Social Responsibility Is Defined: An Analysis of 37 Definitions. *Corp. Soc. Responsib. Environ. Manag.* **2008**, *15*, 1–13. [CrossRef]
- 13. Sharabati, A.A. Effect of Corporate Social Responsibility on Jordan Pharmaceutical Industry's Business Performance. *Soc. Responsib. J.* **2018**, *14*, 566–583. [CrossRef]
- 14. Wan-Jan, W.S. Defining Corporate Social Responsibility. J. Public Aff. 2006, 6, 176–184. [CrossRef]
- 15. Frizon, J.A.; Eugénio, T.; Falcão, A.S. Is It Worthwhile for Organizations To Have Socially Responsible Management Practices? *Rev. Adm. Empres.* **2022**, *62*, e2021-0299. [CrossRef]
- 16. Guzmán, F.; Davis, D. The Impact of Corporate Social Responsibility on Brand Equity: Consumer Responses to Two Types of Fit. *J. Prod. Brand Manag.* **2017**, *26*, 435–446. [CrossRef]
- 17. Davidson, D.K.; Tanimoto, K.; Jun, L.G.; Taneja, S.; Taneja, P.K.; Yin, J. Corporate Social Responsibility across Asia: A Review of Four Countries. In *Corporate Social Responsibility*; Emerald Publishing Limited: Bingley, UK, 2018; Volume 360, pp. 73–132, ISBN 9781787542617.
- 18. Tuan, L.T. Corporate Social Responsibility, Leadership, and Brand Equity in Healthcare Service. *Soc. Responsib. J.* **2012**, *8*, 347–362. [CrossRef]
- 19. Department of Statistics Unemployment Report—Q2. 2022. Available online: http://dos.gov.jo/dos_home_e/main/archive/Unemp/2022/Emp_Q2_2022.pdf (accessed on 6 January 2023).
- 20. European Commission. European Civil Protection and Humanitarian Aid Operations: Jordan Factsheet. Available online: https://civil-protection-humanitarian-aid.ec.europa.eu/where/middle-east/jordan_en (accessed on 6 January 2023).
- 21. Irshaid, Y.A.A. Consequences of the Israeli Hydro-Hegemony on the Jordanian Water Security. *Rev. Econ. Polit. Sci.* **2021**, 6, 252–273. [CrossRef]
- 22. Solability the Sustainable Competitiveness Index. 2022. Available online: https://solability.com/the-global-sustainable-competitiveness-index/the-index (accessed on 8 December 2022).
- 23. Mako, W.P. Privatization: Lessons from Jordan; World Bank: Washington, DC, USA, 2012; pp. 1–4.
- 24. Joudeh, A.H.M.; Almubaideen, H.I.M.; Alroud, S.F. Environmental Disclosure in the Annual Reports of the Jordanian Mining and Extraction Companies. *J. Econ. Financ. Account.* **2018**, *5*, 18–25. [CrossRef]
- 25. Al-Haddad, S.; Sharabati, A.-A.A.; Al-Khasawneh, M.; Maraqa, R.; Hashem, R. The Influence of Corporate Social Responsibility on Consumer Purchase Intention: The Mediating Role of Consumer Engagement via Social Media. *Sustainability* **2022**, *14*, 6771. [CrossRef]
- 26. Srivastava, R.K. The Role of Brand Equity on Mergers and Acquisition in the Pharmaceutical Industry. *J. Strateg. Manag.* **2012**, 5, 266–283. [CrossRef]
- 27. Powell, B.; Zwolinski, M. The Ethical and Economic Case Against Sweatshop Labor: A Critical Assessment. *J. Bus. Ethics* **2012**, 107, 449–472. [CrossRef]
- 28. Sasmita, J.; Mohd Suki, N. Young Consumers' Insights on Brand Equity. Int. J. Retail Distrib. Manag. 2015, 43, 276–292. [CrossRef]
- 29. Littler, D. Brand Image. In Wiley Encyclopedia of Management; John Wiley and Sons: Hoboken, NJ, USA, 2015.
- 30. Kaur, M.; Agrawal, S. Corporate Social Responsibility: A Tool to Create a Positive Brand Image. *ASBBS Annu. Conf.* **2011**, *18*, 681–688.
- 31. Naqvi, S.M.M.R.; Ishtiaq, M.; Kanwal, N.; Ali, M.; Inderyas, S. Impact of Corporate Social Responsibility on Brand Image in Different FMCGs of Pakistan. *Interdiscip. J. Contemp. Res. Bus.* **2013**, *5*, 79–93.

Sustainability **2023**, 15, 10955 20 of 21

32. Abdulrazak, S.R.; Ahmad, F. The Basis for Corporate Social Responsibility in Malaysia. *Glob. Bus. Manag. Res. Int. J.* **2014**, 6, 210–218.

- 33. Pistrui, D.; Fahed-Sreih, J. Islam, Entrepreneurship and Business Values in the Middle East. *Int. J. Entrep. Innov. Manag.* **2010**, 12, 107–118. [CrossRef]
- 34. Abdulrazak, S.R.; Ahmad, F.S. Sustainable Development: A Malaysian Perspective. *Procedia Soc. Behav. Sci.* **2014**, *164*, 237–241. [CrossRef]
- 35. Madime, E.; Gonçalves, T.C. Determining factors for social and environmental practices of corporate responsibility in mozambique. *Rev. Gest. Cocial E Amniental* **2022**, *16*, e03002. [CrossRef]
- 36. Stuebs, M.; Sun, L. Corporate Governance and Social Responsibility. Int. J. Law Manag. 2015, 57, 38–52. [CrossRef]
- 37. Lin, Y.H.; Lin, F.J.; Wang, K.H. The Effect of Social Mission on Service Quality and Brand Image. *J. Bus. Res.* **2021**, *132*, 744–752. [CrossRef]
- 38. Carlsen, L.; Bruggemann, R. The 17 United Nations' Sustainable Development Goals: A Status by 2020. *Int. J. Sustain. Dev. World Ecol.* 2022, 29, 219–229. [CrossRef]
- 39. United Nations. The 17 Goals. Available online: https://sdgs.un.org/goals (accessed on 7 November 2022).
- 40. Huang, Y.C.; Yang, M.; Wang, Y.C. Effects of Green Brand on Green Purchase Intention. *Mark. Intell. Plan.* **2014**, 32, 250–268. [CrossRef]
- 41. Jeong, E.H.; Jang, S.C.; Day, J.; Ha, S. The Impact of Eco-Friendly Practices on Green Image and Customer Attitudes: An Investigation in a Café Setting. *Int. J. Hosp. Manag.* **2014**, *41*, 10–20. [CrossRef]
- 42. Namkung, Y.; Jang, S.C.S. Effects of Restaurant Green Practices on Brand Equity Formation: Do Green Practices Really Matter? *Int. J. Hosp. Manag.* **2013**, 33, 85–95. [CrossRef]
- 43. Namkung, Y.; Jang, S. Are Consumers Willing to Pay More for Green Practices at Restaurants? *J. Hosp. Tour. Res.* **2014**, 41, 1–28. [CrossRef]
- 44. Sharabati, A.A.A. Green Supply Chain Management and Competitive Advantage of Jordanian Pharmaceutical Industry. *Sustainability* **2021**, *13*, 13315. [CrossRef]
- 45. Torelli, R. Sustainability, Responsibility, and Ethics: Different Concepts for a Single Path. Soc. Responsib. J. 2020, 17, 719–739. [CrossRef]
- 46. OED. Oxford English Dictionary; Oxford University Press: Oxford, UK, 2023.
- 47. Goel, M.; Ramanathan, M.P.E. Business Ethics and Corporate Social Responsibility—Is There a Dividing Line? *Procedia Econ. Financ.* **2014**, *11*, 49–59. [CrossRef]
- 48. De George, R.T. A History of Business Ethics; The University of Kansas: Lawrence, KS, USA, 2005.
- 49. Rashid, M.M. Corporate Social Responsibility (CSR): Evaluating/Auditing Corporate Social Responsibility (CSR) Practices. *J. Econ. Soc. Thought* **2022**, *8*, 141–156.
- 50. Iglesias, O.; Markovic, S.; Singh, J.J.; Sierra, V. Do Customer Perceptions of Corporate Services Brand Ethicality Improve Brand Equity? Considering the Roles of Brand Heritage, Brand Image, and Recognition Benefits. *J. Bus. Ethics* **2019**, *154*, 441–459. [CrossRef]
- 51. Sierra, V.; Iglesias, O.; Markovic, S.; Singh, J.J. Does Ethical Image Build Equity in Corporate Services Brands? The Influence of Customer Perceived Ethicality on Affect, Perceived Quality, and Equity. *J. Bus. Ethics* **2017**, 144, 661–676. [CrossRef]
- 52. Claydon, J. A New Direction for CSR: The Shortcomings of Previous CSR Models and the Rationale for a New Model. *Soc. Responsib. J.* **2011**, 7, 405–420. [CrossRef]
- 53. Kim, J.S.; Song, H.J.; Lee, C.K.; Lee, J.Y. The Impact of Four CSR Dimensions on a Gaming Company's Image and Customers' Revisit Intentions. *Int. J. Hosp. Manag.* **2017**, *61*, 73–81. [CrossRef]
- 54. Martínez, P.; Pérez, A.; del Bosque, I.R. CSR Influence on Hotel Brand Image and Loyalty. *Acad. Rev. Latinoam. Adm.* **2014**, 27, 267–283. [CrossRef]
- 55. Bemporad, R.; Baranowski, M. Conscious Consumers Are Changing the Rules of Marketing. Are You Ready? In *Highlights from the BBMG Conscious Consumer Report*; BAGATTO: Monterganaro, Italy, 2007.
- 56. Hair, J.F.; Sarstedt, M.; Ringle, C.M.; Gudergan, S.P. *Advanced Issues in Partial Least Squares Structural Equation Modeling*; Sage Publications Ltd.: Thousand Oaks, CA, USA, 2018.
- 57. Sharabati, A.-A.A.; Al-Atrash, S.A.; Dalbah, I.Y. The Use of Supply Chain Control-Tower in Pharmaceutical Industry to Create a Competitive Advantage. *Int. J. Pharm. Healthc. Mark.* **2022**, *16*, 354–375. [CrossRef]
- 58. Sekaran, U.; Bougie, R. Research Methods For Business: A Skill-Building Approach; John Willey: Chichester, UK, 2016; ISBN 9781119942252.
- 59. Stephanie Glen Kaiser-Meyer-Olkin (KMO). Test for Sampling Adequacy. Available online: statisticshowto.com (accessed on 18 December 2022).
- 60. Cerny, B.A.; Kaiser, H.F. A Study of a Measure of Sampling Adequacy for Factor-Analytic Correlation Matrices. *Multivar. Behav. Res.* **1977**, 12, 43–47. [CrossRef] [PubMed]
- 61. Kaiser, H.F.; Rice, J.; Little, J.; Mark, I. Educational and Psychological Measurement. *Am. Psychol. Assoc.* **1974**, 34, 111–117. [CrossRef]
- 62. Bonett, D.; Wright, T. Determinación Del Tamaño de Muestra Para La Correlación Múltiple: Respuesta a Shieh (2013). *Psicothema* **2014**, 26, 391–394. [CrossRef] [PubMed]

Sustainability **2023**, 15, 10955 21 of 21

63. Gliem, J.A.; Gliem, R.R. Calculating, Interpreting, and Reporting Cronbach's Alpha Reliability Coefficient for Likert-Type Scales. In Proceedings of the 2003 Midwest Research to Practice Conference in Adult, Columbus, OH, USA, 8–10 October 1992; pp. 82–88.

- 64. Fisher, M.J.; Marshall, A.P. Understanding Descriptive Statistics. Aust. Crit. Care 2009, 22, 93–97. [CrossRef] [PubMed]
- 65. Kaur, P.; Stoltzfus, J.; Yellapu, V. Descriptive Statistics. Int. J. Acad. Med. 2018, 4, 60–63. [CrossRef]
- 66. Martinez, M.N.; Bartholomew, M.J. What Does It "Mean"? A Review of Interpreting and Calculating Different Types of Means and Standard Deviations. *Pharmaceutics* **2017**, *9*, 14. [CrossRef]
- 67. Rodgers, J.L.; Nicewander, A. Thirteen Ways to Look at the Correlation Coefficient. Am. Stat. 1988, 42, 59-66. [CrossRef]
- 68. Kosorok, M.R. On Brownian Distance Covariance and High Dimensional Data. *Ann. Appl. Stat.* **2009**, *3*, 1266–1269. [CrossRef] [PubMed]
- 69. Hair, J.F. *Multivariate Data Analysis*, 7th ed.; Kennesaw State University, Ed.; Kennesaw State University: Englewood Cliffs, NJ, USA, 2009; ISBN 9780138132637.

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