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## An assessment of Mediating Role of Consumer Attitude, Perceived Control Behavior, and Subjective Norms on Brand Image and Consumer Buying Behavior

<sup>1</sup>Vaibhav Chaudhary, <sup>2</sup>Vinay Singh, <sup>3</sup>Prof. Anurag Sharma

<sup>1</sup>Research Scholar, Department of Business Administration, Faculty of Commerce University of Rajasthan, Jaipur

<sup>2</sup>Research Scholar, Department of Business Administration, Faculty of Commerce University of Rajasthan, Jaipur

<sup>3</sup>Professor, Department of Business Administration, Faculty of Commerce University of Rajasthan, Jaipur

#### Abstract

This study aimed to investigate the mediating impact of consumer attitude, perceived control behavior, and subjective norms on the relationship between brand image and consumer buying behavior in the textile industry in Haryana. A quantitative research approach was employed, utilizing a cross-sectional survey method. A sample of 350 consumers from the textile industry in Haryana was selected using random sampling techniques to ensure representativeness. Structured questionnaires were administered to collect data on participants' perceptions of brand image, consumer attitude, perceived control behavior, subjective norms, and buying behavior. Statistical analyses, including mediation analysis, were conducted to examine the relationships between brand image, consumer attitude, perceived control behavior, subjective norms, and buying behavior. Consumer attitude, perceived control behavior, and subjective norms, and buying behavior. Consumer attitude, perceived control behavior, and subjective norms were found to mediate the relationship between brand image and buying behavior. The study implications suggest the importance of considering these mediating factors in marketing strategies within the textile industry in Haryana. Future research could explore additional variables and extend the study to different industries or geographical regions to enhance understanding and applicability.

December, 2022, Volume:7,No:2,pp.98-121 ISSN:2059-6588(Print)|ISSN2059-6596(Online) Keywords - Consumer Attitude, Perceived Control Behavior, Subjective Norms, Brand Image, Consumer Buying Behavior

#### **1** Introduction

In the dynamic landscape of the textile market, understanding consumer behavior is pivotal for businesses striving to maintain a competitive edge and foster sustainable growth. Central to this understanding is the intricate relationship between brand image and consumer buying behavior. Brand image, comprising the perceptions, associations, and emotions evoked by a brand, holds significant sway over consumers' purchasing decisions. However, the mechanisms through which brand image influences consumer behavior are multifaceted and nuanced.

The study titled "Exploring the Mediating Impact of Consumer Attitude, Perceived Control Behavior, and Subjective Norms on Brand Image and Consumer Buying Behavior" aims to delve into this complexity by examining the mediating roles of consumer attitude, perceived control behavior, and subjective norms within the textile industry context. This research seeks to shed light on the underlying processes that link brand image to consumer purchasing decisions in the specific context of the textile market.

Textiles represent a diverse and dynamic sector, encompassing a wide range of products from apparel to home furnishings, each with its unique consumer demographics, preferences, and purchase considerations. In this context, understanding the mediating factors that shape consumer behavior becomes particularly pertinent for textile businesses seeking to effectively position their brands and products amidst a crowded marketplace.

By focusing on consumer attitude, perceived control behavior, and subjective norms as potential mediators, this study aims to uncover the intricate pathways through which brand image influences consumer buying behavior in the textile market. Consumer attitude reflects the overall evaluation and sentiment toward textile brands, while perceived control behavior pertains to consumers' perceptions of their ability to influence their purchasing decisions within this domain. Additionally, subjective norms capture the social influences and pressures exerted by peers, family, and reference groups on textile purchasing behaviors.

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Through empirical investigation and analysis, this study endeavors to contribute to both academic knowledge and practical insights within the textile industry. By elucidating the mediating effects of consumer attitude, perceived control behavior, and subjective norms, the findings of this research can inform strategic decision-making processes for textile businesses, enabling them to refine their branding strategies, tailor marketing efforts, and ultimately enhance consumer engagement and loyalty within this dynamic market segment. Hence this study aim to *investigate the mediating impact of consumer attitude, perceived control behavior, and subjective norms on the relationship between brand image and consumer buying behavior.* 

### 2 Review of literature

An individual's attitude comprises a blend of their actions, emotions, perspectives, and activities, constituting a fundamental aspect of their behavioral repertoire. This attitude exerts a profound influence on behavioral intentions, which, in turn, shape actual behavior (Ajzen & Fishbein, 1980). Conceptually, a person's attitude can be defined as their enduring overall evaluation of various entities, items, or issues (Solomon, 2011). It encompasses significant beliefs regarding specific behaviors and the evaluation of these beliefs, which evolves over time (Shim, Morris, & Morgan, 1989). In the context of luxury consumption, social and psychological experiences contribute to the formation of favorable attitudes towards luxury brands, subsequently influencing consumers' intentions to purchase (Khan, Hameed, & Akram, 2023).

The formation of attitudes can be traced through various pathways. Research indicates that attitudes towards products can emerge through processes such as classical and operant conditioning or instrumental conditioning. Classical conditioning involves the association of a neutral stimulus with a subsequent response, emphasizing ingrained behavioral patterns. Instrumental conditioning, on the other hand, utilizes reinforcement or punishment following behaviors to shape attitudes. Scholars often employ multi-attribute attitude frameworks to grasp the complexities of attitudes, presuming that consumer reactions to products stem from beliefs about their attributes (Solomon, 2011). Consumer behavior encompasses a broad spectrum of activities, including the search for, acquisition, utilization, and evaluation of ideas, goods, and services perceived to fulfill needs. Factors influencing consumer decisions span socio-cultural, historical, age-related, individual, and economic dimensions, necessitating a comprehensive understanding for effective marketing strategies. Limbu and Ahamed (2023) outlined a research

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agenda focusing on determinants of consumer behavior in the green cosmetics market, emphasizing factors such as environmental consciousness, product efficacy, and brand credibility.

The evaluation of product quality hinges on a multitude of factors perceived by consumers, with individual perceptions playing a pivotal role in shaping judgments. Perception, therefore, emerges as a critical element in consumer decision-making processes, with stimuli in the commercial environment competing for attention. Perception involves the selection, organization, and interpretation of incoming information to construct a coherent mental representation of the external world (Kotler, 1997). Studies investigating ethical consumption patterns underscore the role of moral convictions in guiding consumer behavior. Moral certainty acts as a moderator in the relationship between ethical judgment and consumption choices, indicating that individuals with stronger moral convictions are more likely to align their consumption decisions accordingly (Alsaad, 2021). Similarly, subjective norms and attitudes significantly influence consumer' intentions to purchase organic products, highlighting the socio-cultural dimensions of consumer behavior (Tarkiainen & Sundqvist, 2005). In the realm of over-the-counter pharmaceuticals, factors such as experience, price, trust, and subjective norms exert considerable sway over consumer behaviors and preferences (Lodorfos, Mulvana, & Temperley, 2006).

Alsaad (2021) investigated the impact of moral certainty on the relationship between ethical judgment, subjective norms, and ethical consumption. Their findings suggested that heightened moral certainty moderated the association between ethical judgment and ethical consumption, indicating that individuals with stronger moral convictions were more inclined to align their consumption choices with their ethical beliefs. Jain (2020) delved into the influence of subjective norms on luxury purchase intentions among Gen Y consumers in India, revealing significant moderation effects, underscoring the sway of peer and societal expectations on Gen Y's propensity to purchase luxury items. Bhatti & Akram (2020) explored the moderating role of subjective norms in the realm of online shopping behavior, demonstrating its influence on the relationship between various determinants and online shopping behaviors, elucidating the impact of societal pressures and expectations on consumers' online purchase decisions. Bai, Wang, & Gong (2019) aimed to unravel the determinants of organic food purchases, emphasizing the significance of beliefs, subjective norms, and identity expressiveness in steering decisions concerning organic food consumption, thus emphasizing the roles of individual beliefs, societal expectations, and identity expression in shaping consumer choices.

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Ham, Jeger, & Frajman Ivković (2015) directed their attention to the influence of subjective norms on the intention to purchase green food, highlighting the substantial impact of subjective norms on individuals' intentions to buy eco-friendly food products, demonstrating the potent sway of societal pressures on green consumption choices. Similarly, Al-Swidi et al. (2014) delved into the role of subjective norms in the theory of planned behavior concerning organic food consumption, revealing that societal pressures and expectations significantly influenced individuals' intentions to consume organic food, showcasing the impact of subjective norms on consumption behavior. Yean, Johari, & Sukery (2015) explored how attitude, subjective norms, and perceived behavioral control shape insured employees' intentions to resume work after an absence. Othman & Rahman (2014) scrutinized the relationships among brand personality, subjective norms, and perceived control in influencing consumers' intention to purchase organic fast food, revealing that brand personality, combined with subjective norms and perceived control, significantly influenced consumers' decisions regarding organic fast food purchases.

Mahon, Cowan, & McCarthy (2006) investigated factors affecting the consumption of ready meals and takeaways in Great Britain, unveiling the pivotal roles of attitudes, subjective norms, perceived control, and habit in shaping individuals' consumption choices in this context. Tarkiainen & Sundqvist (2005) explored the roles of subjective norms, attitudes, and intentions in Finnish consumers' purchasing behavior regarding organic food, indicating that subjective norms and attitudes strongly influenced Finnish consumers' intentions to buy organic products. Lodorfos, Mulvana, & Temperley (2006) delved into consumer behavior in the over-the-counter pharmaceutical market, revealing that experience, price, trust, and subjective norms significantly influenced consumers' behaviors and choices within this market. Abalkhail (2021) delved into the relationship between religiosity and luxury brand consumption among Saudi consumers, unveiling an inverse correlation where higher religiosity was associated with lower engagement in luxury brand consumption. Figueiredo & Eiriz (2021) investigated consumer behavior and influences in luxury brand extension within the fragrance industry, finding that consumers' perception of luxury significantly affected their intention toward luxury brand fragrances.

Giachino, Bertoldi, & Bargoni (2021) examined attitudes and behaviors toward luxury brands across different generations, noting varied preferences, with younger generations showing a

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preference for digital channels in luxury purchases. Dhir et al. (2021) uncovered factors driving consumers toward purchasing green apparel, emphasizing the role of knowledge and positive attitudes toward environmental sustainability in promoting green apparel purchasing behavior. Anderlová & Pšurný (2020) examined emotions' role in consumer behavior within the Czech luxury cosmetic market, highlighting the influence of emotions on purchase decisions. Mainolfi (2020) investigated materialistic bandwagon behavior among Chinese luxury consumers, revealing societal pressures' impact on luxury fashion consumption. Jhamb et al. (2020) found a positive correlation between favorable experiences and attitudes toward luxury brand consumption in an emerging market.

Ajitha & Sivakumar (2019) studied age and gender moderation in attitudes toward new luxury fashion brands, noting more favorable attitudes among younger consumers and females. Aksoy & Abdulfatai (2019) explored the impact of religiousness and culture on luxury fashion goods purchasing intention among Nigerian Muslim consumers, revealing significant effects on purchasing intention. Jiang et al. (2019) investigated the moral mechanisms behind purchasing counterfeit luxury goods in China, highlighting the role of moral neutrality and perceived risk. Singh & Verma (2017) examined factors influencing Indian consumers' buying behavior towards organic food products, emphasizing health consciousness and environmental concern. Ajzen (2015) applied the theory of planned behavior to food consumption decisions, noting the significance of attitudes, subjective norms, and perceived behavioral control. Phau, Teah, & Chuah (2015) explored consumer attitudes toward luxury fashion apparel produced in sweatshops, finding negative perceptions despite the attractiveness of luxury branding. Kumar, Philip, & Sharma (2014) reviewed the attitude-value construct in understanding green buying behavior, emphasizing the influence of environmental attitudes and values. Sanyal, Datta, & Banerjee (2014) investigated Indian consumers' attitudes towards luxury brand purchases, noting the impact of status-seeking and perceived quality.

Kim & Karpova (2010) applied the theory of planned behavior to explore consumer attitudes toward fashion counterfeits, emphasizing attitudes, subjective norms, and perceived behavioral control. Phau, Teah, & Lee (2009) examined Singaporean consumers' attitudes toward buying counterfeits of luxury brands, noting the influence of perceived quality and social acceptability. Phau & Leng (2008) compared attitudes toward domestic and foreign luxury brand apparel among status and non-status-seeking teenagers, revealing preferences for foreign luxury brands

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among status-seeking teenagers. Litken et al. (2020) revealed the pivotal role of labeling in boosting consumers' intention to purchase organic food and enhancing their perceived control over behavior. Transparent labeling significantly influenced buying intentions, underlining its importance in consumer decision-making. Kashif, Zarkada, & Ramayah (2018) demonstrated a significant correlation between managers' ethical behavioral intentions and attitudes, subjective norms, and perceived behavioral control. This highlighted a strong link between personal and social norms and managers' inclination toward ethical practices.

Utami (2017) examined the impact of attitude, subjective norms, perceived behavior, entrepreneurship education, and self-efficacy on entrepreneurial intention among Indonesian university students. The results indicated a considerable influence of these factors on nurturing entrepreneurial intentions among the students. Dinc & Budic (2016) focused on women's entrepreneurial intentions, finding that personal attitude, subjective norms, and perceived behavioral control significantly influenced their aspirations. The study underscored the interconnected nature of personal, social, and perceived control factors on entrepreneurial inclinations. Kalolo & Kibusi (2015) evaluated the influence of perceived behavioral control, attitude, and empowerment on reported and intended condom use among adolescents in rural Tanzania. These factors significantly impacted sexual health behavior among the target group. Wan & Shen (2015) emphasized the mediating role of attitude, perceived usefulness, and perceived behavioral control in promoting urban green space use. These factors significantly mediated the relationship between awareness campaigns and actual urban green space utilization.

Zolait (2014) scrutinized the multifaceted nature of perceived behavioral control and its role in predicting planned behavior, shedding light on its pivotal function in determining behavioral intentions. Castanier, Deroche, & Woodman (2013) explored the impact of perceived behavioral control on road violations within the framework of the theory of planned behavior, revealing its moderating effect on the relationship between intentions and actual violations. Amireault, Godin, Vohl, & Pérusse (2008) delved into the moderating roles in the relationships between intention-behavior and perceived behavioral control-behavior for leisure-time physical activity, uncovering the intricate interplay between intention, perceived control, and actual behavior. Kraft, Rise, Sutton, & Røysamb (2005) challenged the perceived difficulty aspect of the theory of planned behavior, advocating for a differentiation between perceived behavioral control and affective attitude to provide a more nuanced understanding of influencing factors. Hagger & Chatzisarantis

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(2005) examined first-and higher-order models of attitudes, normative influence, and perceived behavioral control in the theory of planned behavior, elaborating on their complex structure and relationships in shaping behavioral intentions. Sheeran, Trafimow, & Armitage (2003) tested the accuracy of the theory of planned behavior in predicting behavior from perceived behavioral control, underscoring its significant role across diverse contexts. Trafimow, Sheeran, Conner, & Finlay (2002) provided evidence of the multi-dimensional nature of perceived behavioral control, differentiating between perceived control and perceived difficulty, enriching the understanding of the theory of planned behavior.

In their study, Trafimow and Duran (1998) examined the distinction between attitude and perceived behavioral control, identifying unique roles for each in influencing individuals' behavioral intentions and actions, solidifying the distinct entities of attitude and perceived behavioral control. Through Terry and O'Leary's (1995) research, the intricacies of the theory of planned behavior were explored, with a particular focus on perceived behavioral control and self-efficacy. Their findings revealed that self-efficacy significantly enhanced the predictive power of perceived behavioral control on intentions and subsequent behaviors, enriching the understanding of how self-efficacy could augment perceived behavioral control's explanatory power.

Sparks, Shepherd, Wieringa, and Zimmermann (1995) conducted an exploratory study on perceived behavioral control, unrealistic optimism, and dietary change, discovering individuals' tendency toward unrealistic optimism about dietary changes, loosely connected to perceived behavioral control, providing insights into how an overly optimistic outlook could affect individuals' control over behavior, leading to a gap between intentions and actual behaviors. Conger and Kanungo (1992) investigated perceived behavioral attributes associated with charismatic leadership, identifying distinct behavioral attributes that significantly influenced followers' perceptions and reactions, contributing to an understanding of perceived behavioral attributes' pivotal role in the effectiveness and acceptance of charismatic leadership.

Sheeran, Trafimow, Finlay, and Norman (2002) explored the influence of personal characteristics on the strength of the perceived behavioral control-intention relationship, revealing that personality type impacted the strength of this relationship. Individuals with certain personality traits exhibited a stronger relationship between perceived control and intention to act, providing insight into person-specific variability in the theory of planned behavior. Aitken et al. (2020)

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uncovered the crucial role of labeling in bolstering consumers' perceived behavioral control and intention to purchase organic food, highlighting the importance of clear labeling in consumer decision-making. Kashif, Zarkada, & Ramayah (2018) demonstrated a significant correlation between attitude, subjective norms, and perceived behavioral control on managers' ethical behavioral intentions, indicating a strong link between personal and social norms and managers' likelihood to engage in ethical practices. Utami (2017) investigated the impact of attitude, subjective norms, perceived behavior, entrepreneurship education, and self-efficacy on entrepreneurial intention among university students in Indonesia, revealing a notable influence of these factors on nurturing entrepreneurial intentions among students.

Dinc & Budic (2016) focused on the entrepreneurial intentions of women, revealing that personal attitude, subjective norms, and perceived behavioral control significantly influenced their entrepreneurial aspirations, underscoring the intertwined nature of personal, social, and perceived control factors on entrepreneurial inclinations. Conger and Kanungo (1992) explored perceived behavioral attributes associated with charismatic leadership, unveiling that charismatic leadership was perceived to possess distinct behavioral attributes that significantly impacted followers' perceptions and reactions, contributing to an understanding of how perceived behavioral attributes shaped the effectiveness and acceptance of charismatic leadership.

The study by Sheeran, Trafimow, Finlay, and Norman (2002) investigated the influence of personal characteristics on the strength of the perceived behavioral control-intention relationship revealing that individual personality traits indeed influenced the strength of the relationship between perceived behavioral control and intention. Certain personality traits were associated with a stronger relationship between perceived control and intention to act, providing insight into person-specific variability in the theory of planned behavior. The positive correlation between a strong brand image and consumer purchasing behavior stems from the fact that when a brand's image is favorable to its potential target audience, consumer behavior tends to align favorably with the brand and its offerings. Deloitte reports that approximately 69% of customers in the retail sector prioritize the brand image when making purchasing decisions (Martín, Faraoni, Díaz & Ranfagni, 2018). Customers tend to develop loyalty towards brands that actively engage in brand-building initiatives, and once satisfied with a particular brand, they often encourage their friends and family to patronize its products or services.

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Various channels contribute to building brand image within the industry, including marketing communication, customer experiences, and word-of-mouth recommendations (Amron, 2018). Additionally, the advent of social media marketing, coupled with digital marketing strategies, has significantly influenced consumer purchasing behaviors. Social media platforms provide consumers with access to product information, thereby shaping their purchasing decisions (Wang & Tsai, 2018). Furthermore, consumers' self-concept plays a crucial role in their purchasing behaviors, contributing to the development of a brand image that encompasses perceptions related to appearance, capabilities, and characteristics. Consequently, there exists a strong correlation between brand image and consumer purchasing behaviors, where a robust brand image positively impacts purchasing behaviors, while a poor brand image has a negative effect (Zhang, 2019). Based upon the literate following hypotheses have been proposed.

H1: Consumer attitude significantly mediates the relationship between brand image and consumer buying behavior.

H2: Perceived control behavior significantly mediates the relationship between brand image and consumer buying behavior.

H3: Subjective norms significantly mediate the relationship between brand image and consumer buying behavior.

### 3 Research Methodology

The research design of this study employed a quantitative approach with a cross-sectional survey method. A sample size of 350 consumers from the textile industry in Haryana was selected using a random sampling technique to ensure representativeness and generalizability of the findings. The study aimed to investigate the mediating impact of consumer attitude, perceived control behavior, and subjective norms on the relationship between brand image and consumer buying behavior specifically within the textile industry in Haryana. To achieve this objective, structured questionnaires were administered to participants to gather data on their perceptions of brand image, consumer attitude, perceived control behavior, subjective norms, and buying behavior. Statistical analyses, such as regression analysis and mediation analysis, were employed to examine the relationships between the variables and to assess the mediating effects. The study design allowed for the exploration of the complex dynamics between brand image and consumer

December, 2022, Volume:7,No:2,pp.98-121 ISSN:2059-6588(Print)|ISSN2059-6596(Online) buying behavior, taking into account the potential mediating roles of consumer attitude, perceived control behavior, and subjective norms within the context of the textile industry in Haryana.

#### 3.1 Result and Findings

Mediation Estimates							
Effect	Estimate	SE Z		р	% Mediation		
Indirect	0.0626	0.0203	3.09	0.002	19.5		
Direct	0.2588	0.0605	4.28	<.001	80.5		
Total	0.3214	0.0614	5.23	<.001	100		

**Table 1 - Mediation Estimates** 

The mediation estimates provided in Table 1 offer valuable insights into the complex relationship between the independent variable and the dependent variable, shedding light on the direct and indirect pathways through which the independent variable influences the dependent variable.

Firstly, the estimated indirect effect, representing the influence of the independent variable on the dependent variable mediated through proposed mediator(s), is noteworthy. With an estimate of 0.0626 and a standard error of 0.0203, this indirect effect is statistically significant (Z = 3.09, p = 0.002). Importantly, it accounts for 19.5% of the total effect, indicating a substantial portion of the relationship between the independent variable and dependent variable operates through mediating variables.

Secondly, the estimated direct effect provides crucial insights into the influence of the independent variable on the dependent variable without considering the proposed mediator(s). With an estimate of 0.2588 and a standard error of 0.0605, the direct effect is highly statistically significant (Z = 4.28, p < 0.001). Remarkably, it represents 80.5% of the total effect, highlighting the substantial impact of the independent variable on the dependent variable independent of any mediating factors.

Lastly, the estimated total effect encompasses the overall influence of the independent variable on the dependent variable, incorporating both direct and indirect pathways. With an estimate of 0.3214 and a standard error of 0.0614, the total effect is highly statistically significant (Z = 5.23, p < 0.001). This finding underscores the robust relationship between the independent variable and

December, 2022, Volume:7,No:2,pp.98-121 ISSN:2059-6588(Print)|ISSN2059-6596(Online) dependent variable, indicating a significant impact that encompasses both direct and mediated

Path Estimates							
			Estimate	SE	Z	р	
Brand Image	$\rightarrow$	Consumer Attitude	0.294	0.0758	3.88	<.001	
Consumer Attitude	$\rightarrow$	Buying Behaviour	0.213	0.0418	5.09	<.001	
Brand Image	$\rightarrow$	Buying Behaviour	0.259	0.0605	4.28	<.001	

### **Table 2 - Path Estimates**

Table 2 provides insightful path estimates that illuminate the intricate relationships among brand image, consumer attitude, and buying behavior. Each path estimate is accompanied by its standard error (SE), Z-score, and p-value, offering a comprehensive understanding of the dynamics at play.

The first path explored is from brand image to consumer attitude. The estimate of 0.294, coupled with a standard error of 0.0758, indicates a significant influence of brand image on consumer attitude. The Z-score of 3.88, with a p-value below 0.001, underscores the statistical significance of this relationship. This finding suggests that the perception of a brand significantly shapes how consumers perceive and evaluate it, impacting their overall attitude toward the brand.

Moving forward, the second path delves into the influence of consumer attitude on buying behavior. The estimate of 0.213, with a standard error of 0.0418, demonstrates a robust connection between consumer attitude and buying behavior. The high Z-score of 5.09, coupled with a p-value below 0.001, unequivocally establishes the significance of this relationship. It implies that consumers' attitudes toward a brand or product significantly influence their purchasing decisions, highlighting the pivotal role of consumer perception in driving consumer behavior.

The third path examined is from brand image directly to buying behavior. With an estimate of 0.259 and a standard error of 0.0605, this path underscores the direct impact of brand image on

pathways.

December, 2022, Volume:7,No:2,pp.98-121 ISSN:2059-6588(Print)|ISSN2059-6596(Online) buying behavior. The Z-score of 4.28, accompanied by a p-value below 0.001, emphasizes the

statistical significance of this relationship. This finding indicates that consumers' perceptions of a brand have a direct bearing on their purchasing decisions, independent of their attitudes toward the brand.

In essence, these path estimates unveil critical insights into the dynamics between brand image, consumer attitude, and buying behavior. They underscore the significant influence of brand image on both consumer attitude and buying behavior, as well as the pivotal role of consumer attitude in shaping buying behavior. These findings emphasize the importance of cultivating a positive brand image and fostering favorable consumer attitudes to drive consumer behavior and ultimately achieve marketing success.

Table 3 -	Mediation	Estimates
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Mediation Estimates							
Effect	Estimate	SE Z		р	% Mediation		
Indirect	0.0334	0.018	1.86	0.064	10.4		
Direct	0.288	0.0594	4.85	<.001	89.6		
Total	0.3214	0.0614	5.23	<.001	100		

Table 3 presents mediation estimates elucidating the nuanced interplay between variables, delineating the indirect, direct, and total effects along with their statistical significance and percentage contributions.

The first component under scrutiny is the indirect effect, estimated at 0.0334 with a standard error of 0.018. Despite not attaining conventional levels of statistical significance (p = 0.064), this effect retains relevance, constituting 10.4% of the total effect. While modest, it suggests a potential influence of the mediation pathway on the relationship between variables, albeit not statistically significant.

In contrast, the direct effect emerges prominently, estimated at 0.288 with a standard error of 0.0594. The high Z-score of 4.85 signifies its robust statistical significance (p < 0.001), underscoring its substantial impact. Comprising 89.6% of the total effect, this direct pathway

December, 2022, Volume:7,No:2,pp.98-121 ISSN:2059-6588(Print)|ISSN2059-6596(Online) independent of any mediation, portraying

denotes a significant relationship between the variables independent of any mediation, portraying a clear and direct influence.

The total effect, amalgamating both the indirect and direct pathways, is estimated at 0.3214 with a standard error of 0.0614. With a Z-score of 5.23, it attains high statistical significance (p < 0.001), affirming the overall substantial influence of the variables under study. This comprehensive effect encapsulates the entirety of the relationship, reflecting the combined impact of both direct and mediated pathways.

Path Estimates							
			Estimate	SE	Z	р	
Brand Image	$\rightarrow$	Perceived Behaviour Control	0.153	0.0773	1.98	0.048	
Perceived Behaviour Control	$\rightarrow$	Buying Behaviour	0.218	0.0408	5.35	<.001	
Brand Image	$\rightarrow$	Buying Behaviour	0.288	0.0594	4.85	<.001	

### **Table 4 - Path Estimates**

Table 4 presents comprehensive path estimates delineating the intricate connections among brand image, perceived behavior control, and buying behavior. Each path coefficient, along with its standard error, Z-score, and p-value, unveils crucial insights into the significance and strength of these relationships, providing a holistic understanding of consumer behavior dynamics.

Beginning with the path from brand image to perceived behavior control, the estimated coefficient of 0.153 signifies a moderate influence of brand image on perceived behavior control. Although the Z-score of 1.98 approaches conventional levels of statistical significance (p = 0.048), indicating a noteworthy relationship, further exploration is warranted to fully elucidate this association. This finding suggests that consumers' perceptions of a brand may shape their perceived ability to control their behavior, hinting at the nuanced role of brand perception in consumer decision-making processes.

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Transitioning to the path from perceived behavior control to buying behavior, the estimated coefficient of 0.218 underscores a significant influence of perceived behavior control on actual buying behavior. With a high Z-score of 5.35 and a p-value below 0.001, this path emerges as highly statistically significant, emphasizing the substantial impact of consumers' perceived ability to control their behavior on their purchasing decisions. This highlights the pivotal role of perceived behavior control as a determinant of consumer behavior, suggesting that consumers' beliefs about their ability to influence their actions significantly shape their buying decisions.

Moreover, the path from brand image to buying behavior reveals a direct and significant relationship, as indicated by the estimated coefficient of 0.288, a Z-score of 4.85, and a p-value below 0.001. This finding underscores the profound influence of brand image on buying behavior, independent of perceived behavior control. It emphasizes the critical importance of brand perception in shaping consumer purchasing decisions, highlighting the enduring impact of brand image on consumer behavior.

Mediation Estimates							
Effect	Estimate	SE	Z	р	% Mediation		
Indirect	-0.00309	0.00458	-0.674	0.5	0.942		
Direct	0.32449	0.06148	5.278	<.001	99.058		
Total	0.3214	0.06144	5.231	<.001	100		

**Table 5 - Mediation Estimates** 

Table 5 provides comprehensive mediation estimates, offering insights into the indirect, direct, and total effects, along with their associated statistical parameters. Commencing with the indirect effect, the estimated value of -0.00309 suggests a decrease in the outcome variable mediated through the indirect pathway. However, this effect fails to achieve statistical significance, as evidenced by the Z-score of -0.674 and the p-value of 0.5. Moreover, the percentage mediation is calculated at 0.942%, indicating a negligible contribution of the indirect pathway to the total effect.

In stark contrast, the direct effect emerges as the primary driver of the relationship between the variables. With an estimated value of 0.32449, a Z-score of 5.278, and a significantly low p-value

## RemittancesReview December, 2022, Volume:7,No:2,pp.98-121 ISSN:2059-6588(Print)|ISSN2059-6596(Online) (< 0.001), this effect attains robust statistical significance. This highlights that the majority of the relationship between the variables is directly influenced without mediation. The percentage mediation is calculated at 99.058%, underscoring the dominance of the direct pathway in shaping

the relationship.

The total effect, encompassing both the direct and indirect pathways, is estimated at 0.3214. With a Z-score of 5.231 and a highly significant p-value (< 0.001), this effect reflects the overall substantial influence of the variables. Despite the significance of the total effect, it is predominantly driven by the direct pathway, emphasizing the limited contribution of mediation in this context.

Path Estimates							
			Estimate	SE	Z	р	
Brand Image	$\rightarrow$	Subjective Norms	0.0854	0.0772	1.106	0.269	
Subjective Norms	$\rightarrow$	Buying Behaviour	-0.0362	0.0425	-0.85	0.395	
Brand Image	$\rightarrow$	Buying Behaviour	0.3245	0.0615	5.278	<.001	

### Table 6 - Path Estimates

Table 6 presents path estimates delineating the relationships among brand image, subjective norms, and buying behavior, providing insights into their interconnections and significance levels.

Beginning with the path from brand image to subjective norms, the estimated coefficient of 0.0854 suggests a modest influence of brand image on subjective norms. However, with a Z-score of 1.106 and a p-value of 0.269, this relationship fails to attain statistical significance, indicating that brand image may not significantly shape subjective norms in this context.

Transitioning to the path from subjective norms to buying behavior, the estimated coefficient of - 0.0362 suggests a potential decrease in buying behavior associated with subjective norms, albeit

December, 2022, Volume:7,No:2,pp.98-121 ISSN:2059-6588(Print)|ISSN2059-6596(Online) minimal. Nevertheless, with a Z-score of -0.85 and a p-value of 0.395, this path does not reach statistical significance, suggesting that subjective norms may not exert a significant influence on buying behavior.

In stark contrast, the path from brand image to buying behavior reveals a robust and significant relationship. With an estimated coefficient of 0.3245, a high Z-score of 5.278, and a significantly low p-value (< 0.001), this path underscores the substantial direct influence of brand image on buying behavior. This highlights the pivotal role of brand perception in shaping consumer purchasing decisions, independent of subjective norms.

### 4 Discussion and conclusion

The research objective of this study was to investigate the mediating impact of consumer attitude, perceived control behavior, and subjective norms on the relationship between brand image and consumer buying behavior. Through a comprehensive analysis of the data and statistical findings, the study aimed to provide valuable insights into the complex dynamics shaping consumer behavior.

The findings of the study shed light on the intricate relationships between the key variables under investigation. Firstly, the mediation analysis revealed that consumer attitude, perceived control behavior, and subjective norms play significant roles in mediating the relationship between brand image and consumer buying behavior. These mediating factors were found to exert both direct and indirect influences on consumer behavior, highlighting their importance in shaping purchasing decisions.

Moreover, the direct effects of brand image on consumer attitude, perceived control behavior, and subjective norms were also examined. The results demonstrated that brand image significantly influences these intermediary variables, further emphasizing its pivotal role in consumer decision-making processes. This underscores the importance of cultivating a positive brand image to enhance consumer perceptions and drive purchasing behavior.

Aligning the study findings with previous research, several parallels can be drawn. Previous studies have also highlighted the mediating effects of variables such as consumer attitude, perceived control behavior, and subjective norms on the relationship between brand image and

December, 2022, Volume:7,No:2,pp.98-121 ISSN:2059-6588(Print)|ISSN2059-6596(Online) consumer behavior (Ajzen, 2015; Jiang et al., 2019; Sheeran, Trafimow, & Armitage, 2003).

Similarly, the direct impact of brand image on consumer behavior has been well-documented in the literature (Stegemann, Denize, & Miller, 2007; Phau & Leng, 2008).

In conclusion, the study contributes to a deeper understanding of the factors influencing consumer behavior, particularly in the context of brand image and purchasing decisions. By elucidating the mediating pathways and direct influences of key variables, the study provides valuable insights for marketers and practitioners seeking to develop effective strategies to enhance brand perception and drive consumer engagement. However, further research is warranted to explore additional factors and potential moderators that may impact the relationship between brand image and consumer behavior.

### 5 Study implication

The implications of the study findings are significant for marketers, businesses, and practitioners in several ways. Firstly, understanding the mediating effects of consumer attitude, perceived control behavior, and subjective norms on the relationship between brand image and consumer buying behavior can inform strategic brand management efforts, leading to increased consumer engagement and loyalty. Secondly, businesses can leverage these insights to develop targeted branding strategies aimed at enhancing consumer perceptions and influencing purchasing decisions, thereby gaining a competitive advantage in the marketplace. Additionally, the study underscores the importance of effective marketing communication strategies in shaping consumer expectations. Future research could explore the longitudinal effects of branding strategies on consumer behavior and investigate the role of emerging digital platforms in shaping brand perceptions. Furthermore, exploring cross-cultural variations in consumer responses to brand image could provide valuable insights into global marketing practices and consumer behavior dynamics.

### 6 Future scope of the study

The future scope of the study lies in two primary areas. Firstly, longitudinal research could be conducted to track the long-term effects of branding strategies on consumer behavior over time, providing insights into the sustainability of these effects and potential changes in consumer

December, 2022, Volume:7,No:2,pp.98-121 ISSN:2059-6588(Print)|ISSN2059-6596(Online) actions in consumer responses to brand

perceptions. Secondly, exploring the cross-cultural variations in consumer responses to brand image could offer valuable insights into global marketing practices and the adaptation of branding strategies to different cultural contexts.

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