Hate the Sin, Love the Sinner: Examining the Role of Religiosity on Generation M’s Attitude Toward Purchasing Luxury Counterfeiting Products in Social Commerce

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Counterfeiting has become a prevalent business worldwide, resulting in high losses for many businesses. Considerable attention has been paid to research an individual attitude toward purchasing luxury counterfeit products in the offline context. However, there is currently lesser-known literature on the given phenomenon in the context of social commerce. Moreover, researchers observed that counterfeiting consumption is associated with consumer ethical values or beliefs. Practitioners and researchers are keen to find those factors that affect consumers’ ethical consumption behavior to reduce pirated products’ demand. However, the role of religion in shaping ethical behavior is less documented in the counterfeiting context. Therefore, this study investigated the effect of religiosity on the counterfeiting of luxury products in Pakistan. A five-dimensional Islamic religiosity model was adopted to understand the consumption phenomena. For quantitative research, cross-sectional data were collected from the generation M of Pakistan through self-administrative questionnaires. A total of 394 valid responses from active online users were collected to empirically examine the conceptual model by employing the partial least square structural equation model (PLS-SEM). The results reveal that all five dimensions of religiosity negatively affect the attitude of generation M. Moreover, it is found that knowledge has the highest negative effect on attitude, followed by orthopraxis, experience, central duties, and basic duties. The study also explains the theoretical and practical implications of the research. Finally, limitations and future research were also discussed.

Keywords: counterfeiting, religiosity, attitude, generation M, Pakistan

INTRODUCTION

The virulence of the COVID-19 coronavirus pandemic has shaken the world (Omar et al., 2021). This pandemic hit hardly the world economies and societies. COVID-19 outbreak has volatility changed the working, communication, and buying behaviors (Di Crosta et al., 2021). The actions, attitudes, and purchasing patterns of the people differ in the pandemic situation from the normal
extensive research in this area, there are still several gaps in behavior. Although, the association between religion and buying purchasing them. measures must explore the underlying consumer motives for counterfeiting are directly linked to customer demand, which (Saeed and Sadiq Paracha, 2019). The presence and spread of Pakistan, are increasingly turning to counterfeit products (Niaz, 2020). Counterfeits are manufactured illegally and infringe on legal rights (Singh et al., 2020). Counterfeit is considered a dishonest practice, inferior in quality, without seeking legal authorization, and economically harms corporations around the globe (Yaakop et al., 2021). Counterfeiting is a growing problem and a hot topic for scholars, legislators, companies, and non-governmental organizations (NGOs) due to its enormous impact on economic development (Vareda et al., 2021). According to the International Organization for Standardization ISO Report 2014, 5–7% of world trade accounted for counterfeit products, costing an estimation of 2.5 million jobs lost. In addition, 5% of the products imported by European countries were counterfeited (OECD/IEA, 2016). As per the report of the Executive Board (2020), counterfeit products have a worth of $1.7 billion in 2015 and a predicted $4.2 billion in the year 2022. Recent figures indicate that $4.5 trillion is traded in counterfeit products each year, with counterfeit luxury items accounting for 60–70% of the overall value (Fontana et al., 2019). According to the international black market figures, counterfeit shoes, clothing, and watch sales alone cost the industry $25 billion (Havocscope, 2022). The rising counterfeiting tendencies directly affect job losses, brand reputation, and national economies. For example, counterfeiting has resulted in the loss of nearly 2.5 million jobs globally (Davidson et al., 2019). Despite the enormous effort and resources committed to seizing counterfeit luxury products like handbags, watches, garments, jewelry, glasses, and shoes, the counterfeit industry continues to flourish in many developing countries, including Pakistan, due to low income and lack of law and order situation (Niaz, 2020). Furthermore, due to ineffective law enforcement, consumers in developing countries, such as Pakistan, are increasingly turning to counterfeit products (Niaz, 2020). Pakistan is among the top 10 nations globally from where counterfeit products originate, and counterfeit goods are readily accessible and marketed openly throughout the country (Saeed and Sadiq Paracha, 2019). The presence and spread of counterfeiting are directly linked to customer demand, which is the primary driving factor behind every market. To reduce the demand for counterfeit luxury products, anti-counterfeiting measures must explore the underlying consumer motives for purchasing them. Religion plays an extremely important role in guiding human behavior. Although, the association between religion and buying behavior was already established (Yaakop et al., 2021). Despite extensive research in this area, there are still several gaps in the literature that this study aims to contribute. First, there is currently a lack of research on counterfeiting that focuses on the role of religiosity in that phenomenon. Previous researchers have also confirmed the relationship between individuals’ religiosity and their attitudes toward various ethical and moral problems such as alcohol consumption (Russell et al., 2020), illicit drug use (Peltzer et al., 2016), viewing internet pornography (Perry and Whitehead, 2019), and tax evasion (Khalil and Sidani, 2020). However, few studies have looked at how religiosity influences counterfeiting behavior. Although there is no doubt that many researchers have studied the impact of religiosity on consumption behavior, the operationalization of the religiosity construct is still ambiguous (El-Menouar, 2014; Hassan, 2014; Ali et al., 2019a; Aslam et al., 2019). Moreover, a debate regarding religiosity as a unidimensional or multidimensional construct is discussed in several studies (El-Menouar, 2014; Islam and Chandrasekaran, 2015; Souiden and Rani, 2015; Felix and Braunsberger, 2016; Souiden et al., 2018), but the adoption of Glock (1972), multidimensional religiosity model, has been highly appreciated by most of the researchers (Niaz, 2020). Moreover, in the recent study of counterfeiting products, it is emphasized that researchers should use the multidimensional religiosity model in future studies for a better understanding of phenomena (Souiden et al., 2018). However, though researchers have found it useful and widely adopted, the Glock (1972) model has been criticized for its applicability in non-western or Islamic contexts (El-Menouar, 2014; Niaz, 2020). El-Menouar (2014) developed a multidimensional religiosity model in a non-western context by acknowledging this criticism. But, only a few studies have applied the El-Menouar (2014) multidimensional religiosity model in the Islamic and non-western contexts. So, the study’s first objective is to empirically test the El-Menouar (2014) religiosity model in a counterfeiting context. Second, past research has found various significant predictors accountable for luxury counterfeit buying intention in the offline context but few in the online context (Islam et al., 2021). The internet makes purchasing counterfeits simpler for customers, as around 70% of counterfeit transactions occur online (Mooij, 2018). Practitioners have noticed the impact of counterfeit purchasing intention as a result of the internet in the digital revolution era in developing countries, such as Pakistan (Niaz, 2020). In Pakistan, the sales of counterfeiting products have been rising for the last few decades. Fewer effects have been taken into account in investigating the association of purchase intention of counterfeiting products (Cordell et al., 1996; Nurhayati and Hendar, 2020; Yaakop et al., 2021). Nurhayati and Bandung (2019) strongly recommended investigating the impact of religiosity and purchase intention. Moreover, religion is considered a strength to determine the purchase intention of the consumers (Bupalan et al., 2019). Pakistan has the 4th most internet users per capita in Asia and the 10th most globally (Data Reportal, 2020). Pakistan has 76.38 million internet users; of which 44.10 million are online shoppers (Data Reportal, 2020). Moreover, Pakistan has 46.00 million social media users, which climbed by 9.0 million between 2020 and 2021, emphasizing the relevance of excessive smartphone usage and social commerce (S-commerce) (Data Reportal, 2021).
Third, the research mainly focused on generation M's attitude toward counterfeiting products. Generation M refers to millennial Muslims of the new generation (Junaid et al., 2019). This Muslim generation has distinctive and unique needs, wants, and beliefs, making it a vital segment to study. Generation M is aware of Islamic preaching, portrayed in its consumption. They mainly focus on ethical consumption and avoid that behavior against Islam’s basic rules (Ali, 2017). Pakistan is one of the world's youngest countries, having the largest population of generation M (Ali, 2017). Today Pakistan has the most significant percentage of young people recorded in history. According to research reports, with a 97% Muslim population, around 64% of the population's age is less than 30, and 29% lie between 15 and 29 years (Kundi, 2018). Hence, it is essential to study generation M's perspective regarding counterfeiting products in Pakistan, which is absent in the literature. So this study aims to fulfill this research gap.

**LITERATURE REVIEW**

**Religiosity**

Religion is an essential cultural value because it is unique, extensive, and dictates social institutes that profoundly affect the individual and society's perception, belief, and behavior (Mokhli, 2006). Theoretically, religious values can encourage and influence the behavior of individuals (Williams, 1979). Religious values differ from personal values because religious values are moral concepts derived from scripture-based religious traditions, such as the Quran and Hadith for Muslims, deep-rooted in the individuals' lives (Choi and Dooley, 2009). Religious activities play an essential role in shaping peoples' approach to life, and religiosity is perceived as an essential factor that influences and motivates the beliefs, values, and practices of both individuals and society (Saroglou et al., 2004). Religiosity refers to "the religious belief a person practices in his life, and religiosity is the commitment to the religious practices" (Essoo and Dibb, 2004). Previous authors argue that religiosity is an continuous process (Beit-Hallahmi and Argyle, 1997) because religion may give meaning to the life of individuals, give a sense of achievements, security access to the social network and relationships, and also provides a set of standards for judging and guiding the actions of individuals (Rohrbaugh and Jesser, 1975). Previous researchers have confirmed the relationship between religiosity and attitudes of individuals toward different moral and ethical issues, such as the illegal use of the drug (Wagener et al., 2003; Mellor and Freeborn, 2011; Sanchez et al., 2011), viewing obscene internet materials (Rostosky et al., 2004; Stack et al., 2004), students cheating (Barnett et al., 1996; Allmon et al., 2000), business ethics (Conroy and Emerson, 2004) Insider trading (Terpstra et al., 1993), alcohol consumption (Brown et al., 2001; Brechting et al., 2010), and downloading (LaRose et al., 2005).

Nevertheless, there is still limited research addressing the role of religiousness in counterfeiting and digital piracy phenomena (Arli et al., 2017; Souiden et al., 2018). Previous studies measured religiosity through different scales and disagreed on religiosity as a unidimensional or multidimensional scale while measuring religiosity determinants (Souiden and Rani, 2015). But according to Glock and Huber, religiosity is measured multidimensionally, and the Glock religiosity model has an exploratory power for identifying different aspects of Muslim religiosity. These measuring instruments tend to have various problems, such as measuring religiosity through a unidimensional scale and interpreting research findings within Christian and western religiosity principles (Aji, 2018). Therefore, this study used (El-Menouar, 2014) model to measure religiosity because previous authors ignored the religiosity model which is developed by El-Menouar (2014), and this scale is more suitable and significant in the Muslim context, and the dimensions of this model are Basic Duties, Central Duties Experience, Knowledge, and Orthopraxy (Farrag and Hassan, 2015; Aji, 2018).

**The Role of Counterfeiting According to the Quran**

According to the Quran verses, counterfeiting is prohibitive in Islam because Islam said any activity leading to such action is considered a fraud. Islam forbids all kinds of cheating and all deceiving acts, whether in buying and selling fraud or between people in any other matter. All Muslims are urged to be honest and trustworthy in everything they do in all situations.

"And do not argue on behalf of those who deceive themselves. Indeed, Allah loves not one who is a habitually sinful deceiver" (Quran 4:107).

"Lo! Allah defended those who are true. Lo! Allah loved not each deceitful ingrate" (Quran 22:38). 
“And measure full when you measure. And weigh with an even balance. This is better, and its end is good” (Quran 17:35).

Woe to the defrauders who use short measures, who, when they measure [a commodity bought] from the people, take the full Measure, but diminish when they measure or weigh for them” (Quran 83:1,2,3).

“O you who have believed, do not consume one another’s wealth unjustly but only (lawful) business by mutual consent. And do not kill yourselves (or one another). Indeed, Allah is to you ever merciful” (Quran 4:29).

And do not consume one another’s wealth unjustly or send it [in bribery] to the rulers in order that [they might aid] you [to] consume a portion of the wealth of the people in sin, while you have become along this life’s journey. Following the Prophet Muhammad’s (PBUH) Hadith or Sunnah, Allah’s ways and the religious teachings are both critical aspects of Islam. Hadith and Sunnah are both derived from the Prophet Muhammad’s sayings and acts, and the shari’a (religious law) offers answers to all ethical questions (Rice, 2006). Muslims believe that religion is not only faith but a systemic entity, a complete code of life. It offers guidance for its followers’ daily life, social, emotional, physical, and to some degree (Rice, 1999). Religion presumes two fundamental beliefs: faith in Allah and belief in the presence of another life. In other words, Muslims believe that their attitudes and acts in this life will affect their treatment in the hereafter (Tsalikis and Lassar, 2009). According to the Quran

“Rather, to Allah belong the hereafter and the first life” (Quran 53:25).

Central Duties
The second dimension is the fulfillment of the core religious duties. These consist of following more or less the “five pillars of Islam” duties which consist of religious beliefs and practices (Aji, 2018): (1) “Shahadah—the profession of faith; that there is no other God than Allah and Muhammad is the messenger.” (2) Five prayers in a day “And your Lord says! Call upon me; I will respond to you. Indeed, those who disregard My worship will enter hell contemptible” (40:60). (3) A month of Ramadan fasting, “O you who have believed! Fasting is prescribed to you as it was prescribed to those before you, so you can learn to control yourself” (2:183). (4) Zakat is Islamic finance in which every individual has to contribute a particular portion of wealth each year to the community. “Who is that would loan Allah a goodly loan so He may multiply it for him many times over? And it is Allah who withholds and grants abundance, and to him, you will be returned” (2:245). (5) A journey of Makkah to perform Hajj or umrah. “Indeed, the first House of worship established for mankind was at Makkah-blesses and the guidance for the whole worlds” (3:96).

Experience Dimension
The experience dimension includes people’s perceptions and practices of their faith (Rehman and Shahbaz Shabbir, 2010). Experience dimension is also known as mystical religiosity and it is defined as belief and practices in which Muslims seek the truth of God’s love and knowledge through God’s direct personal experience (Van Summeren, 2007), such as healing through prayer, “And when I am ill, it is God who cures me” (Quran26:80). And declare (O Muhammad) that (the Quran) is a guidance and healing for the believers (Quran41:44), protecting the Quran’s power, “Allah says in the Quran: never will we be struck except by what Allah has decreed for us; He is our protector. And upon Allah let the believers rely on” (Quran9:51), “And if an evil
suggestion comes to you from Satan, then seek refuge in Allah. Indeed, he is hearing and knowing” (Quran7:200), brotherhood, “the believers are but brothers, so make reconciliation between and fear Allah that you may receive mercy” (Quran49:10), and reward behavior, “Is the reward of goodness anything but goodness” (Quran55:60). Indeed, Allah does not do injustice, even as much as an atom’s weight; while there is a good deed, He multiplies it and gives from Himself a great reward (Quran4:40) and punish behavior, “As to those who reject faith, I will punish them in severe a punishment in this world and in the hereafter, nor will they have anyone to help” (Quran3:56) (Van Summeren, 2007; Aji, 2018).

Knowledge Dimension

The knowledge aspect involves knowledge of the person about religion. The contents of the Quran and Sunnah are usually the primary source of Islamic knowledge. Believers are expected to know a minimum of these contents. Muslims call for the in-depth understanding of equality for all human beings, a strong sense of brotherhood, good or bad deeds, including morality, modesty, humility, trustworthiness, duty, justice, patience, fairness, tolerance, ethics in dealing, care, empathy, and compassion (Rice, 1999; Ali and Weir, 2005).

“He also says, we have revealed to you the book which clarifies every matter” (Quran 16:89).

“Indeed this Quran guides to the path which is clearer and straighter than any other” (Quran, 17:9).

Orthopraxis Dimension

The Orthopraxis dimension of religiosity plays an important and distinct role in Muslim religiosity (Aji, 2018). Orthopraxis is defined as Muslims maintaining and practicing religious beliefs, practices, norms, and values in their daily life (Van Summeren, 2007), such as halal/haram, “O you who believe! Eat of the good things wherewith we have provided you, and render thanks to Allah if it is (indeed) He whom you worship” (Quran 2:127), the ban on interest “But Allah has permitted trade and has forbidden interest” (Quran4:40), and punish behavior, “As to those who reject faith, I will punish them in severe a punishment in this world and in the hereafter, nor will they have anyone to help” (Quran3:56) (Van Summeren, 2007; Aji, 2018).

Materials and Methods

Survey Design

A survey method was employed to validate the conceptual model because the quantitative research method predicts individual responses and examines the relationship between constructs (Newsted et al., 1998). Many researchers in the past have employed survey methods to study behavior in the field of social commerce (Lin et al., 2018; Liu et al., 2019; Sheik et al., 2019).

An online survey was used to collect data for this study. To manage the various responses from the respondents, the mail chimp software is used to administer all the online responses. The prospective respondents were Pakistani social media users who had at least one account on any social media platform (Facebook, Twitter, Instagram, or others). An online survey is deemed advantageous since it is less costly and gives timely replies with a broad geographic reach (Denscombe, 2006). In addition, by using an online survey, consistency between the study and data gathering contexts may be maintained (Liu et al., 2016). As a result, we believe that a survey method is the most appropriate approach for this study.

Measurement Scale

A 7-point Likert scale was used to measure all these constructs that ranged from strongly disagree = 1 to strongly agree = 7. A qualitative approach using the survey questionnaire method was used to examine the influence of religiosity on Pakistani Muslim youth’s attitude toward counterfeitr products. The questionnaire comprises two parts. Section A will be the attitude (5 items) (Ting et al., 2016), basic duties (3 items), central duties (6 items), knowledge (3 items), experience (4 items), and orthodox (6 items) (Aji, 2018) and section B includes demographics of age, gender, education, and income level.

Data Collection

In the current study, the non-probability sampling technique of purposive sampling was employed. It is suitable and more appropriate when the sampling frame is not available and the population is unknown (Ali et al., 2019b). Moreover, non-probability sampling techniques are suitable for theoretical generalization. Therefore, a purposive sampling technique was adopted. The data were collected from four universities in two major cities of Pakistan, namely Lahore and Multan, during the Spring 2021 semester. In coordination with the university’s student affairs office, a survey questionnaire was sent to students through their email accounts. The final questionnaire and a covering letter were sent out by email to the students who requested to participate in this research. We sent 600 questionnaires through email and received 427 responses, 394 of which were usable. As a result, the response rate was 65.67%. All

H1(a): Basic Duties dimension of religiosity negatively affect consumers’ attitude toward purchasing luxury counterfeit products.
H1(b): Central Duties dimension of religiosity negatively affects consumers’ attitude toward purchasing luxury counterfeit products.
H1(c): The experience dimension of religiosity negatively affects consumers’ attitudes toward purchasing luxury counterfeit products.
H1(d): The knowledge dimension of religiosity negatively affects consumers’ attitudes toward purchasing luxury counterfeit products.
H1(e): Orthopraxis dimension of religiosity negatively affect consumers’ attitude toward purchasing luxury counterfeit products.

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of the students who were asked to fill out the questionnaire had an account with at least one of Pakistan’s social media websites. Tables 1, 2 show the respondents’ demographics.

RESULTS

Structural Equation Modeling (SEM) has an advantage for statistical analysis in terms of efficiency, accuracy, and convenience over traditional multivariate statistical techniques (Usakli and Kucukergin, 2018). Moreover, SEM helps to examine both explanatory and confirmatory analysis. Structural equation modeling (SEM) has two well-known methods: covariance-based SEM (CB-SEM) and variance-based SEM (VB-SEM) (Hoyle, 1999). Partial least square (PLS-SEM) is used in this study to analyze the theoretical framework because the partial least-square SEM approach presents findings in two parts: the measurement model and the structural model. The measurement model (validity and reliability) and the structural model (testing the hypothesized relation between variables) were tested.

Measurement Model

The measurement model is used to observe the relationship between observed data and latent variables, and it also explains the calculation of variables. The advantage of this model was to assess the valuation of validity and reliability test. Construct reliability is measured using outer loading, and internal consistency of reliability was measured through composite reliability. Moreover, convergent reliability is measured through the average variance extracted (AVE) (Hair et al., 2014). To ascertain the items’ reliability, the out loadings should be above the suggested value of 0.50 (Hair et al., 2014), and the composite reliability should exceed the recommended value of 0.7. The AVE value is above the threshold value of 0.50 (Anderson and Gerbing, 1988). As shown in Table 2 (Figure 1), all outer loadings were found to be above the threshold values, the composite reliability (CR) value was higher than 0.70, and AVE scores were greater than 0.50.

Next discriminating validity, Heterotrait-Monotrait correlation ratio (HTMT) TEST, was used to measure discriminating validity because it is more potent than other methods. According to Kline (2015), the HTMT value should be less than 0.85, but Gold argues that the HTMT value should be

| Constructs | Items | Loadings | AVE  | CR  |
|------------|-------|----------|------|-----|
| Basic religiosity | BASR1 | 0.693 | 0.510 | 0.862 |
|  | BASR2 | 0.759 |  |  |
|  | BASR3 | 0.712 |  |  |
|  | BASR4 | 0.716 |  |  |
|  | BASR5 | 0.667 |  |  |
|  | BASR6 | 0.736 |  |  |
| Central duties | CEND1 | 0.855 | 0.712 | 0.881 |
|  | CEND2 | 0.863 |  |  |
|  | CEND3 | 0.813 |  |  |
| Experience | EXPE1 | 0.934 | 0.640 | 0.839 |
|  | EXPE2 | 0.789 |  |  |
|  | EXPE3 | 0.652 |  |  |
| Knowledge | KNOW1 | 0.861 | 0.656 | 0.851 |
|  | KNOW2 | 0.747 |  |  |
|  | KNOW3 | 0.818 |  |  |
| Orthopraxis | ORTH1 | 0.828 | 0.614 | 0.823 |
|  | ORTH2 | 0.887 |  |  |
|  | ORTH3 | 0.607 |  |  |
| Attitude | ATTI1 | 0.707 | 0.565 | 0.838 |
|  | ATTI2 | 0.713 |  |  |
|  | ATTI3 | 0.788 |  |  |
|  | ATTI4 | 0.794 |  |  |

TABLE 1 | Characteristics of respondents.

| Characteristics | Frequency | Percentage |
|-----------------|-----------|------------|
| Gender          |           |            |
| Male            | 227       | 57.61      |
| Female          | 167       | 42.39      |
| Age             |           |            |
| 18–21           | 104       | 26.40      |
| 22–25           | 148       | 37.56      |
| 26–29           | 89        | 22.59      |
| 30–over         | 53        | 13.45      |
| Education       |           |            |
| Undergraduate   | 176       | 44.67      |
| Graduates       | 153       | 38.83      |
| Postgraduate    | 65        | 16.50      |
less than 0.90 to affirm discriminant validity (Gold et al., 2001). All HTMT values are below the threshold value (see Table 3).

**Structure Model**

Once the measuring model has been confirmed as reliable and valid, the second step is to examine the structural model. The structural model involves the significance of path coefficient, \( t \)-values, coefficient of determination (R2), effect size (\( f^2 \)), and predictive relevance (Q2). Using the bootstrapping method (5,000 resample), path coefficient significance was measured. The results indicate that all hypotheses are accepted and significant toward individuals’ attitudes to purchasing counterfeit products. However, findings suggested that the knowledge dimension has the most significant negative impact on attitude to use luxury counterfitting products (47%), followed by the orthopraxis dimension (19%), experience dimension (13%), central duties (8%), and basic religiosity (7%) (see Table 4). The R2 of attitude is 0.524, which indicates that 52% variation in attitude to use luxury counterfeiting products is due to these five religiosity dimensions, which is a moderate effect as per indication by Hair et al. (2011) who suggested that R2 values of 0.25, 0.50, and 0.75 are considered as a week, moderate, and substantial. As per Cohen (1998), effect size ranges from small to large because 0.02 is deemed to be small, 0.15 as a medium, and 0.35 as a strong effect. Moreover, this study does not rely only on R2 but also checks the predictive relevance in the recommended range, that is, 0.204 > 0 (Figure 2).
Counterfeiting is a centuries-old crime, the proliferation of counterfeit products has become a global phenomenon, and indeed is a serious business issue all over the nation (Wilcox et al., 2009; Chaudhry and Stumpf, 2011). It is fascinating how religion, culture, and counterfeit products interact. However, there is a lack of academic research investigating the influence of religiosity and attitude toward counterfeit products, especially among Muslim consumers (Arli et al., 2017; Souiden et al., 2018). Because of the lack of academic research and gap in the literature, this study’s primary purpose is to examine how Muslim religious commitment influences the attitude toward counterfeit products. Data analysis confirmed that five religiosity dimensions such as basic duties, central duties, experience, knowledge, and orthopraxis directly influence the individuals’ attitudes toward counterfeit products.

The knowledge dimension means the person’s knowledge of the content of Islam (Waardenburg, 2002). The results show that the Knowledge dimension has the highest negative impact on consumers’ attitudes to buy luxury counterfeiting products in Pakistan (Beta = -0.477, p > 0.05). The highest impact of the knowledge dimension is in line with the expectations that more knowledge and study of basic tenets and scriptures of Islam influence Muslims to act accordingly. This finding also collaborates with the previous studies (Farrag and Hassan, 2015; Briliana and Mursito, 2017) who suggested that the contents of the Quran and Hadith completely guide the followers in every aspect of life and it also instructs them on what is right and wrong (Rohrbaugh and Jessor, 1975), and when the individual has more knowledge about the content of Quran and Hadith than the individual behaves in a relatively more.

Orthopraxis was the second-highest effective dimension of attitude toward counterfeiting product usage in Pakistan. Orthopraxis means that Muslims uphold the religious belief and follow norms and values in their daily lives (Van Summeren, 2007). The results indicated that orthopraxis significantly negatively impacts consumers’ attitudes toward counterfeiting products in Pakistan (Beta = -0.194, p > 0.05). The results are also in agreement with previous research (Farrag and Hassan, 2015; Souïden et al., 2018), and the possible reason for these results could be the orthodox person who strictly follows the religion and did not compromise on religious norms (gender segregation, avoid shaking of hands, and avoiding listening to music) (Aji, 2018). The orthodox Muslim has a more developed fear of divine punishment. They are more afraid of being in haram than less likely to be involved in unethical and illegal activities. It has a significant negative effect on attitudes toward counterfeit products.

The experience dimension is also called mystical religion, and this may include feelings, emotions, and knowledge generated from some experience with the ultimate divine truth (Van Summeren, 2007). Empirical findings suggested that the experience dimension has a moderate negative impact on available dimensions on the consumer’s attitude toward counterfeiting luxury products in Pakistan (Beta = -0.132,
One plausible explanation for the significant results is that when the individual is more afraid of the creator, they abide by what is considered good (halal) and avoid what is deemed bad (haram), which can be seen in their practices. Muslims follow the instructions of ALLAH because they know that their excellent behavior rewards them and their bad behavior punished them in the hereafter (Souiden and Rani, 2015). These experiences of instructions motivate consumers to avoid those products that are not legal, for instance, counterfeiting luxury products.

Central duties include religious practices like prayers, dedication, and all the things a person is doing to fulfill their religious commitment. The person follows all the spiritual approaches at the collective level (Edwards and Carpenter, 2013). H2 claims that central duties directly influence the attitude toward purchasing counterfeit products. Results of central duties (Beta = -0.081, p > 0.05) show a negative association of religious duties with attitude toward counterfeit products with a weak effect. The results are consistent with the earlier study. Previous studies also suggest that a person with strong religious commitment is less likely to engage in unethical behavior such as illegal use of the drug (Wagener et al., 2003; Mellor and Freeborn, 2011; Sanchez et al., 2011), viewing the internet obscene materials (Wagener et al., 2003; Stack et al., 2004), students cheating (Barnett et al., 1996; Allmon et al., 2000), business ethics (Conroy and Emerson, 2004), insider trading (Terpstra et al., 1993), and alcohol consumption (Brown et al., 2001; Brechtting et al., 2010). The more religious people respect, follow, and practice their religion (Souiden and Rani, 2015), and their submission must be evident in the individuals’ actions.

Basic duties simply mean the core belief of every individual, individuals are committed to these beliefs on the individual level (Aji, 2018), and basic duties directly influence the attitude toward the purchase of counterfeit products. The results of this study confirm that basic duties (Beta = -0.071, p > 0.05) have a weak negative relationship with attitude toward the purchase of counterfeit products. Some previous researches also validate the finding of the study. Basic duties are interconnected with the core or fundamental values of Islam, which differentiate Muslims from non-Muslims. The main reasons for the results are the previous author characterized these beliefs into three types. The first type of belief explains the exitance of the divine, the second type of belief explains the purpose of the divine, and the third describes the ethical structure of the whole region (Hassan, 2007). However, basic religiosity does not guarantee the following of rituals and experiences, and it is the individual’s level of religiosity that varies. That’s why it is the weakest dimension affecting consumer attitude in Pakistan.

**PRACTICAL AD THEORETICAL IMPLICATIONS OF THE STUDY**

The study has investigated the effect of religiosity on luxury counterfeited products in Pakistan. The study has contributed theoretically in many ways. Researchers have confirmed the relationship between attitude and religiosity of individuals toward different moral and ethical issues, such as the drug’s illegal use. Nevertheless, there is little literature on the relationship between religiosity and counterfeit/pirated products. So, studying the effect of religiosity will enhance the understanding of the phenomena. Second, the study has adopted a five-dimensional Muslim religiosity model to understand Pakistan consumers’ behavior. However, previous researchers have adapted the translated Glock (1972) model to the Muslim context, with many limitations in explaining Muslim consumers’ religiosity. So, the adoption of the Islamic religiosity model in the counterfeit/pirated context has added new insights to the literature. Third, the study has targeted generation M for the research. Generation M is, in particular, Muslim consumers who have unique desires, consumption, and living patterns. Studying generation M in Pakistan has contributed as Pakistan has one of the largest young populations. Moreover, these consumers care about ethical and moral decision-making. However, the literature regarding generation M consumption behavior of counterfeiting products was not found. So, this research has fulfilled this gap in the literature that was absent. Finally, our research contributes to a better understanding of the online consumers’ purchasing behavior in e-commerce by focusing on a crucial purchasing experience: counterfeit purchase intention. There was a lot of research on why consumers buy counterfeit products in the offline context in the past. However, previous research has not looked at the determinants influencing consumers to purchase counterfeiting products in e-commerce.

**Managerial Implications**

This study’s results help the managers, particularly those who deal in the market of Islamic countries. First, this study mentioned that religiosity is the main factor that predicts attitude toward counterfeit products. The main problem is that people do not see themselves as unethical in buying counterfeit products. In this regard, the Muslim country used religious appeal. However, various unethical practices, including corruption and digital piracy, exist in Pakistan, so spiritual appeal plays a vital role in changing young consumers’ perception because 87% of Pakistani people like to see themselves first as Muslim. So, marketers must use the Quran and Hadith in their religious appeal, which will allow them to buy the original products instead of counterfeiting. While making advertisements and marketing campaigns, the marketers must use these sentences, such as Allah said! Do not deceive others; Allah wants justice, which helps them to provoke and motivate them to buy legal or original products. Second, the managers and marketers can change these attitudes by educating and providing awareness about the side effects of using counterfeit products and original brands by providing information through blogs, emails, websites, social media, and so on, about the logo and trademarks, and their packaging. Original manufacturers also make time to time changes in the product’s designs and packaging to attract and retain consumers. Hence, customers are more conscious while purchasing products.

**Organizational and Institutional Implications**

The governments, politicians, and news organizations should cooperate and reinforce “anti-counterfeiting organizations,” such
as “Pakistan’s anti-counterfeiting agency, Pakistan’s Standard” and “Quality Control Authority,” in Pakistan to prevent counterfeiting by sharing the experience of damage and harmful effects of counterfeit products and counterfeit business. Also, enact strict rules and regulations and levy sanctions or prosecute producers, distributors, and customers, impose penalties and punishments on buyers and sellers if they have been found doing counterfeit-related activities, and finally to prevent counterfeit purchases in the online context; legislators and IT experts should rigorously monitor online retailers’ activities and establish an atmosphere that prohibits the sale of counterfeit goods. IT experts can identify online sellers, disable the S-commerce platform instantly, and report them to the appropriate authorities. Online platforms are easier to track down unethical trading than offline. Finally, the COVID-19 epidemic has also influenced consumer spending. During the epidemic, both social media use and social commerce business grew. As a result, officials projected greater online buying for counterfeit products. To confront this new condition, the official must formulate policies.

LIMITATIONS AND FUTURE DIRECTIONS

Although this study has some interesting findings and implications, our research has some limitations. First, this study focuses only on attitudes toward the use of counterfeit products rather than intentions and actual behavior. So, future research can be conducted to check the intention and the actual behavior of the consumers. Second, future research could use these dimensions of religiosity (basic duties, central duties, knowledge, experience, and orthodoxy) on specific counterfeiting products like cosmetics, digital piracy, and online books. Third, many other factors or variables like culture, income, and education should be added to conduct further research. Fourth, this study only focuses on young Muslim consumers. Further studies can consider other religions like Christians, Hindus, Jews, and Buddhism.

DATA AVAILABILITY STATEMENT

The raw data supporting the conclusions of this article will be made available by the authors, without undue reservation.

ETHICS STATEMENT

Ethical review and approval were not required for the study on human participants in accordance with the local legislation and institutional requirements. Written informed consent from the patients/participants or patients'/participants’ legal guardian/next of kin was not required to participate in this study in accordance with the national legislation and the institutional requirements.

FACTORS CONTRIBUTIONS

SA and HZ: conceptualization and writing of the original manuscript. MA and NK: review and improve. PP: data collection and analysis. All authors contributed to the article and approved the submitted version.

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REFERENCES

Aji, H. M. (2018). The effect of knowledge about halal and Islamic religiosity on attitude toward halal label. Conf. Islam. Manag. Account. Econ. Proc. 1, 1–8.

Alhaimer, R. (2022). Fluctuating attitudes and behaviors of customers toward online shopping in times of emergency: The case of Kuwait during the COVID-19 pandemic. J. Int. Commerce 21, 26–50. doi: 10.1080/15332861.2021.1882758

Ali, A. J., and Weir, D. (2005). Islamic perspectives on management and organization. J. Manage. Spirit. Relig. 2, 410–415. doi: 10.1080/147660080509518602

Ali, S. (2017). The Antecedents of Consumer Intention to Purchase Halal Cosmetic Products in Pakistan: Using Behavioral Reasoning Theory. Ph.D. Thesis. Kedah: Universiti Utara Malaysia.

Ali, S., Danish, M., Khuwaja, F. M., Sajjad, M. S., and Zahid, H. (2019a). The variables like culture, income, and education should be added to the article and approved the submitted version.

Arli, D., Kubacki, K., Tjipnton, F., and Morenodziec, S. (2017). Religiosity and digital piracy among young consumers in an emerging market. Young Consum. 18, 40–53. doi: 10.1108/YC-08-2016-00627

Aslam, M. K., Safa, M., Ali, S., and Danish, M. (2019). Consumers’ intention towards plastic bags usage in a developing nation: Applying and extending the theory of planned behavior. Pacif. Bus. Rev. Int. 12, 81–95.

Barnett, T., Bass, K., and Brown, G. (1996). Religiosity, ethical ideology, and intentions to report a peer’s wrongdoing. J. Bus. Ethics 15, 1161–1174. doi: 10.1007/BF00412815

Beit-Hallahmi, B., and Argyle, M. (1997). The Psychology of Religious Belief, Behaviour, and Experience. London: Routledge. doi: 10.4324/9781315812601

Brechting, E. H., Brown, T. L., Salsman, J. M., Sauer, S. E., Holeman, V. T., and Carlson, C. R. (2010). The role of religious beliefs and behaviors in predicting underage alcohol use. J. Child Adoles. Subs. Abuse 19, 324–334. doi: 10.1080/1067928X.2010.502494

Briliana, V., and Mursito, N. (2017). Exploring antecedents and consequences of Indonesian Muslim youths’ attitude towards halal cosmetic products: A case study in Jakarta. Asia Pacif. Manag. Rev. 22, 176–184. doi: 10.1016/j.apmrv.2017.07.012

Brown, T. L., Parks, G. S., Zimmerman, R. S., and Phillips, C. M. (2001). The role of religion in predicting adolescent alcohol use and problem drinking. J. Stud. Alcohol 62, 696–705. doi: 10.15288/jsa.2001.62.696

Bupalan, K., Rahim, S. A., Ahmi, A., and Rahman, N. A. A. (2019). Consumers’ repurchase intention towards counterfeit products. Int. J. Supply Chain Manag. 8, 973–981.
and anxiety. J. Retail. Consum. Serv. 62:102600. doi: 10.1016/j.jretconser.2021.102600

Peltzer, K., Pengpid, S., Amuleru-Marshall, O., Mufune, P., and Zeid, A. A. (2016). Religiosity and health risk behaviour among university students in 26 low, middle and high income countries. J. Relig. Health 55, 2131–2140. doi: 10.1007/s10943-016-0260-5

Perry, S. L., and Whitehead, A. L. (2019). Only bad for believers? Religion, pornography use, and sexual satisfaction among American men. J. Sex Res. 56, 50–61. doi: 10.1080/00224499.2017.1423017

Rehman, A., and Shahbaz Shabbir, M. (2010). The relationship between religiosity and new product adoption. J. Islam. Market. 1, 63–69. doi: 10.1108/17590831011026231

Rice, G. (1999). Islamic ethics and the implications for business. J. Bus. Ethics 18, 345–358. doi: 10.1023/A:1005711443006

Rice, G. (2006). Pro-environmental behavior in Egypt: Is there a role for islamic environmental ethics? J. Bus. Ethics 65, 373–390. doi: 10.1007/s10551-006-0010-9

Rohrbaugh, J., and Jessor, R. (1975). Religiosity in Youth: A personal control against deviant behavior. J. Personal. 43, 136–155. doi: 10.1111/j.1467-6494.1975.tb00577.x

Rostosky, S. S., Wilcox, B. L., Wright, M. L. C., and Randall, B. A. (2004). The impact of religiosity on adolescent sexual behavior. J. Adolescent. Res. 19, 677–697. doi: 10.1177/0743558403260019

Russell, A. M., Yu, B., Thompson, C. G., Sussman, S. Y., and Barry, A. E. (2020). Understanding the mediating role of attitude and moderating role of hedonic benefits. of religiosity on purchase intentions towards counterfeit products: Investigating the mediating role of attitude and moderating role of hedonic benefits. Heliyon 7:e06026. doi: 10.1016/j.heliyon.2021.e06026

Sanchez, Z. M., Opaleye, E. S., Chaves, T. V., Noto, A. R., and Nappo, S. A. (2011). Religiosity and developmental resources in youth. J. Adolesc. Res. 26, 591–616. doi: 10.1177/0743558411402337

Saroglou, V., Delpierre, V., and Dernelle, R. (2004). Values and religiosity: A meta-analysis of studies using Schwartz’s model. Pers. Indiv. Differ. 37, 721–734. doi: 10.1016/j.paid.2003.10.005

Sheikh, Z., Yezheng, L., Islam, T., Hameed, Z., and Khan, I. U. (2019). Impact of social commerce constructs and social support on social commerce intentions. Inform. Technol. People 32, 68–93. doi: 10.1108/ITP-04-2018-0195

Singh, R., Dwivedi, A. D., and Srivastava, G. (2020). Internet of things based blockchain for temperature monitoring and counterfeit pharmaceutical prevention. Sensors 20:3951. doi: 10.3390/s20143951

Souiden, N., and Rani, M. (2015). Consumer attitudes and purchase intentions toward Islamic banks: The influence of religiosity. Int. J. Bank Market. 33, 143–161. doi: 10.1108/IJBMR-10-2013-0115

Souiden, N., Kadari, R., and Zarrour Amri, A. (2018). Is buying counterfeit sinful? Investigation of consumers’ attitudes and purchase intentions of counterfeit products in a Muslim country. Int. J. Consum. Stud. 42, 687–703. doi: 10.1111/ics.12466

Stack, S., Wasserman, I., and Kern, R. (2004). Adult social bonds and use of internet pornography. Soc. Sci. Q. 85, 75–88. doi: 10.1111/j.0038-4941.2004.08501006.x

Terpstra, D. E., Rozell, E. J., and Robinson, R. K. (1993). The influence of personality and demographic variables on ethical decisions related to insider trading. J. Psychol. 127, 375–389. doi: 10.1080/00223980.1993.9915573

Ting, M. S., Goh, Y. N., and Isa, S. M. (2016). Determining consumer purchase intentions toward counterfeit luxury goods in Malaysia. Asia Pacif. Manag. Rev. 21, 219–230. doi: 10.1016/j.apmrv.2016.07.003

Tsalikis, J., and Lasar, W. (2009). Measuring consumer perceptions of business ethical behavior in two Muslim countries. J. Bus. Ethics 89, 91–98. doi: 10.1007/s10551-008-9986-7

Usakli, A., and Kucukkergin, K. G. (2018). Using partial least squares structural equation modeling in hospitality and tourism: Do researchers follow practical guidelines? Int. J. Contemp. Hospiality Manag. 30, 3462–3512. doi: 10.1108/IJCHM-11-2017-0753

Van Summeren, C. (2007). Religion online: The shaping of multidimensional interpretations of muslinhood on Maroc.nl. Communications 32, 273–295. doi: 10.1515/COMMUN.2007.015

Varela, M., Lopes, P., and Mendes, R. (2021). Luxury brand consumption and counterfeit: A case study of the portuguese market. Innov. Market. 17, 45–55. doi: 10.21511/im.17(3).2021.03

Waardenburg, J. (2002). Islam: Historical, Social, and Political. Berlin: Walter de Gruyter.

Wagener, L. M., Furrow, J. L., King, P. E., Leffert, N., and Benson, P. (2003). Religious involvement and developmental resources in youth. Rev. Relig. Res. 44, 271–284. doi: 10.2307/3512387

Wilcox, K., Kim, H. M., and Sen, S. (2009). Why do consumers buy counterfeit luxury brands? J. Mark. Res. 46, 247–259. doi: 10.1509/jmkr.46.2.247

Williams, G. (1979). Religion, Language, and Nationality in Wales: Historical Essays. Cardiff: University of Wales Press.

Yaakop, A. Y., Hafeez, H. M., Faisal, M. M., Munir, M., and Ali, M. (2021). Impact of religiosity on purchase intentions towards counterfeit products: Investigating the mediating role of attitude and moderating role of hedonic benefits. Heliyon 7:e06026. doi: 10.1016/j.heliyon.2021.e06026

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