Exploring the Influence of Potential Entrepreneurs’ Personality Traits on Small Venture Creation: The Case of Saudi Arabia

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This study examined the impact of selected personality traits—innovativeness, internal locus of control, need for achievement and propensity to take risks—on the entrepreneurial intention of Saudi students (young entrepreneurs). The study sample included 165 students from an applied college affiliated with King Faisal University. The participants completed an online self-administered questionnaire, the data from which were analyzed using the partial least squares structural equation modeling (PLS-SEM) method. The findings revealed that the characteristics of innovativeness, internal locus of control and propensity to take risks had a positive relationship with entrepreneurial intention. However, the need for achievement had no relationship with entrepreneurial intention. The study model predicted approximately 25% of the total variance in entrepreneurial intention. It is recommended that in future studies, the sample size should be increased and the scope of the study should be broadened.

Keywords: SMEs, entrepreneurs, innovativeness, Saudi Arabia, internal locus of control

INTRODUCTION

Entrepreneurship and small and medium-sized enterprises (SMEs), since their inception, have been considered key drivers for economic growth and development, the creation of new job opportunities, the mitigation of poverty, and the resolution of socioeconomic problems (Li et al., 2020; Yaser et al., 2020; Alshebami, 2021; Arkorful and Hilton, 2021; Cai et al., 2021; Chew et al., 2021; Elnadi and Gheith, 2021; Jiatong et al., 2021). Entrepreneurship is the process of identifying a business opportunity, pursuing the opportunity, and developing the necessary skills to maximize its benefits. Entrepreneurship is also the process of venture creation (Liñán and Chen, 2009). Entrepreneurship has received much attention recently by different scholars who have looked at it from different points of view.

The significance of entrepreneurship to economic growth and development has compelled governments in both developed and developing countries to design and implement the essential tools and support needed to stimulate entrepreneurial endeavors and encourage an entrepreneurial mindset in individuals. Various initiatives have been launched for this purpose and have largely been directed toward young individuals as they are the economic producers of the future (Belló et al., 2018). Supporting entrepreneurship may include the provision of adequate entrepreneurship ecosystems capable of attracting entrepreneurs (Ali et al., 2019). In addition, the presence of stiff competition and various market challenges imposes ressures such that focusing on physical ecosystems alone may lead to the incomplete development of entrepreneurship and entrepreneurial intention. This is a particularly salient consideration given that entrepreneurial behavior is strongly...
entrepreneurial intention (Ajzen, 1991; Liñán and Chen, 2009), which is in turn influenced by personal traits or characteristics, including those of a psychological nature.

According to Koh (1996) and Gurok and Atsan (2006), internal locus of control, the need for achievement, innovativeness and the propensity to take risks are considered key to the development of entrepreneurial intention. To these, Bellò et al. (2018) added self-efficacy and the desire to innovate. In the extant literature, the need for achievement has been defined as the desire or determination to succeed in a competitive environment (Schaper et al., 2010). Meanwhile, innovativeness has been described as the ability to recognize and carry out entrepreneurial tasks in a creative manner (Nasip et al., 2017). Another key to entrepreneurial intention, the propensity to take risks, has been likened to capacity building because it promotes a positive attitude toward self-efficacy (Naushad, 2018). Finally, internal locus of control is regarded as feelings or conceptions about critical elements that affect or cause life events (Koh, 1996). These personal traits, despite their assumed importance, have received relatively little research attention with respect to their effect on entrepreneurial intention, particularly among young entrepreneurs in various parts of the world (Nasip et al., 2017; Bhatti et al., 2021).

In the case of Saudi Arabia, which is a developing country largely dependent on oil revenue, the steady decline in oil prices worldwide has led to a notable budget deficit and the consequent struggle to cover its expenses. Accordingly, the Saudi government developed a comprehensive plan, named “Saudi Vision 2030,” to introduce large-scale reforms to various economic sectors. Included in these reforms is heightened support for entrepreneurship and SMEs, some explicit aims of which are to increase the contribution of SMEs to the national GDP from 20 to 35%, reduce the unemployment rate from 12.9 to 7% by 2030, and encourage participation by young females in the labor market (Khan and Alsharif, 2019; Aljarodi, 2020; Aloulou, 2021; Alshebami and Seraj, 2021b). Another goal of the Saudi Vision 2030 plan is to create about 6 million job opportunities by 2030 (Elnadi and Gheith, 2021). Accordingly, the Saudi government and other official national entities have established various funding institutions, entrepreneurial initiatives, and incubators to promote the development of entrepreneurship and SMEs in the country (Khan and Alsharif, 2019; Alshebami et al., 2020).

According to Roomi et al. (2021), Saudi Arabia is currently positioned sixth in the Global Entrepreneurship Index (GEI) due in large part to the economic support provided by the government to improve the economy in general and to mitigate the economic effects of COVID-19 in particular, especially among SMEs. This support has been considered essential because the SME sector in Saudi Arabia includes approximately 99.6% of all private sector ventures. Therefore, to further support the Saudi government’s efforts to erect institutional structures and cultivate entrepreneurship among citizens, young citizens in particular, to better facilitate the launching of small businesses, it is important to expand knowledge about the key personal traits that contribute to entrepreneurial intention, especially among younger adults (Nasip et al., 2017). In the Saudi context, for entrepreneurs to succeed, it is particularly essential to explore personal traits directly associated with business establishment (Bhatti et al., 2021). More specifically, it is vital to investigate levels of readiness among young Saudis in terms of their entrepreneurial intention to start small businesses. Likewise, it is crucial to identify which factors potentially motivate individuals to become entrepreneurs in the first place. Also of importance is to determine the pathways through which entrepreneurial intention among young graduates is stimulated (Shahzad et al., 2021).

In the extant literature on entrepreneurship in Saudi Arabia, it is noted that, despite the variety of existing studies, few examinations have been conducted on the personal traits responsible for the development of entrepreneurial intention. Instead, most research has focused on entrepreneurial education, psychological capital, formal institutions and related aspects (Aljaghthami and Noormala, 2016; Ibrahim and Amari, 2018; Alkahtani et al., 2020; Aloulou, 2021; Alshebami et al., 2020; Sharahiley, 2020; Yaser et al., 2020; Alshebami and Seraj, 2021a). Comparatively few studies have concentrated on psychological characteristics and their connections to other factors, such as training (Naushad, 2018; Bhatti et al., 2021).

Accordingly, and based on calls by previous studies to continue to explore the key personal traits responsible for the development of entrepreneurial intention among young adults, the present research investigated selected personal traits believed to influence entrepreneurial intention among students enrolled at an applied college affiliated with King Faisal University. It was considered important to address this population as they will be the drivers of the future economy of Saudi Arabia. Additionally, as students of applied colleges (which offer only diploma programs) are less likely than bachelor’s degree students from other colleges to find employment within the government sector, encouraging them to become entrepreneurs is a worthwhile pursuit. The following research question was formulated based on this underlying rationale:

1. Do internal locus of control, need for achievement, innovativeness and propensity to take risks enhance entrepreneurial intention among Saudi students at an applied college affiliated with King Faisal University?

This article is organized into the following sections. Following the introduction, the literature review and hypotheses are presented. Then, the methodology of the study and the analysis of the research results are described, after which these results and their implications are discussed. Lastly, some conclusions based on the study are provided.

LITERATURE REVIEW AND HYPOTHESIS

PERSONAL TRAITS AND ENTREPRENEURIAL INTENTION

Ajzen (1991) argued that intention was the best predictor of behavior. Going further, Ajzen claimed that intention is affected
by three factors: attitude toward behavior, subjective norms and perceived behavioral control. Each of these factors can either positively or negatively impact entrepreneurial intention (Al-Jubari, 2019; Alshebami et al., 2020; Francisco Liñán and Chen, 2009). Entrepreneurial intention, the initial step in the entrepreneurial process (Elnadi and Gheith, 2021; Shahzad et al., 2021), can be defined as the willingness and desire to establish and own a business.

Entrepreneurial intention can be influenced by a variety of factors, such as institutional factors, or so-called ecosystem factors (Ali et al., 2019), or personal factors, such as internal locus of control, need for achievement, innovativeness and propensity to take risks (Koh, 1996; Nasip et al., 2017; Ndofirepi, 2020; Bhatti et al., 2021). Personal factors such as these can generate different and often conflicting results in diverse contexts. An important question, then, is why these personal factors cause some individuals to become entrepreneurs and not others (Nasip et al., 2017). To address this issue, we examined these personal traits among Saudi students at an applied college and their relation to entrepreneurial intention, borrowing from theories linking personality traits to entrepreneurship (Krueger, 2000).

Innovativeness and Entrepreneurial Intention
Innovativeness is the quality of being or producing something novel, unique, remarkable or original (Staniewski et al., 2016). In the commercial domain, innovativeness can culminate in the establishment of start-ups that market original products or services and/or involve novel business activities or marketing approaches (Koh, 1996). Such ventures can make significant contributions to economic development and growth (Lewandowska et al., 2021). Innovativeness also plays a pivotal role in the cultivation of entrepreneurial intention in terms of conduct, attentiveness, and the use of technology to develop business models and strategies (Koe, 2016; Nasip et al., 2017; Wathanakom et al., 2020; Shahzad et al., 2021), as evidenced by the fact that entrepreneurs are typically more innovative than ordinary people (Robinson et al., 1991). Entrepreneurs rely on their innovative faculties to develop new products and services as well as to find solutions to challenging issues (Wathanakom et al., 2020). Accordingly, the following hypothesis was formulated:

H1: Innovativeness positively influences entrepreneurial intention among Saudi students.

Internal Locus of Control and Entrepreneurial Intention
Conceptually speaking, the origin of locus of control can be traced to personality theory (Rotter, 1966). In practice, locus of control refers to feelings or perceptions regarding crucial elements that influence or cause life events. Two types of locus of control have been identified: internal and external. In this study, focus was placed on internal locus of control, which is the degree or extent to which people believe they possess the ability to control and manage their day-to-day lives (Arkorful and Hilton, 2021). Internal locus of control is believed to play a key role in the development of entrepreneurial intention. And yet, the extant literature on the relationship between internal locus of control and entrepreneurial intention has generated conflicting results (Rauch and Frese, 2007; Ferreira et al., 2012).

For example, Koh (1996), Mueller and Thomas (2000), and Gurol and Atsan (2006) demonstrated a positive connection between internal locus of control and entrepreneurial intention. More specifically, they found that students with a high internal locus of control had a stronger entrepreneurial intention. Other researchers, however, have found no such positive association between internal locus of control and entrepreneurial intention (Ferreira et al., 2012; Dinis et al., 2013). Still, it is reasonable to suspect that those who possess a high internal locus of control are more likely to become entrepreneurs (Lefcourt, 2014; Vodă and Florea, 2019; Arkorful and Hilton, 2021) and to more effectively find and implement solutions to related challenges (Kusumawijaya, 2019; Zhao and Wibowo, 2021). Accordingly, the following hypothesis was proposed:

H2: Internal locus of control positively influences entrepreneurial intention among Saudi students.

Need for Achievement and Entrepreneurial Intention
McClelland (1961) theorized about the need for achievement, which can be defined as the desire to excel in competitive environments (Schaper et al., 2010). The need for achievement is believed to be a key personal trait that drives the behavior of individuals in general and entrepreneurs in particular (Koh, 1996). In the domain of entrepreneurship, the need for achievement is one of many factors responsible for motivating individuals to engage in venture creation (Shaver and Scott, 1992). Importantly, it has also been found that the need for achievement is an especially influential determinant for entrepreneurial intention among individuals in general and students in particular (Tong et al., 2011; Ferreira et al., 2012; Nasip et al., 2017; Kusumawijaya, 2019; Ndofirepi, 2020). In other words, those individuals with a greater need for achievement tend to have stronger entrepreneurial intention (Naushad, 2018) and to consequently take the actions needed to become entrepreneurs (Robinson et al., 1991). Therefore, the following hypothesis was developed:

H3: The need for achievement positively influences entrepreneurial intention among Saudi students.

Propensity to Take Risks and Entrepreneurial Intention
The propensity to take risks also acts as a significant determinant of entrepreneurial intention. This propensity can be described as the degree to which one determines that the benefits of an action outweigh the risks. The propensity to take risks is often based on subjective risk assessments and interpretations (Marton et al., 2021). It is also implicated in capacity building since it instills in people a better attitude toward self-efficacy (Naushad, 2018) and as such makes them more likely to take risks (Koh, 1996). The extant literature has shown that the propensity to take risks influences entrepreneurial intention (Gurel et al., 2010;
Uddin and Bose, 2012; Ndofirepi, 2020; Shahzad et al., 2021) and, furthermore, makes those with a greater propensity to take risks more competitive (Shahzad et al., 2021). Accordingly, the following hypothesis was formulated:

H4: The propensity to take risk positively influences entrepreneurial intention among Saudi students.

The items investigated in the study were measured using a 5-item scale, with 1 representing “total disagreement” and 5 representing “complete agreement.”

DATA ANALYSIS AND INTERPRETATION

To analyze and interpret the research data, two steps were required: evaluating the measurement model, and evaluating the structural model.

The Measurement Model

In the measurement model, the reliability and convergent validity of the measures used in the study were examined carefully. First, the indicator loadings were evaluated. In this test, the loading value was recommended to be 0.70 or above. If so, then the measured construct could be determined to explain 50% of the variance in the indicator, thereby demonstrating acceptable reliability (Hair et al., 2019). However, the decision to remove items with loading values below 0.70 should depend on whether doing so would increase composite reliability. That said, items with loading values below 0.40 should definitely be removed (Hair et al., 2011, 2017).

The second step in the evaluation of the measurement model included the assessment of the reliability of internal consistency using the composite reliability test. In this test, the higher the composite reliability values, the greater the reliability. A composite reliability value between 60 and 70 is considered acceptable (Hair et al., 2017). The third step involved the evaluation of convergent validity, which is the degree to which a measure compares favorably with another measure of the same construct. In this step, average variance extracted (AVE) was used for this purpose. The recommended value of the AVE should be above 0.50.

RESEARCH METHODOLOGY

Participants and Procedures

The study sample was recruited via the administration of an online questionnaire to students of the Abqaiq applied college, which is affiliated with King Faisal University in Saudi Arabia. The college offers two diploma programs: a human resource management (HRM) program and a medical secretary program. The study sample comprised 165 participants, both male and female. These students were targeted because their diploma programs can be completed in a short duration of time and also because the students are expected to be potential entrepreneurs. The researchers adopted measures employed in previous studies and carefully translated them into the Arabic language. A pilot study was first conducted with 15 respondents to assess the validity of the questionnaire. As no validity concerns were raised, the questionnaire was administered to the students (potential entrepreneurs) in the main study, remaining online for 1 month. Table 1 gives a brief outline of the demographic information of the study participants.

Table 1 show that male respondents made up 58.2 percent of the total, while female respondents made up 41.8 percent. The respondents ranged in age from 18 to 27. Furthermore, 70.9 percent of respondents stated that they have no prior experience managing a business. Furthermore, 98.2 percent of students are enrolled in the HRM program, while 1.8 percent are enrolled in the medical secretary program.

Measures

In Table 2, the measures used in the study are listed.

TABLE 3 | Reliability and convergent validity.

| Construct               | Loadings | Composite reliability | Average variance extracted (AVE) |
|-------------------------|----------|-----------------------|----------------------------------|
| Entrepreneurial intention |          |                       |                                  |
| EI3                     | 0.821    |                       |                                  |
| EI4                     | 0.815    |                       |                                  |
| EI6                     | 0.835    |                       |                                  |
| EI8                     | 0.890    |                       |                                  |
| Innovativeness          |          | 0.781                 | 0.543                            |
| Inov2                   | 0.708    |                       |                                  |
| Inov3                   | 0.778    |                       |                                  |
| Inov4                   | 0.723    |                       |                                  |
| Internal locus of control |        | 0.790                 | 0.653                            |
| LOC4                    | 0.841    |                       |                                  |
| LOC6                    | 0.774    |                       |                                  |
| Need for achievement    |          | 0.814                 | 0.686                            |
| NFA1                    | 0.813    |                       |                                  |
| NFA5                    | 0.843    |                       |                                  |
| Propensity to take risks |        | 0.863                 | 0.814                            |
| PTTR2                   | 0.793    |                       |                                  |
| PTTR3                   |          |                       |                                  |

Source: Primary data.

50% or higher, as this indicates the ability of the constructs to explain more than 50% of the variance of the indicator (Hair et al., 2011, 2019). Table 3 presents the findings of the indicator factor loadings, composite reliability and AVE.

Table 3 shows that all results aligned with the recommended values such that their validity and reliability were satisfactory.

The fourth step in the evaluation of the measurement model involved the assessment of the discriminant validity of the study constructs. This step specifically showed the extent to which one construct was distinct from other constructs in the structural model (Hair et al., 2019). In this evaluation, the shared variance of the constructs of the model should not be larger than their AVE (Fornell and Larcker, 1981a). In this step, the Fornell–Larcker criterion was employed for this purpose. Table 4 provides the results of this criterion in this study.

The Fornell–Larcker criterion, as shown in Table 4, refers to how empirically distinct one construct is from other constructs in the structural model. It also implies that the pooled variance of all model constructs should not be greater than their individual variance (Fornell and Larcker, 1981b).

The Structural Model

Collinearity Issue

Once the measurement model had been evaluated, the next step was to assess the structural model. However, before the structural relationships could be examined, the issue of collinearity had to be addressed to ensure that no bias existed in the regression results. The variance inflation factor (VIF) was employed here to examine collinearity. If the VIF was greater than 5, this would indicate a collinearity issue in the study constructs (Becker et al., 2015). Table 5 presents the findings concerning collinearity.

Table 5 shows that all values were less than 5, indicating no collinearity.

Explanatory Power

As Table 5 showed no collinearity in the study constructs, the evaluation of the coefficient of determination ($R^2$), which refers to the sum of the influence of exogenous latent variables on the endogenous latent variable, was used to demonstrate the explanatory power of the structural model.

As the result of the $R^2$ in Table 6 was greater than 0.25, the explanatory power of the model was considered to not be weak. In other words, the model could explain about 25% of the variance in entrepreneurial intention. In fact, there is no rule of thumb for $R^2$ as variations in its result might depend on the discipline and context.

Construct Cross-Validated Redundancy

Table 7 displays the cross-validated redundancy of the constructs. The model of the study had sufficient predictive power because the 1-SSE/SSO values were greater than zero.

Figure 2 depicts the results of the structural relationships and their path coefficients.

TABLE 4 | Fornell–Larcker criterion.

|                           | Entrepreneurial intention | Innovativeness | Internal locus of control | Need for achievement | Propensity to take risks |
|---------------------------|----------------------------|----------------|--------------------------|----------------------|------------------------|
| Entrepreneurial intention | 0.838                      | 0.454          | 0.416                    | 0.302                | 0.247                  |
| Innovativeness            |                            | 0.737          | 0.496                    | 0.504                | 0.197                  |
| Internal locus of control |                            |                | 0.524                    | 0.808                | 0.133                  |
| Need for achievement      |                            |                |                          | 0.828                | 0.094                  |
| Propensity to take risks  |                            |                |                          |                      | 0.829                  |

Source: Primary data.

TABLE 5 | Collinearity.

|                           | Entrepreneurial intention | Innovativeness | Internal locus of control | Need for achievement | Propensity to take risks |
|---------------------------|----------------------------|----------------|--------------------------|----------------------|------------------------|
| Entrepreneurial intention |                            |                |                          |                      |                        |
| Innovativeness            |                            |                |                          |                      |                        |
| Internal locus of control |                            |                |                          |                      |                        |
| Need for achievement      |                            |                |                          |                      |                        |
| Propensity to take risks  |                            |                |                          |                      |                        |

Source: Primary data.
TABLE 6 | Coefficient of determination (R²).

| R square | R square adjusted |
|----------|------------------|
|          |                  |
| Entrepreneurial intention | 0.277 | 0.259 |

Source: Primary data.

TABLE 7 | Construct cross-validated redundancy.

| Construct | SSO     | SSE     | Q² (= 1-SSE/SSO) |
|-----------|---------|---------|-----------------|
| Entreprenurial intention | 660.000 | 545.908 | 0.173           |
| Innovativeness | 495.000 | 495.000 |               |
| Internal locus of control | 330.000 | 330.000 |               |
| Need for achievement | 330.000 | 330.000 |               |
| Propensity to take risks | 330.000 | 330.000 |               |

Source: Primary data.

Hypothesis Testing
This section demonstrates the bootstrapping procedure, executed with 5,000 resamples, employed to test the hypotheses.

Table 8 shows the results of the path coefficients for the hypothesized relationships of the study. The data in the table reveal that the innovativeness characteristic had a significant positive relationship with the entrepreneurial intention of the students (potential entrepreneurs) (β = 0.298, p < 0.10). Likewise, internal locus of control also had a significant positive relationship with the entrepreneurial intention of the students (potential entrepreneurs) (β = 0.243, p < 0.10). Furthermore, the propensity to take risks had a positive relationship with the entrepreneurial intention of the students (potential entrepreneurs) as well (β = 0.075, p < 0.10). In contrast, the need for achievement had no relationship with the entrepreneurial intention of the students (potential entrepreneurs). Accordingly, H1, H2, and H4 were accepted, whereas H3 was rejected.

DISCUSSION
This study investigated the influence of selected personality traits—namely, innovativeness, internal locus of control, need for achievement and propensity to take risks. The study generated interesting results. Concerning innovativeness, a significant positive association was found with the entrepreneurial intention.
of the students (potential entrepreneurs). Indeed, this finding
is unsurprising given that more innovative individuals tend
to be more open-minded and to think and act innovatively
with respect to commercial activities and strategies (Koh, 1996;
Shahzad et al., 2021). These individuals are also more adept
at solving complex challenges and creating new products and
services (Wathanakom et al., 2020). This finding is in line with
Law and Breznik (2017), Nasip et al. (2017), Wathanakom et al.
(2020), and Shahzad et al. (2021).

The study further examined the influence of internal locus
of control on entrepreneurial intention and reported a significant
positive result. This is because individuals with high internal
locus of control can more easily control and manage their
lives and hence have a stronger entrepreneurial intention and
become entrepreneurs faster (Voda and Florea, 2019; Arkorful
and Hilton, 2021). The results concerning internal locus of
control and entrepreneurial intention are in line with Gurol
and Atsan (2006), Lefcourt (2014), Voda and Florea (2019),
and Arkorful and Hilton (2021). With regard to the claim
that there is a positive connection between propensity to take
risks and entrepreneurial intention, the current study also
reported a positive connection with entrepreneurial intention
among students (potential entrepreneurs). This is because those
individuals with a greater propensity to take risks have higher
capacity-building potential, which in turn cultivates a more
positive attitude and strengthens self-confidence, both ultimately
valuable in venture creation. This finding is in line with Uddin
and Bose (2012), Mat et al. (2020), Ndofirepi (2020), Mat et al.
(2020), and Shahzad et al. (2021).

Conversely, the need for achievement had no association with
entrepreneurial intention. This may be attributable to the young
age of the participants—i.e., they may have yet to fully understand
the importance of achievement and success in life. This finding is
in line with Koh (1996) and Widjaya et al. (2021).

IMPLICATIONS

As previously recommended in the existing literature, there is
a need to continue to investigate the importance of personal
traits with regard to entrepreneurial intention among young
adults. This study sought to ascertain the impact of specific
personal characteristics on the entrepreneurial intentions of
Saudi students (potential entrepreneurs). The study yielded
intriguing findings that may be of benefit to a variety
of stakeholders in Saudi Arabia. First and foremost, the
study expands the existing literature by contributing empirical
evidence on the relationship between personal traits and
entrepreneurial intention.

This research also paved the way for other researchers to
continue investigating the same issue by including other personal
traits in the analysis as well as moderating and mediating
variables in potential conceptual models. The study may also
draw the attention of the Saudi government and other official
entities to the need to continue to develop necessary training
programs and initiatives designed to enhance personal traits
among potential young entrepreneurs, particularly those related
to developing innovativeness, internal locus of control and
propensity to take risks. There is also a need to develop a
suitable entrepreneurial ecosystem with appropriate institutional
infrastructures that will support Saudi society and culture and
encourage entrepreneurial activities.

The Saudi government should also implement public policy
programs that encourage entrepreneurial activity by reducing the
challenges and barriers faced by potential young entrepreneurs.
Furthermore, educational institutions, such as universities and
schools, should incorporate the development of personal traits
into their curricula and seek to raise awareness about the
importance of cultivating such traits for their future endeavors.
These educational institutions could work to instill and sustain
these personal characteristics in young people, directing them
toward entrepreneurial activities and venture creation.

CONCLUSION

Personal traits have been identified as key factors influencing
entrepreneurial intention in numerous studies. Because of
their significance, the present study investigated the ways in
which selected personal characteristics—innovativeness, internal
locus of control, need for achievement and propensity to
take risks— influenced entrepreneurial intention among Saudi
students at an applied college. The findings of the study
supported all but one of the proposed hypotheses: the
hypothesized relationship between the need for achievement
and entrepreneurial intention. This study had some limitations,
including its small sample size and the restricted context,
making it difficult to generalize the findings. Furthermore, no
moderation or mediation constructs were considered in the
study. It is thus recommended that future studies broaden the
scope of research and increase the sample size. The moderating
effect of self-confidence on the relationship between other
personal characteristics and entrepreneurial intention could also
be investigated.

DATA AVAILABILITY STATEMENT

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

AUTHOR CONTRIBUTIONS

Both authors listed have made a substantial, direct, and
intellectual contribution to the work, and approved it
for publication.

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