Gender differences in perception of the university education quality as applied to entrepreneurial intention

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Abstract. The aim of this paper is to examine how university students perceive the selected attributes of university education quality in the context of their possible entrepreneurial activities and to explore the differences between genders in this regard. A total of 977 students from Czech and Slovak universities were surveyed. The Z-test for two population proportions was employed to test the hypotheses. The majority of university students positively perceived the quality of university education in general as well as the quality of education at their faculty. Approximately two thirds of the students in both countries agreed that the acquired knowledge may help them in their future entrepreneurial activities. Czech students perceived the quality of education more positively compared to their Slovak counterparts, despite the fact that they had lower entrepreneurial intention. This research shows there are differences in male and female students’ views. In both countries, female students perceived the quality of education more positively, whereas male students declared a statistically higher interest in

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entrepreneurial activity as compared to female students. The results of this paper could guide universities and policymakers in designing study programs in entrepreneurship responding better to gender needs so that to increase entrepreneurial participation.

**Keywords:** students, quality of education, entrepreneurial intention, gender.

**JEL Classification:** M13, D83

1. INTRODUCTION

Investment in the provision of quality education is an important factor for economic growth in any country. The European Union countries need innovative and creative entrepreneurs as well as flexible workforce with the necessary skills and key competencies. In its strategy, the European Commission (EC) calls on the Member States to provide practical entrepreneurial skills before completing compulsory school attendance, while stressing the importance of practical education and training (European Commission, 2012). In the context of the EC document, the explicit need for efforts to develop crosscutting skills such as entrepreneurship was explicitly emphasized. These skills include, inter alia, the ability to critically think, take initiative, actively solve problems and work together.

Implementation of these processes can be much more complicated in individual countries. Due to the heterogeneity of education systems, different levels of the transformation processes, the current economic situation, globalization as well as the political development of the countries, differences in innovativeness and in the flexibility level of learning processes in both national and international contexts can be observed (Mueller & Thomas, 2001).

Nowadays, the gender gap is another issue of the growing interest. It has been observed that in Europe, females are only half as likely to engage in entrepreneurial activities when compared with males (Herrington & Penny, 2017). According to (Minniti & Naudé, 2010) research, females do significantly less often start a firm than men. In order to ensure gender equality, scholars are trying to establish the factors influencing these differences in gender disposition towards engaging in entrepreneurship.

Hence, these empirical observations inform the motivation for conducting the proposed study. Firstly, the research is focused on the process of higher education in the context of preparation for future entrepreneurial activities, and then – on finding differences in gender perception among the university students. Since in the recent years migration of Slovak students to Czech Republic has been quite noticeable, differences in perception of the higher education quality among Czech and Slovak students are also investigated here.

2. LITERATURE REVIEW

Scholars have been focused on analyzing and evaluating the impact of various social and economic factors on entrepreneurship using undergraduate students as a research unit. Both qualitative and quantitative research settings were used. The majority of studies have drawn their research setting based on the theory of planned behavior, formulated by Ajzen (1991), which supposes that there are three antecedents that drive individual behavioral intentions: attitudes towards the behavior, subjective norms and perceived behavior control. Moreover, two other theoretical perspectives are considered of great importance in this regard: human capital theory proposed by Becker in 1975 (Becker, 1994), which suggests that an entrepreneurship education may lead to the promotion of a student’s attitudes and intentions, including business start-ups; and entrepreneurial self-efficacy (Chen, Greene, & Crick, 1998), which proposes a relation
among behavior, cognition, and environment, and it refers to a belief in the ability of a person to do several roles and tasks dealing with entrepreneurship.

The importance of education for decision-making on the entrepreneurship start-up as well as on the development of future entrepreneurial activities is presented by numerous scholars (Belas et al., 2017a; Belas et al., 2017b; Hamida, Trabelsi, & Boulila, 2017; Jansen, van de Zande, Brinkkemper, Stam, & Varma, 2015; Liñán & Fayolle, 2015; Mondragón-Vélez, 2009; Marinoiu et al., 2017). In this context, Sánchez (2011) states that education is an important stimulus for starting a business as it promotes a sense of independence and self-confidence, educates people to have good knowledge of alternative job opportunities, and education expands the individual's perceptions. The most important factor is that education provides the knowledge that individuals can use to develop new business opportunities (Popov et al., 2016; Skačkauskienė et al., 2017). This leads to the relation between entrepreneurship education and entrepreneurial intention. Entrepreneurship education is defined as any study program or process of education for entrepreneurial attitudes and skills, whereas entrepreneurial intention consists of somebody’s desire to run a business (Bae, Qian, Miao, & Fiet, 2014; Fayolle & Liñán, 2014).

Nowadays, to stay competitive, universities are trying to become more entrepreneurial, generate new sources of income, and act in accordance to government’s policy guidelines. Undoubtedly, their students are the most powerful resource they have to foster entrepreneurship (Lazányi, 2014). Entrepreneurship education provides a variety of training programs for bachelors, masters and postgraduates (Nieuwenhuizen, Groenewald, Davids, Janse van Rensburg, & Schachtebeck 2016). Their study programs offer an opportunity for the establishment of new firms. Through entrepreneurship education, university students gain skills concerning organizational issues, such as time management, leadership and interpersonal skills (Stamboulis & Barlas, 2014). The entrepreneurship intentions of students are influenced by demographic factors (Father’s occupation, Gender, Experience and Level of education) (Mohammad Ahmar Uddin, Shariq Mohammad, & Samir Hammami, 2016). Social values also have an impact on the entrepreneurship intentions (Kalitanyi & Visser, 2016). Harris and Gibson (2008) report that the role of the university is important for fostering students start-up activities. University atmosphere and learning progress impact career motivation, attitudes and perceived behavior control (García-Rodríguez, Gil-Soto, Ruiz-Rosa, & Gutiérrez-Taño, 2017), and being a student enrolled in university may enhance entrepreneurial knowledge (Hahn, Minola, Van Gils, & Huybrechts, 2017, Naushad, 2018). According to Fayolle and Gailly’s (2015), a study program on entrepreneurship has more positive effect when students’ previous entrepreneurial exposure has been weak or nonexistent. Farhangmehr, Gonçalves and Sarmento (2016) emphasize the importance of technical knowledge, personality traits for starting a business, which are reflected in the innovative capabilities and analytical characteristics of future entrepreneurs. Even though the entrepreneurship education offered at universities is increased, there is a continuing debate whether and under which circumstances the study programs contribute to students’ entrepreneurial learning (Bergmann, Hundt, & Sternberg, 2016; Hahn et al., 2017). Nevertheless, so far, there is no consolidated theory on how to inspire students to become entrepreneurs (Jansen et al., 2015; Bogdanović et al., 2018).

Many studies have confirmed that entrepreneurs with higher education have significantly better business prospects (Lafuente & Vaillant, 2013; Mondragón-Vélez, 2009) and this type of education is associated with higher sales volume, higher profitability and sustainability of the company to a great extent (Rauch & Rijsdijk, 2013). Urbano, Aparicio, Guerrero, Noguera and Torrent-Sellens (2017) tried to estimate the probability of becoming a student employer entrepreneur, and found that gender has a statistical significance in this regard. Additionally, Johansen’s (2013) results show a positive correlation between participation in the European entrepreneurship program, which promotes youth to establish a new enterprise, and start-up activity. Nevertheless, these analyses also show a gender gap: this program has less effect on female start-up activity as compared to male.
An interesting fact in many researchers focused on the tendency for entrepreneurship of university students is the structuring of their results by gender. This is due to changes in the current position of women in society and other factors. Females now have much greater opportunities to pursue their professional career than they did in the past. Also, for many females, entrepreneurship was the only way to be employed and working. According to Kirkwood, Dwyer and Gray (2014), differences in gender in entrepreneurial intentions, such as differences in male and female thinking about new enterprise start-ups, might be addressed by the education system (Díaz-García & Jiménez-Moreno, 2010; Johansen, 2013).

Prior research has found that males, compared to females, have higher entrepreneurial self-efficacy (Mueller & Dato-On, 2008; Wilson, Kickul, & Marlino, 2007), greater intentions to become an entrepreneur (Liñán & Fayolle, 2015), and stronger potential for success as an entrepreneur (Mueller & Thomas, 2001). Interesting findings are found by Wilson et al. (2007), who examined the degree of business autonomy in males and females. Business is still perceived as a “male” area, but their research has shown that females’ entrepreneurial higher education reduces significant gender gaps and encourages their entrepreneurial intentions. Thus, entrepreneurial education can be seen as a significant factor in increasing the chances of females to be successful in business (Lazányi, 2014b). In addition, Haus, Steinmetz, Isidor and Kabst (2013) conclude that females transform their intentions into action to a much lesser extent than do males. Also, females felt more intensive support of their surroundings for entrepreneurship than males (Kljucnikov, Belas, Kozubikova, & Pasekova, 2016). Concerning this, females tend to perceive different barriers to entrepreneurship (Shinnar, Giacomin, & Janssen, 2012), and they may be less expected to act on their entrepreneurial intentions (Shinnar, Hsu, Powell, & Zhou, 2018; Westhead & Solesvik, 2016).

The role of gender in forming attitudes of university students towards entrepreneurship is found as important (Entrialgo & Iglesias, 2016; Haus et al., 2013; Sánchez-Escobedo, Díaz-Casero, Hernández-Mogollón, & Postigo-Jiménez, 2011). Dawson and Henley’s (2015) results suggest strong associations between entrepreneurial intention, gender, and attitude to risk. Bergmann, Geissler, Hundt and Grave (2018) found university entrepreneurship measures to have a positive effect on students’ climate perceptions, which also depend on students’ background and gender, whereas as for the desire to start a business, the differences are not striking. What is interesting, however, is the difference between males and females regarding the firm commitment of students to start self-employment. Sánchez-Escobedo et al. (2011) found that 31% of males and 22% of females from their sample size declared a firm commitment. Similar results were also provided by Harris and Gibson (2008) research into US student business plans. According to them, entrepreneurial intentions were present in most students regardless of gender, but a higher tendency towards entrepreneurship was evident in the male population. Dabic et al., (2012) also found that female students were less willing to start their own business than male students. This finding is explained by the fact that females are less self-confident and more aware of stress of entrepreneurial activities than males. Similar results have also been obtained by Packham et al., (2010) and Goel et al., (2015).

Harris and Gibson (2008) justify accepting a higher rate of business risk in relation to the innovation rate found predominantly in males as well as family business experience. The solution to this situation is offered by Setiawan (2014), which calls for the use of various psychological activities alongside business education programs. The significance of these psychological programs is that students learn to manage stress and manage unfavourable situations associated with unexpected and challenging changes and challenges that are common in the business world. These programs are likely to encourage greater business interest in women by eliminating business-related stress. Kozubiková et al., (2015, 2016, 2017) found that state and public perception shows to be much more important in the perception of financial risk for females than males.

These studies are very inspirational because they point to the differences between countries as well as to find who causes these differences (such as gender, age, social etc.) and support subsequent research in
the field. Previous studies were also an inspiration for developing our research, examining the differences in the quality of study regarding the potential start-up activities of university students in the Czech and Slovak Republics.

3. AIM, METHODOLOGY AND DATA

The aim of the paper is to examine how university students evaluate selected attributes of the quality of university education in the Czech Republic and Slovakia in the context of their possible entrepreneurial activities and to find differences between male and female students.

The quality of higher education was measured using the following statements: I consider the higher education in my country as quality; I consider the education system at my faculty (university) to be a good one; The knowledge I get at my faculty (university) helps me in doing business; The lessons learned by students in my country will help them start a business. The entrepreneurial intention of university students was measured by a single statement: I have a strong interest in doing business. Students were asked to read them and to answer by selecting one of the five-point Likert scale: [1] Strongly agree;[2] Agree;[3] Neither Agree Nor Disagree;[4] Disagree;[5] Strongly disagree.

The discussion in the literature on this subject, mentioned in previews section, leads to five scientific hypotheses, which were formulated as below:

$H1$: More than 50% of students rate higher education in general as good. There are no statistically significant differences in the positive answers of students in the Czech Republic and Slovakia. There are no statistically significant differences in the positive responses of students according to their gender in the Czech Republic and Slovakia.

$H2$: More than 50% of students evaluate higher education at a faculty where they study as good. There are no statistically significant differences in the positive answers of students in the Czech Republic and Slovakia. There are no statistically significant differences in the positive responses of students according to their gender in the Czech Republic and Slovakia.

$H3$: More than 50% of students think that the knowledge they have gained at the faculty where they study helps them in business. There are no statistically significant differences in the positive answers of students in the Czech Republic and Slovakia. There are no statistically significant differences in the positive responses of students according to their gender in the Czech Republic and Slovakia.

$H4$: More than 50% of students think that the knowledge they have gained in a given country will help them start a business. There are no statistically significant differences in the positive answers of students in the Czech Republic and Slovakia. There are no statistically significant differences in the positive responses of students according to their gender in the Czech Republic and Slovakia.

$H5$: Less than 50% of students in the Czech Republic and Slovakia have a potential interest in doing business in the future. There are no statistically significant differences in the assessment of the tendency for entrepreneurship of university students in the Czech Republic and Slovakia. There are no statistically significant differences in the positive responses of students according to their gender in the Czech Republic and Slovakia.

Hypotheses were tested by performing Z test for two population proportions to 5% significance level (Social Science Statistics, n.d.).

In connection with the stated research objective, a questionnaire was designed and delivered among university students in the Czech Republic and Slovakia. Students have filled it in while they were in the class supervised by a lecturer. Older students (in the third year of study and older) were part of our sample because it was suppose that they think on their future career more than the younger ones. 409 students from 14 Czech universities and 568 students from 8 Slovakian universities were surveyed. The Czech students were from the following universities: Technical University of Liberec, Newton College in Brno, University of
Applied Business, University of Economics Prague, Masaryk University in Brno, Sting Academy in Brno, College of Entrepreneurship and Law in Prague, Palacký University Olomouc and the Mendel University Brno. Students from Slovakia were studying at the following universities: University of Economics in Bratislava, Alexandr Dubček University in Trenčín, University of Žilina, University of Prešov, Matej Bela University in Banská Bystrica, Technical University of Zvolen, Technical University of Košice, Pan-European University in Bratislava. All together were 977 students, where 38% of them were males and 62% females.

4. EMPIRICAL RESULTS AND DISCUSSION

Table 1 summarizes the responses of university students regarding the statement *I evaluate the higher education in my country as being of high quality*. In the Czech Republic, up to 68% (= [5+91+13+171]/409) of students evaluated university education in general as good, whereas in the Slovak Republic, only 52% of the quality of higher education was positively evaluated. Statistically significant differences were found in the positive answers between the Czech and Slovak students, \( \zeta = 5.284, p < 0.001 \). In addition, it was found statistically significant differences in positive responses of students by gender. In both countries, females rated more positively the quality of higher education than males. The highest degree of being “agree” with the two statements (*Strongly agree* and *Agree*) was shown by female students in the Czech Republic, of which up to 73% (= [13+171]/253) evaluated higher education as quality. Thus, first hypothesis (H1) was fully supported.

Table 1 Results of “I evaluate the higher education in my country as being of high quality”

|                      | Czech (n = 409) | Slovak (n = 568) | \( Z \) test for 2 population proportions | Value | p-value | Value | p-value | Value | p-value |
|----------------------|-----------------|------------------|------------------------------------------|-------|---------|-------|---------|-------|---------|
|                      | M   | F   | M   | F   | Czech & Slovak | Czech M-F | Slovak M-F |       |         |       |         |
| Strongly agree (SA)  | 5   | 13  | 12  | 14  |                |           |           | -2.365| 0.018   | -2.667| 0.008   |
| Agree (A)            | 91  | 171 | 84  | 183 |                |           |           |       |         |       |         |
| \((SA + A) / Total\) | 62% | 73% | 44% | 56% |              |           |           |       |         |       |         |
| \((SA + A) / n\)     | 68% | 52% | 5.284| 0.000|               |           |           |       |         |       |         |
| Neither Agree        | 23  | 24  | 40  | 34  |                |           |           |       |         |       |         |
| Nor Disagree         | 33  | 42  | 73  | 98  |                |           |           |       |         |       |         |
| Strongly disagree    | 4   | 3   | 7   | 23  |                |           |           |       |         |       |         |
| Total                | 156 | 253 | 216 | 352 |                |           |           |       |         |       |         |

Source: Authors’ results.

Similar to Table 1, Table 2 shows the results of university students’ answers regarding the statement *I evaluate the system of education at my faculty (university) as a quality one*. In the Czech Republic, up to 71% of students have positively evaluated university education at the faculty where they study, whereas this percentage in the Slovak Republic was 67%. No statistically significant differences were found in positive responses between the Czech and Slovak students, \( \zeta = 1.387, p = 0.165 \). However, statistically significant differences were found in the positive responses of students by gender in the Czech Republic, \( \zeta = -2.154, p = 0.032 \). Female students in the Czech Republic perceived the education system at their faculty as being of high quality. In contrast to the Czech case, it was not detected any statistically significant differences in Slovak
students positive responses by gender, $z = -1.307$, $p = 0.190$. Considering three test results, second hypothesis (H2) was partially supported.

|                      | Czech $(n = 409)$ | Slovak $(n = 568)$ |
|----------------------|-------------------|--------------------|
|                      | M | F | M | F | Z test for 2 population proportions |
| Strongly agree (SA)  | 17 | 24 | 28 | 28 | \( \text{Czech} \) | \( \text{Slovak} \) |
| Agree (A)            | 84 | 165 | 109 | 214 | \( \text{Czech M-F} \) | \( \text{Slovak M-F} \) |
| \( \text{(SA + A)} / \text{Total} \) | 65% | 75% | 63% | 69% | $-2.154$ | 0.032 |
| \( \text{(SA + A)} / n \) | 71% | 67% | \( \text{Czech} \) | \( \text{Slovak} \) |
| Neither Agree        | 25 | 25 | 25 | 28 |
| Nor Disagree         | 27 | 36 | 48 | 74 |
| Strongly disagree    | 3  | 3  | 6  | 8  |
| Total                | 156 | 253 | 216 | 352 | 

Source: Authors’ results.

Table 3 summarizes the results concerning statement *The knowledge I am obtaining at my faculty (university) would help me in my entrepreneurship*. Based on the results in both countries, more than 50% of students thought that the knowledge they had gained at the faculty where they were studying would help them in business. No statistically significant differences were found in the positive answers between the Czech and Slovak students, $z = 1.262, p = 0.208$. Also, there was not found any statistically significant differences in the students’ responses according to their gender neither in the Czech Republic nor in Slovakia. Based on these results, it might be concluded that third hypothesis (H3) has been partially confirmed.

|                      | Czech $(n = 409)$ | Slovak $(n = 568)$ |
|----------------------|-------------------|--------------------|
|                      | M | F | M | F | Z test for 2 population proportions |
| Strongly agree (SA)  | 17 | 22 | 23 | 37 | \( \text{Czech} \) | \( \text{Slovak} \) |
| Agree (A)            | 95 | 144 | 109 | 195 | \( \text{Czech M-F} \) | \( \text{Slovak M-F} \) |
| \( \text{(SA + A)} / \text{Total} \) | 72% | 66% | 61% | 66% | 1.302 | 0.194 |
| \( \text{(SA + A)} / n \) | 68% | 64% | \( \text{Czech} \) | \( \text{Slovak} \) |
| Neither Agree        | 20 | 46 | 37 | 53 |
| Nor Disagree         | 20 | 35 | 39 | 53 |
| Strongly disagree    | 4  | 6  | 8  | 14 |
| Total                | 156 | 253 | 216 | 352 | 

Source: Authors’ results.
The fourth hypothesis (H4) was partially confirmed. Table 4 shows the test results referring to the statement *The knowledge students are obtaining in my country would help them to start a business*. More than 50% of students in both countries said that the knowledge they gained in their country would help them to start a business. Concerning differences in gender, neither at Czech nor at Slovak students was found any statistical differences. The values of the test confirmed that there are no statistically significant differences in the positive answers of among them regarding gender.

|                      | Czech (n = 409) | Slovak (n = 568) | Z test for 2 population proportions |
|----------------------|-----------------|------------------|-------------------------------------|
|                      | M   | F   | M   | F   | Czech & Slovak | Czech M-F | Slovak M-F |
| Strongly agree (SA)  | 2   | 8   | 10  | 19  |                |           |            |
| Agree (A)            | 87  | 132 | 103 | 177 |                |           |            |
| (SA + A) / Total     | 57% | 55% | 52% | 56% | 0.339          | 0.728     | 0.782      | 0.435 |
| (SA + A) / n         | 56% | 54% | 49  | 56  | 0.493          | 0.624     |
| Neither Agree nor Disagree | 44  | 67  | 49  | 56  |                |           |            |
| Disagree             | 22  | 42  | 48  | 92  |                |           |            |
| Strongly disagree    | 1   | 4   | 6   | 8   |                |           |            |
| Total                | 156 | 253 | 216 | 352 |                |           |            |

*Source: Authors’ results.*

The answers and statistical test results for the entrepreneurial intention of university students are shown in Table 5. According to the results, 49% of the Czech students and 59% the Slovak students confirmed a strong interest in entrepreneurship. The values of the test ($\xi = 2.917$, $p = 0.004$, $\xi = 6.099$, $p<0.001$, $\xi = 2.280$, $p = 0.023$) confirmed that there are statistically significant differences for entrepreneurial intention between the Czech and the Slovak students. Slovak students have statistically significantly higher entrepreneurial intention than Czech students. Same results are found even when males were compared to females in both countries. Moreover, it was found that male students expressed interest in doing business significantly more in both countries compared to females. Consequently, the fifth hypothesis (H5) has been partially confirmed.

Referring to the results, 49% of Czech university students have a strong interest in doing business, so they have strong entrepreneurial intention. These results are comparable to other sources. For instance, according to BusinessInfo.cz (2014), up to 50% of undergraduate students are considering doing business in the future.

Concerning the gender gap debate, our results were consistent with previews scholars’ findings, which concluded that business is still perceived as a male issue in the footprint (Dawson & Henley, 2015; Johansen, 2013; Minniti & Naudé, 2010). Furthermore, gaps are shown at the least in entrepreneurship education and entrepreneurial intention relation, supporting that females are less oriented towards entrepreneurship compared to males (Cañizares & García, 2010; Goktan & Gupta, 2015; Joensuu-Salo, Varamäki, & Viljamaa, 2015; Maes, Leroy, & Sels, 2014; Maresch, Harms, Kailer, & Wimmer-Wurm, 2016; Perez-Quintana, Martori, & Madariaga, 2017; Shirokova, Tsukanova, & Morris, 2018). Similar results were found even in other European countries (i.e. see Dabic et al., 2012). Furthermore, regarding entrepreneurship
education, Walter, Parboteah and Walter (2013) were focused only at public universities in Germany, and found that males were more likely to score higher than females.

Table 5

|                          | Czech (n = 409) | Slovak (n = 568) | Z test for 2 population proportions | Value | p-value | Value | p-value | Value | p-value |
|--------------------------|----------------|-----------------|-------------------------------------|-------|---------|-------|---------|-------|---------|
|                          | M  | F  | M  | F  | Czech & Slovak | Czech M-F | Slovak M-F |
| Strongly agree (SA)      | 38 | 26 | 48 | 41 |                 |           |           |
| Agree (A)                | 69 | 69 | 92 | 153|                 |           |           |
| (SA + A) / Total         | 69%| 38%| 65%| 55%| 6.099          | 0.000     | 2.280     | 0.023 |
| (SA + A) / n             | 49%| 59%| 74 | 2917| 0.004          |           |           |
| Neither Agree            | 24 | 58 | 45 | 74 |                 |           |           |
| Nor Disagree             | 21 | 83 | 21 | 72 |                 |           |           |
| Disagree                 | 4  | 17 | 10 | 12 |                 |           |           |
| Strongly disagree        | 156| 253| 216| 352|                 |           |           |

Source: Authors’ results.

Although the decision to start a business is determined by other factors, university education plays an important role in this process. This is consistent with the findings of Zollo et al., (2017) and Shirokova et al., (2016), which show that the university environment has a significant impact on students in their business attitude and intentions (Bergmann et al., 2018, 2016; Hahn et al., 2017; Trivedi, 2016). In addition, Walter et al. (2013) point out that during the course of higher education, the four factors of the organization of study that play a key role in the future business of students are: entrepreneurial education, support programs for entrepreneurship, interconnection with industry, and research orientation. In this context, it is important to improve the quality of education, particularly through the development of entrepreneurial skills and competencies as the main factors of motivation for start-ups activities (Doğan, 2015; Farhangmehr et al., 2016; Shirokova, Osiyevskyy, Morris, & Bogatyreva, 2017). However, entrepreneurship education generally has a greater effect on business and social sciences students (Marques et al., 2018).

Audretsch (2014) points to the necessary transformation of the role of the university in relation to university education. Although universities are sufficiently entrepreneurial, today they are no longer sufficient because they need to respond to their roles in the business community and broaden their intention to improve their entrepreneurial capital and entrepreneurial behavior. Van Looy et al. (2011), conducted a research within 105 European universities, advocate the need for universities to enter the business environment through their scientific activities that enable them to succeed in their business. Filippetti and Savona (2017) emphasize that universities are directly linked to the manufacturing sphere and other organizations in order to cope with the lack of finance and get key knowledge (Jansen et al., 2015). Consequentially, universities should apply a strategy in order to bring together local partners in support of young entrepreneurs (Bezerra, Borges, & Andreassi, 2017). Nabi et al., (2017) highlight the need for further research on the impact of entrepreneurial education at universities, focusing on the use of innovative indicators with an emphasis on emotion and mind setting or the transition from intention to action.

All things considered, it is clear that high-quality education in entrepreneurship requires an ongoing support for entrepreneurial and innovation capabilities, which should be part of study disciplines. Although the effect of introducing innovative forms of teaching is more meaningful in the long run. Previous studies
suggest that to support entrepreneurship education it is essential to build various university business centers, that are supportive, specialized teaching facilities of public universities (or research and development centers), for the preparation of experts for business practice and employment in regions. On the other hand, in the context of policy implication, since government and industrial or financial support directly influence academic entrepreneurial intention (Feola et al., 2017), there is still room to improve and to foster entrepreneurship spirit in the universities. The quality of learning processes oriented at supporting entrepreneurial activities can also be improved by involving experts from other sectors in educational activities, introducing different innovative and alternative forms of education as well as teaching methods in the study fields, constantly developing key competencies, especially concerning language and information communication technology skills (Arokiasamy, 2017; Pudlo & Gavurova, 2012, 2013). These solutions must also be implemented in different regional and national education policies and ensure their link to the funding system and other important processes for their functioning (Feola et al., 2017).

5. CONCLUSION

The aim of the article was to examine how the Czech and Slovakia university students perceive selected attributes of the quality of higher education in the context of their possible entrepreneurial activities and to further explore the differences between different gender groups of students. Based on the results of this study, the majority of university students have shown that they perceive the quality of higher education in general and also the quality of study at their home faculty as a good one. About two-thirds of students in both countries expressed the view that university education might help them in their future business activities.

The results of our research includes an interesting finding. Higher education students in the Czech Republic perceived more positively the quality of higher education than Slovak university students, but, on the other hand, they have statistically significant lower propensity for entrepreneurship. In this study, differences in students’ views by gender were found. In both countries, females rated more positively the quality of higher education compared to men. At the same time, male students showed more interest in doing business compared to women in both countries.

This research has some limitations because it was implemented on a limited but representative sample of respondents. The results of our research represent a valuable platform for subsequent research as well as for developing concepts within the national and regional policies to foster entrepreneurship in both countries.

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