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Impact of social environment indicators on students' propensity to do business: Case study from central European countries

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Abstract. The aim of the article is to identify and quantify the impact of selected social environment indicators on students' propensity to do business. A survey-based questionnaire was conducted with students in the last year of their economic studies at 25 universities. The database contains 1,352 filled-out questionnaires showing Slovak, Czech and Polish students' attitudes. A linear regression analysis was used to evaluate the formulated hypotheses. This approach was implemented separately for each country (Czech Republic - CR, Slovakia – SR, and Poland – PL). The results showed several findings. The comparison of social environment

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indicators' impact on students' propensity to do business confirmed common attitudes (significant indicator – support of family environment; not significant indicator – media) of students based on their nationality. The businessperson in a student's family is the most important social environment indicator according to students' attitudes for each country. The fact that society generally appreciates business people has a positive impact on Czech and Slovak students' propensity to do business. Politicians and public perception of entrepreneurs as a social indicator has a negative impact on Czech students' propensity to do business. The results are important for national and non-profit organizations that help young people to start a business.

Keywords: propensity to do business, case study, impact, student, social environment, linear regression

JEL Classification: H70, L26, M13, M21

1. INTRODUCTION

Young people start working as employees in enterprises or government institutions (Hussain et al., 2021; Draskovic et al., 2020). Self-employment for them is not interesting, because their skills and financial situation is not easy. Minimum students of economic universities start the business immediately after finished studies (Ojewumi & Fagbenro, 2019).

One of the goals of economic universities is to prepare young people for professional life. Also, the national education sector of each country must help with their potential business activities (Clarke et al., 2017). This topic about the importance of entrepreneurship is interesting for academic people, which present their scientific articles in conferences and scientific articles (e.g. Zygmund, 2018; Dacin et al., 2010).

Entrepreneurs are significant for each state because they create innovations, new work positions and improve competitiveness in many business sectors (Lewandowska & Stopa, 2018; Luchko et al., 2019).

Many authors think that the entrepreneur's education (university education; business courses, knowledge, and workshops) has a positive effect on their entrepreneur's intentions (e.g. Sansone et al., 2021; Chaita & Sibanda, 2021; Zaring et al., 2021; Bae et al., 2014). Interaction between academic institutions and the business environment in SMEs is important for activating students to start new businesses (Gorączkowska, 2020; Cera et al., 2020; Jones et al., 2017). In this context, the role of the entrepreneur is one of the key factors for success in business (van Stel et al., 2020). The quality of the university education in economic faculties of V4 countries (number of economic faculties: CR - 21; SR - 24; PL - 60) is at a lower level than in western EU countries (Vašenda, 2019). Education in the field of the role of the entrepreneur in SMEs is not a priority at the faculties of economics in the V4 countries (Kuncová & Mulač, 2017).

This paper analyzes the influences of social environment indicators (the businessperson in a student's family; the society's approach to entrepreneurs; perception of politician's and the public's approach to the usefulness of entrepreneurs to society; the approach of media to the true information about activities of businessperson) of the students' propensity to do business. The originality of the case study is in the identification and quantification of the social environment indicators shaping the entrepreneurial propensity of university students to do business. Also, the comparison of the selected social indicators between three central European countries brings important findings.

The article's structure. The theoretical review shows the empirical results on the students' propensity to do business. The next section of the article formulates the aim of the case study, the materials and

methods, the data collection, the hypotheses, the statistical methods, and the basic structure of students. The next section contains the empirical results and discussion. The conclusion demonstrates the important results of case study, imitations, and future focus of the research.

2. LITERATURE BECKGROUND

Many authors think that the people with economic higher education (minimum master's degree) are a driving force of any economy because they have natural intellect, practical skills (acquired during the study), and academic knowledge (e.g. Zao et al., 2021; Dvorsky et al., 2019). Entrepreneurs with their optimistic temperament and activity, are helping their countries to develop. Factors that determining young people's entry into entrepreneurship include: social indicator (Marques et al., 2018), microeconomic environment (Khan et al., 2019), access to funds (Zajtkowski & Domanska, 2019; Sobekova Majkova & Kljucnikov, 2017), quality of higher education (Nabi et al., 2018; Suroso et al.; 2020), personality traits (Etzal & Nagy), quality of the business environment (Belas et al., 2020), and so on.

The role of education in the process of shaping the entrepreneurial tendency of university students is perceived by authors from different perspectives (Popescu et al., 2016; Jones et al., 2011). They report that entrepreneurship education and knowledge at universities can positively determine students' decision to become entrepreneurs. If universities create a positive environment and support entrepreneurial activities as part of their educational activities, students are more motivated to start a business.

In this context, according to OECD (2018), the education expenditure per student in the selected countries in 2015 was the following: 9 687 USD in Poland, 10 891 USD in the Czech Republic, and 15 874 USD in Slovakia. It covers expenditure on schools, universities and other public/private educational organizations. The expenditure contains supporting services for students and their families provided by educational organizations.

Gurol & Atsan (2006) said, that the social indicators and social environment of a country have a positive influence on the student propensity to start a new business. In this context, the significant social environment indicator (SEs) as family (Heck et al., 2006), politicians (Goktan & Gupta, 2015), media, and society (Baryniene et al., 2014).

Marques et al. (2018) state in their research results that education in business theory has the most significant impact on business and social sciences students. Family environment and demographic characteristics of students (such as gender) are variables with a positive impact on individual entrepreneurial orientation. Basic indicators of emotional support in entrepreneurship are family environment (children, wife/husband, children, and parents); friends, and community (Klyver et al., 2018). These factors, in their turn, can lead to creation of individual entrepreneurial values (Eyel et al., 2020). They have some specific differences connected with gender and other factors (Çera et al., 2018), however, in general social environment, particularly, family, can be a powerful driver for students' intention in employment and business sphere (Tvaronavičienė et al., 2021).

Family environment, self-concept, motivation, and risk-taking propensity have a significant and positive effect on university students' interest in entrepreneurship (Hahn et al., 2020). The family environment highly affects university students' interest in doing entrepreneurship. Self-concept allows recognizing the environment easier and faster and spot business opportunities better (Carrasco Sierra et al., 2020).

H1: Family has a positive impact on the students' propensity to do business in the entrepreneurial environment.

A key dilemma facing young entrepreneurs is how to finance their ventures (Gruenhagen, 2020; Belas et al., 2019). While entrepreneurs in developed economies can seek VC or angel investment, entrepreneurs in emerging economies often need to pursue potential government funding opportunities (Armanios et al.,

2017). Vega-Gómez et al. (2020) showed that the business size and the public support in the field of training and bureaucracy are the main elements that affect success. Rodríguez-Gulías et al. (2020) found the good effect of government on entrepreneurial intention and business creation.

In this context, Kallas & Parts (2020) found that regarding differences between entrepreneurs and non-entrepreneurs, entrepreneurs have a more positive perception of the business environment and the ease of doing business, including the simplicity of entrepreneurship-related legislation. On the other hand, entrepreneurs are more skeptical about the availability of financial resources, and they perceive public attitudes and the role of entrepreneurs in a society less positively.

Many studies showed that developing positive attitudes towards entrepreneurship is relevant factor in all stages of becoming an entrepreneur (e.g. Anor Salim et al., 2019; Yousaf et al., 2021; Kallas & Parts, 2020). Financing opportunities both from private and public institutions and keeping entrepreneurship legislation simple and transparent have the utmost importance in increasing the share of entrepreneurs and entrepreneurship-related benefits in society (Kallas & Parts, 2020). In this regard the personal perception of social justice in economic environment, particularly, distributive justice, can significantly influence the propensity to participate in any initiatives (Mishchuk et al., 2019). The perception of the business environment and its support by politicians is essential in the decision-making regarding starting entrepreneurial activities (Rogalska, 2018; Robertson et al., 2000). In this context, Belás et al. (2015) said that the important roles are played by the social environment and the political and legal environments that are created by the state authorities. Presumably, a positive perception of these companies by their environment could stimulate their financial performance and accelerate the positive influences of these companies on society.

Society (H2) and politicians (H3) have a positive impact on the students' propensity to do business in the entrepreneurial environment.

True media information about the status of SMEs in the business environment has a strong impact on the reputation of the company (Ramos-González et al., 2021) and its financial performance (Castaño et al., 2015). Social media play a key role (e.g. Facebook, Instagram, what-up, and so on) in the good reputation of SMEs (Franco & Haase, 2020).

Partanen & Goel (2017) found that reputation is an important source for demonstrating technological capabilities and firm sustainability to potential customers, especially for young firms. Moon et al. (2021) said in this context, that especially social media have a significant role in the reputation of firms.

H4: Media has a positive impact on the students' propensity to do business in the entrepreneurial environment.

3. AIM, METHODOLOGY AND DATA

The aim of the article is to identify and quantify the impact of selected social environment indicators on students' propensity to do business. One part of the article was a comparison of the Czech (CR), Slovak (SR), and Polish (PL) students' relationship between social environment indicators and the propensity to do business.

The respondent (hereinafter "student") is characterized as a student in the last year of their economic studies at a university. The data collection was realized in the years 2017 and 2018. The mathematical function (Randbetween) was applied to the random choice of economic universities (and their students) separately for each country of the case study (Dvorsky et al., 2018). The online questionnaires were addressed to students in their national languages. The exact formulation of questions in the questionnaire for Slovak and Czech students as follows:

<https://docs.google.com/forms/d/e/1FAIpQLSdEtePpSyjA1cYIVmDj2vYZ0LfOy8TbTMfQTWjEn2IYi83YoQ/viewform>

The data set of students' attitudes ($n = 1,352$; 568 answers from Slovak universities, 409 answer from Czech universities and 375 answers from Polish universities) was constructed to the end of the 2018 calendar year. The results of the sample size analysis confirmed that the range of each research sample is more than 271 respondents (the margin error - 5%; the confidence level - 90%; the number of students approx.: SR - 0.235 mil.; CR - 0.5 mil.; PL - 2.145 mil.; the response distribution - 50%). The research samples of students are adequate for each country. For the better evaluation of the representativeness of research samples were contacted students according to the geographical location (cities) of universities in selected countries (for more details see the demographic structure of students).

The questionnaire consisted of 43 questions divided into several parts. The first part of the questionnaire listed the basic characteristics of the student (gender, country, name of the university they attend). The second part of the questionnaire contained statements concerning the social environment, business support from the state, macroeconomic environment, quality of the business environment, access to financial resources, quality of university education, personal traits. The third part of the questionnaire contained allegations concerning business advantages and business disadvantages. The fourth part of the questionnaire examined the students' attitudes on their propensity to do business. The indicators were formulated into statements to which the students could react in one of the following ways: I agree completely (numerical value (NV) = 5), I agree (NV = 4), No attitude (NV = 3), I disagree (NV = 2), I disagree completely (NV = 1). The hypotheses (H1, ..., H4) were formulated as support on assessment of disparities between respondents according to the student's nationality (H1_SR, ..., H4_PL).

To meet the aim of the article, the following SEs were formulated:

Social environment indicators (SEs):

SE1: There is a businessperson in my family, and I highly respect him/her.

SE2: Society in general appreciates business people.

SE3: Politicians, as well as the public, consider business people beneficial for the society.

SE4: Media provide true information regarding the status and activities of business people.

Propensity to do business (PB):

PB: I am very interested in business.

Applying regression analysis in many empirical studies is a means of predicting a dependent variable in the future (for example: Marikina, 2018; Nava et al., 2018). The statistical method such as linear regression modeling can also be used to identify and quantify independent variables (social environment indicators) and to determine the direction and strength of the impact on students' propensity to do business. The fact is that all examined variables are identical metrics (same scaling of responses). A correlation matrix with pairwise correlation coefficients was used to determine the relationship between the dependent variable and the independent variables (James, 1964; Lancaster & Hamdan, 1964). The significance of coefficients (β_i) of independent variables were verified according to the Students' t-test. The Independent variable is statistically significant if the p-value of the t-test is less than the level of significance (Hair et al., 2010). The general form of the linear regression model (LRM) is as follows:

$$PB_i = \beta_0 + \beta_1 \times SE1 + \beta_2 \times SE2 + \beta_3 \times SE3 + \beta_4 \times SE4 + \varepsilon, \quad (1)$$

where: PB – dependent variable (propensity to do business); $i = 1, 2, 3$; 1 – SR, 2 – CR, 3 – PL; $SE1, \dots, SE4$ – independent variables (indicators of social environment); ε – random error.

The LRM is verified by regression characteristics such as the multiple correlation coefficient, determination coefficient, adjusted determination coefficient, and F-test (Breslow, 1990). The LRM is statistically significant if the p-value of the F-test (ANOVA – Analysis of variance) is lower than the level

of significance (de Waal, 1977). The assumption of multicollinearity is verified in the regression model by using the variation factor of inflation (VIF - test) (Li & Valliant, 2011). If the value of the VIF test for the independent variable is lower than 5, then this coefficient is not affected by multicollinearity (Arnold, 1990). The Shapiro-Wilk test (S-W test) was applied to verify the normal distribution of errors (de Waal, 1977). This assumption of the regression model is accepted when the p-value of the S-W test is higher than the level of significance. The Bartlett test was used to verify the assumption of homoscedasticity. This assumption is accepted if the p-value of the Bartlett test criterion is higher than the level of significance (Hair et al., 2010).

Basic evaluation of questions based on the characteristics of a student (nationality, gender, and city of study):

- nationality: 568 (42.0%) students from SR; 409 (30.3%) students from CR and 375 (27.7%) students from PL;
- gender (together): 517 (39.2%) males, 835 (61.8%) females; 216 (38.03%) males and 352 (61.97%) females from SR; 156 (38.14%) males and 253 (61.86%) females from CR; 145 (38.7%) males and 230 (61.3%) females from PL
- city of study: PL – Toruń, Gdańsk, Szczecin; SR – Bratislava, Trenčín, Žilina, Banská Bystrica and Košice; CR – Prague, Liberec, Brno, Ostrava and Zlín.

Global Entrepreneurship Monitor (Bosma et al., 2020) showed that men are more active than females in the Total early-stage Entrepreneurial Activity in central European countries. On other hand, specifically for central European countries is typical that more females study in business universities than men (e.g. Vašenda, 2019). The respondent in the case study is a student.

4. EMPIRICAL RESULTS

The basic descriptive statistics (DS) of the social environment indicators based on the students' nationality are shown in Table 1.

Table 1

Descriptive analysis of selected indicators of the social environment

DS	Slovakia				
	PB	SE1	SE2	SE3	SE4
Mean	3.504	3.838	3.211	2.588	2.537
Standard deviation	1.061	1.151	0.967	0.937	0.852
Skewness	-0.470*	-0.225*	-0.975*	-0.634*	-0.137*
Kurtosis	-0.516*	-0.816*	-0.199*	0.312*	0.495*
DS	Czech Republic				
	PB	SE1	SE2	SE3	SE4
Mean	3.293	3.890	3.117	2.597	2.318
Standard deviation	1.158	1.225	0.976	0.921	0.793
Skewness	-1.014*	-0.185*	-1.119*	-0.449*	0.132*
Kurtosis	-0.180*	-0.907*	-0.110*	0.394*	0.405*
DS	Poland				
	PB	SE1	SE2	SE3	SE4
Mean	3.688	3.507	3.085	3.299	2.371
Standard deviation	1.198	1.932	1.089	1.022	0.961
Skewness	-0.378*	-1.727*	-1.194*	-0.536*	-0.052*
Kurtosis	-0.788*	-0.526*	-0.095*	-0.292*	0.490*

Source: Authors' results. DS – Descriptive statistics; PB – Propensity to do business; SE1, ..., SE4 – independent variables; * Normal distribution - confirmed.

Correlation matrixes (see table 2; CM_SR, CM_CR, CM_PL) presents empirical results of the pairwise correlations (r) between the social environment indicators (each other, SE1, ..., SE4) and separately between the social environment indicators and the students' propensity to do business (PB).

Table 2

Dependences between variables

CM_SR	Slovakia				
	PB	SE1	SE2	SE3	SE4
PB	1				
SE1	0.256**	1			
SE2	0.151*	0.115*	1		
SE3	-0.009	-0.077*	0.244**	1	
SE4	0.026*	0.010	0.132*	0.223**	1
CM_CR	Czech Republic				
	PB	SE1	SE2	SE3	SE4
PB	1				
SE1	0.263**	1			
SE2	0.191**	0.208**	1		
SE3	-0.119*	-0.135**	0.184**	1	
SE4	0.042*	0.001	0.227**	0.270**	1
CM_PL	Poland				
	PB	SE1	SE2	SE3	SE4
PB	1				
SE1	0.129*	1			
SE2	0.055*	-0.033*	1		
SE3	0.039*	-0.042*	0.088*	1	
SE4	-0.022*	-0.003	0.072*	0.042*	1

Source: Authors' results. * $\alpha = 0.05$; ** $\alpha = 0.01$; SE1, ..., SE4 – independent variables.

The results from the correlation matrix confirmed weak correlations between the social environment indicators (CM_SR: $r \in <-0.077; 0.256>$; CM_CR: $r \in <-0.135; 0.263>$ and CM_PL: $r \in <-0.042; 0.129>$). All pairwise coefficients of correlation are statistically significant on $\alpha = 0.05$, without the dependence between SE1 (Family) and SE4 (Media) for each groups of students based on their nationality.

The following Tables 3, 4, and 5 present empirical results of verifying the statistical significance of the LRMs (Table 3 - LRM1 in SR; Table 4 - LRM2 in CR; Table 5 - LRM3 in PL).

Table 3

The impact of social environment indicators on Slovak students' propensity to do business

Linear Regression model – Slovakia (LRM1)					
Multiple correlation Coefficient	0.285	Adjusted coefficient of determination	0.075		
Coefficient of determination	0.081	Standard error	1.020		
ANOVA - LRM1					
Characteristics	DF	SS	MS	F-test	
Regression	4	51.735	12.934	12.421	
Residual	563	586.258	1.041	Sig. (P-value)	
Total	567	637.993		1.09E-09	
Regression function (LRM1)					
Independent variables	β	Standard Error	t-test	Sig. (p-val.)	VIF
Intercept	2.240	0.239	9.384	0.000	-
SE1	0.221	0.038	5.854	0.000	1.026
SE2	0.140	0.046	3.019	0.003	1.091
SE3	-0.028	0.048	-0.578	0.564	1.120
SE4	0.016	0.052	0.303	0.762	1.059

Source: Authors' results. DF - Degree of freedom; SS - Sum of Squares; MS - Mean Square; VIF – Variance inflation factor.

The empirical results from regression analysis (SR; see Table 3) show that the LRM of the relationships between the Slovak student's propensity to do business and the indicators of social environment is statistically significant (LRM1: F-test: p-value = 1.09E-09). The social environment indicators (SE1 and SE2) do have a statistically significant impact on the dependent variable (SE1: p-value = 0.000; SE2: p-value = 0.003). The shape of LRM in SR is:

$$PB_1 = 2.240 + 0.221 \times SE1 + 0.140 \times SE2 - 0.028 \times SE3 + 0.016 \times SE4 + \varepsilon_t, \quad (2)$$

where: PB – dependent variable (perception to do business); $SE1, \dots, SE4$ – independent variables (indicators of social environment); ε_t – random error.

The negative effect of the multicollinearity is not present in LRM1 (see table 3; VIF values are less than 5). Homoscedasticity and normal distribution of errors was accepted for LRM1 (Bartlett's test: p-value = 0.209; S-W test: p-value = 0.342). The assessment of scientific hypotheses: H1_SR and H2_SR were accepted; H3_SR and H4_SR were rejected (not significant SEs).

Table 4

The impact of social environment indicators on Czech students' propensity to do business

Linear Regression model – Czech Republic (LRM2)					
Multiple correlation Coefficient	0.322	Adjusted coefficient of determination	0.095		
Coefficient of determination	0.104	Standard error	1.101		
ANOVA - LRM2					
Characteristics	DF	SS	MS	F-test	
Regression	4	56.735	14.184	11.693	
Residual	404	490.057	1.213	Sig. (P-value)	
Total	408	546.792		5.39E-09	
Regression function (LRM2)					
Independent variables	β	Standard Error	t-test	Sig. (p-val.)	VIF
Intercept	2.205	0.292	7.549	0.000	-
SE1	0.200	0.046	4.329	0.000	1.080
SE2	0.192	0.060	3.217	0.001	1.136
SE3	-0.164	0.063	-2.606	0.009	1.131
SE4	0.059	0.073	0.817	0.414	1.118

Source: Authors' results. DF - Degree of freedom; SS - Sum of Squares; MS - Mean Square; VIF – Variance inflation factor.

The empirical results from regression analysis (CR; see Table 4) show that the LRM of the relationships between the Czech student's propensity to do business and the indicators of social environment is statistically significant (LRM1: F-test: p-value = 5.39E-09). The social environment indicators (SE1, SE2 and SE3) do have a statistically significant impact on the dependent variable (positive impact: SE1: p-value = 0.000; SE2: p-value = 0.001; negative impact: SE3: p-value = 0.009). The shape of LRM in CR is:

$$PB_2 = 2.205 + 0.200 \times SE1 + 0.192 \times SE2 - 0.164 \times SE3 + 0.059 \times SE4 + \varepsilon_t, \quad (3)$$

where: PB – dependent variable (perception to do business); $SE1, \dots, SE4$ – independent variables (indicators of social environment); ε_t – random error.

The negative effect of the multicollinearity is not present in LRM2 (see table 4; VIF values are less than 5). Homoscedasticity and normal distribution of errors was accepted for LRM2 (Bartlett's test: p-value = 0.178; S-W test: p-value = 0.101). The assessment of scientific hypotheses: H1_CR, H2_CR were accepted; and H3_CR (negative impact) and H4_CR (not significant SE) were rejected.

Table 5

The impact of social environment indicators on Polish students' propensity to do business

Linear Regression model – Poland (LRM3)					
Multiple correlation Coefficient	0.150	Adjusted coefficient of determination	0.092		
Coefficient of determination	0.022	Standard error	1.191		
ANOVA - LRM3					
Characteristics	DF	SS	MS	F-test	
Regression	4	12.035	3.409	2.123	
Residual	370	524.461	1.417	Sig. (P-value)	
Total	374	536.496		0.0474	
Regression function (LRM3)					
Independent variables	β	Standard Error	t-test	Sig. (p-val.)	VIF
Intercept	3.128	0.318	9.821	0.000	-
SE1	0.082	0.032	2.567	0.041	1.003
SE2	0.064	0.057	1.124	0.162	1.013
SE3	0.048	0.061	0.789	0.430	1.011
SE4	-0.035	0.064	-0.539	0.590	1.007

Source: Authors' results. DF - Degree of freedom; SS - Sum of Squares; MS - Mean Square; VIF – Variance inflation factor.

The empirical results from regression analysis (PL; see Table 5) show that the LRM of the relationships between the Polish student's propensity to do business and the indicators of social environment is statistically significant (LRM1: F-test: p-value = 0.0474). The social environment indicator (SE1) do has a statistically significant impact on the dependent variable (SE1: p-value = 0.041). The shape of LRM in PL is:

$$PB_3 = 3.128 + 0.082 \times SE1 + 0.064 \times SE2 + 0.048 \times SE3 - 0.035 \times SE4 + \varepsilon_t, \quad (4)$$

where: PB – dependent variable (perception to do business); $SE1, \dots, SE4$ – independent variables (indicators of social environment); ε_t – random error.

The negative effect of the multicollinearity is not present in LRM3 (see table 6; VIF values are less than 5). Homoscedasticity and normal distribution of errors was accepted for LRM3 (Bartlett's test: p-value = 0.137; S-W test: p-value = 0.086). The assessment of scientific hypotheses: H1_PL was accepted; H2_PL, H3_PL and H4_PL were rejected.

5. DISCUSSION

The Slovak students' propensity to do business is influenced by the family environment (SE1: p-value = 0.000) and the fact that the society in general appreciates business people (SE2: p-value = 0.003). Otherwise, the impact of the media (SE4: p-value = 0.564) and politicians (SE3: p-value = 0.762) is not significant for Slovak students' propensity to do business. The most important indicator of the social environment, having the greatest positive impact on the Slovak students' propensity to do business, is the family environment ($\beta = 0.221$). The positive impact of the appreciation of business people by society ($\beta = 0.140$) is also significant.

The Czech students' propensity to do business is influenced by the family environment (SE1: p-value = 0.000), the fact that society generally appreciates business people (SE2: p-value = 0.001), and politicians (SE3: p-value = 0.009). The impact of media was not confirmed (SE4: p-value = 0.414). The most important indicator of the social environment, having the greatest positive impact on the Czech students' propensity

to do business, is the family environment ($\beta = 0.200$). The positive impact of the appreciation of business people by society ($\beta = 0.192$) is also significant. The negative impact of the politicians on the Czech students' propensity to do business is also a significant indicator of the social environment ($\beta = -0.164$).

The Polish students' propensity to do business is influenced by the family environment (SE1: p-value = 0.041). Otherwise, the impact of the politicians (SE3: p-value = 0.430), of the media (SE4: p-value = 0.590), and the fact that society generally appreciates business people (SE2: p-value = 0.162) is not significant for the Polish students' propensity to do business. The most important indicator of the social environment, having a positive impact on the Polish students' propensity to do business, is the family environment ($\beta = 0.082$).

The results of the case study are identical to the empirical results of Castano et al. (2015). Castano et al. (2015) said that social factors (such as family environment) have an important effect on students (study on economic Universities) in their future business activities (Lanero et al., 2016). Huggins et al. (2017) think that a significant factor is the motivation of students. In this context, the authors said, the state support and young entrepreneurs associations (or non-profit organizations) have a key role.

In this context, the universities can the various events and workshops design in order to share the best practices and help students acquire and develop necessary entrepreneurial skills during the semester in the academic year. The authors suggest the following events:

- Ask me anything. Local entrepreneurs, business community leaders, field professionals and other invited guests will share their experience, give tips and answer the questions of future entrepreneurs.
- F*ckUp nights. Events designed to show students that failure is nothing but a part of learning process. Here invited guests and course mentors will speak about their business failures, obstacles they had to face and overcome on their entrepreneurial journey.
- Digital workshop. Holding the digital workshop for the students in various area and familiarizing them with the digital learning platform and other supportive tools that were designed to improve the skills and make the business succeed (e.g. Google Digital Garage, Coursera etc.).
- Movie nights. Watching inspiring films being surrounded by the like-minded peers.
- Future is ours. A one-day marathon aimed at creating the sustainable solutions to the issues the world community is currently facing.

6. CONCLUSION

The aim of the article was to identify and quantify the impact of selected social environment indicators on students' propensity to do business.

The results showed that social environment indicators have an impact on the students' propensity to do business in each country of the case study. The family environment is the most important social environment indicator according to students' attitudes. The family environment positively determines the students' propensity to do business. Media is not a significant social environment indicator, as it does not determine the students' propensity to do business, according to the students.

The authors' efforts to obtain the largest possible sample of students in the last year of their economic studies ($n = 1,352$) from three central European countries can be considered limiting. On the other hand, the methodological part of the article describes students' information in detail. Another limit is the local nature of the research (only three countries from central Europe) and the statistical method such as linear regression modelling. Data collection was conducted before the pandemic COVID-19. It is also a limit of the case study. On other hand, the entrepreneurial intention to start a new business can be understood as opportunities to create a new company.

The author's ambition is an effort to compare other factors (national support from the state, the business environment and her quality, financial management, university education, personal traits, business advantages and disadvantages) on students' propensity to do business according to the country of study. Therefore, there is an ongoing cooperation with economic universities in Hungary in order to obtain a relevant sample of students. At the same time, in the CR, SR and PL, the authors will again contact students in the last year of their economic studies with a request to complete a questionnaire for a re-verification of models and examination of the differences arising from the current COVID-19 pandemic.

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