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FINANCIAL CAPABILITY AMONG MOSCOW AND BERLIN STUDENTS

Abstract. This present research is an analysis of financial capability and its aspects among students in Moscow and Berlin. The topic is relevant due to the existing idea that students do not know how to manage their finances. Hence, one of the tasks of this work is a calculation of the level of financial capability in Moscow and Berlin which helps to understand whether students, in comparison with the rest of the population, do not know how to successfully manage finances. Alongside with a calculation of the level of financial capability, the study identifies the factors that affect the levels of financial capability. Finding the factors facilitates the understanding of the causes of the low financial capability of students and suggest ways of solving a problem of unsatisfactory management of financial resources. The study examined the association gender, financial status, age, faculty, the frequency of discussion of financial issues in the family, and financial capability. Understanding how well students manage finance can contribute to a better understanding of their credit behavior. Taking loans is an important part of the life of students, as it allows to establish relative financial independence, as well as to solve the problem of lack of funds for important expenses. Thus, the task is to identify the association between the level of financial capability and credit behavior of students. The tasks were solved using the online survey method on a sample that included 283 students from key universities in Moscow and Berlin. The results of the analysis show that the perception of students as people who do not manage their finances properly has its grounds, as the level of financial capability among students is significantly lower than the one of the adult population. It was found that the chosen factors mostly explain the components of "Budgeting", "Living within means", "Using information" and "Saving" and that the level of financial capability is not related either to the willingness to take a loan per se, nor with a loan for separate purposes.

Key words: financial capability, financial behavior, credit behavior, financial socialization, determinants of financial capability, determinants of credit behavior.

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Introduction

to financial independence: they begin to manage their money university [Jorgensen, Foster, Jensen, 2016, p. 70]. themselves, decide to spend them or save. Presumably, most of clothing, etc. [Fetzova, 2016, p. 2346]. The rational distribution of capability in all countries? costs is a part of an effective budget design. While some students account the [Jorgensen, Foster, Jensen, 2016, p. 70].

and achieving individual financial well-being", i.e. financial After enrollment in a university, emerging adults face a capability [Kuzina, 2015, p. 64], is a part of financial socialization. variety of expenses: tuition fees, housing, accommodation and Financial capability, financial behavior and financial habits of others. Students shift from complete dependence on parents young people continue to be formed even after entering the

Studies show that students have low levels of financial them do not have financial management practice. The budget literacy [Xiao, 2015, p. 389-390], low levels of capability is based on three elements: accounting which allows tracing in planning expenses and high propensity to impulsive incomes and expenses, control which prevents unexpected consumption [Kempson, Perrioti, Scott, 2013, p. 103]. Many expenses and planning which allows to correctly distribute students also have large credit debts [Williams, p. 637-653]. the assets and expected revenues for food, transport, housing, However, do students have similar indicators of financial

As societies differ in their cultures and values, which their try to manage the budget and use financial resources rationally, folks share [Hofstede, p. 6], one can make an assumption others carelessly spend them, without taking consequences into about the differences in the level of financial capability in different cities and countries. The financial management is Effective budget managing, rational use of limited also influenced by social and political values, nationality. resources, well-being of students — all the parameters depend For example, among Americans, Canadians, and Australians, on the ability to put the received financial knowledge and skills belonging to a nationality has a greater explanation of into practice. Formation of "skills, knowledge, settings and financial capability than general/similar experiences, norms, behavior that are necessary for making right financial decisions expectations, a similar economic and historical background

Financial Capability among Moscow and Berlin Students

Propensity to impulsive consumption can also be explained inclusion/exclusion and financial capability [Kuzina, 2015, by geographical differences. The individualistic cultures of the p. 132]. All of these concepts offer its approach to understand Western countries accounts for more impulsive purchases than how people use their finances. the collectivist culture of eastern countries [Jorgensen, Foster, Jensen, 2016, p. 73].

study of two different countries/city. In this study, Moscow and awareness, but also on the application of this knowledge in Berlin were chosen to compare the levels of financial capability. practice. Therefore, here it is not so much about using financial There are several reasons for the choice. Both cities differ in instruments, as about the basic skills of personal financial geographic location, have different cultural and political values, planning [Kuzina, 2015, p. 136]. The basis of this approach is which can influence the level of financial capability of students. the idea that the availability of knowledge in an individual does Moscow and Berlin are both big cities and at the same time are not yet indicate that he/she is able to use them. And there are the capitals of. Moreover, Germany and Russia are the countries different approaches to its measurement of financial capability. with a completely different financial climate and different can influence the difference in the level of financial capability? Raijas, 2006, p. 17]. What impact does financial capability have on financial behavior and on credit behavior in particular?

Literature review

mechanisms, the responsibility for income planning and risk ability to make ends meet and manage finances. However, the management throughout life is constantly increasing. At the imperfection of BHPS lies in the absence of questions related same time, the number and complexity of available financial to the knowledge in finance sphere or skills in managing the products increases with overall economic development, budget of respondents. Nevertheless, this study has a wide [Kempson, Perrioti, Scott, 2013] Therefore, the use of limited range of factual issues related to the presence/absence of financial resources by individuals and making of certain debts, the set of goods and services that the respondent used. economic decisions is interesting not only to researchers but. To measure financial capability, the author selects all relevant also to politicians and experts.

and use of this knowledge in practice, the notion of "financial" of the respondent or household [Taylor, 2010, p. 305]. literacy" was formed. In a narrow sense, financial literacy denotes

[Bailey et al., 1994] [Jorgensen, Foster, Jensen, 2016, p. 72]. education, financial awareness, financial confidence, financial

After reviewing various concepts, it was decided to focus on the concept of financial capability, where the focus is not only The differences in cultures and countries motivated the on financial knowledge, such as financial education or financial

Financial capability is measured in empirical studies from levels of financial capability and literacy. For example, in Russia, an objective and subjective point of view [Leskinen J., Raijas A. 35-38% of the adult population are financially literate, and 2006, p. 17]. With an objective approach, financial capability is in Germany the number is 65-68%¹. Also, the difference in determined based on the use of financial assets, the existence political, economic systems, the different level of quality of life, of debt, savings and household investment. Subjective financial as well as the different distribution of the number of believers capability is a person's own perception of how well he/she are worth noting. These features form the ground to work with controls a household. But sometimes it is difficult for a person two completely different societies, and, therefore, conduct a to assess their level of financial capability. There is a connection multifaceted comparative analysis. The authors of this work between objective and subjective financial capability: a seek to find possible differences in the levels of financial household can be highly capable of making right financial capability among students in Moscow and Berlin. What factors decisions, but it cannot justify them competently. [Leskinen,

In the work on the measurement of financial capability in Britain, the BHPS (the British Household Panel Survey) data for the period 1991-2006 were used [Taylor, 2010, p. 297]. In the Against the erosion of traditional family support measurement of financial capability, the author focuses on the variables from the BHPS, the resultant factor of which is the As a result, to measure people's knowledge of finance assessment of individual financial skills and factual knowledge

Another British study on financial capability examines the a person's knowledge of financial institutions [Kuzina, 2015, financial behavior of the population in the face of economic p. 132]. Measured in this way financial literacy is mainly focused difficulties. The main research question – why is economically on the understanding of economic and financial indicators (eg, unfavorable conditions experienced by some people without a complex/simple interest rates) and knowledge of financial lot of financial losses when others - it is an ordeal. To do this, instruments (eq., mutual funds and stocks). [Hoelzl, 2011, they turn to the concept of financial capability and the way a p. 543 However, this shows to a small extent how people use person manages money, which can lead to successful financial knowledge about financial indicators and tools in the process of behavior [Stumma, Fenton, Furnham, 2013, p. 345]. In this making economic decisions. Therefore, the researchers tried to study, financial capability is defined as a body of knowledge find other concepts that allow measuring the ability of a person on financial issues, the ability to manage their funds and to dispose of his financial resources. Among them: financial control their finances. The researchers assumed that financial capability is based on 4 main elements: "making ends meet"; Financial Literacy Around the World: Insights from the S&P Global FinLit "keeping track"; "planning ahead"; and "staying informed".

stratification (money as a source of power), emotional (money the future, and achievement orientation. as a mediator of love, generosity), atomizing (money as a path to independence) [Stumma, Fenton, Furnham, 2013, p. 345].

The study, conducted within the framework of the Russia Knowledge". Financial Literacy and Education Trust Fund project, used a methodology developed in British studies [Atkinson, McKay, Kempson, 2006], and then adapted for middle- and low-income finances through financial training, participation and practice in level. And the developed methodology allowed to divide the financial decision-making (explicitly) and through observation concept of financial capability into ten components: [Kuzina, (implicitly) [Jorgensen, Savla, 2010, p. 467]. Discussion about 2015, p. 142].

- plans.
- commensurate with income
- Monitoring expenses knowledge of how much money was spent and how much is left.
- information and advice from others
- essential goods.
- money for an emergency.
- tomorrow there is such a need.
- Attitude towards the future planning not only current, but also future expenses.
- decisions based on calculation, not emotion.
- The study concludes that the applied methodology makes Ergün, 2017, p. 10). it possible to better understand the level of financial capability population.

measuring the level of financial capability determines the with age [Taylor, 2010, p. 306]. existence of several approaches to its measurement. Some researchers try to link subjective and objective indicators of households cope with economic difficulties.

The object of the study are students who allegedly have living [Vyvyan, Blue, Brimble, 2014, p. 16]. a lower level of financial capability, which can be expressed in the absence of expenditure planning, the presence of usually tend to have life goals and a plane for the future. Goals unnecessary expenditure and debts. To measure the level can be an incentive for moving forward, and achievement of of financial capability of students in Moscow and Berlin, the these goals contributes to confidence in financial decisionapproach proposed by Kempson [Atkinson, McKay, Kempson, making [Vyvyan, Blue, Brimble, 2014, p. 16]. 2006; Kempson et al., 2013], which considers such parameters

When considering the relationship to money, there are four of financial capability as the possibility to make ends and ends, possible types of relationships: savings (money as a "airbag"), planning of expenses, budget management, attitude towards

> Factors determining the level of financial capability can be divided into two primary groups: "Background" and "Skills and

Background

Family financial socialization. Children acquire knowledge about key financial matters in the family, adoption of parental financial 1. Budgeting – the propensity to plan costs and fulfill their behaviour models, and monitoring of income and expenditure contributes to development of financial management skills and Living within means – the ability to spend money financial capability in general (Jorgensen, Savla, 2010, p. 468; Vyvyan, Blue, Brimble, 2014, p. 8-9).

Income. Many researchers have found a positive association between family income and financial literacy [Lusardi, Mitchell, Using information – the propensity to search for Curto, 2010, p. 368] and financial capability [Kempson, Perrioti, Scott, 2013, p. 89). In high-income families parents and *Not overspending* – the absence of unnecessary purchases, other family members have more opportunities to interact which may affect the ability to purchase food and with children about different financial matters such as lifeassurance, purchase of durable goods, investment, study loans, Saving – the ability to save money, the availability of etc. [Jorgensen, Savla, 2010, p. 475]. However, other researches illustrate that children from low-income families have higher Covering unexpected expenses – a concern about the level of financial capability since they feel more responsible for probability of not covering unforeseen expenses, if their money management and try to make financial decisions more carefully [Ergün, 2017, p. 15].

Gender. Gender may influence an individual's level of financial capabilities. Women are prone to answer financial Not being impulsive – the ability to make informed literacy questions incorrectly [Lusardi, Mitchell, Curto, 2010, p. 367]. They also have lower level of financial capability than 10. Achievement orientation – the desire to improve their situation. men [Taylor, 2010, p. 306; Vyvyan, Blue, Brimble, 2014, p. 9;

Age. Young people (18-24 years old), who are prone to be of Russians, in which socio-demographic groups or on which impulsive and have superfluous expenditure, have the lowest competencies today there are problems. This knowledge can level of financial capability [Kempson, Perrioti, Scott, 2013, help to better target financial education programs for the p. 89; Xiao, 2015, p. 394]. People develop money management skills and become more financial literate as they get older. Thus, So, in conclusion, it can be noted that the complexity of the level of financial literacy and financial capability gets higher

Skills and Knowledge

Cash flow management. Unrealistic ideas of disposable financial management to measure financial capability. Others income and purchasing power of that income leads to financial are trying to understand what parameters can explain how difficulties. People who have higher level of financial capability are aware of their income and expenditure and the cost of

Planning and goal setting. Financially capable people are

Information search. The ability to search and find information

to have lower level of financial capability [Kempson, Perrioti, consumer lending is growing on the variety of needs³. Scott, 2013, p. 891.

2013, p. 89].

financial capability. The discussion of financial issues in the can be noticed in absolute figures [Belekhova, 2014, p. 7]. family, income, gender, faculty and age were chosen for further research.

possible association between the levels of financial capability in it. Keynes [Keynes, 1936] states that innate motivation can and the credit behavior it seems important to trace the idea of make people spend more than they earn. These motivations are such possibility in the literature. Fernandes et al. [Fernandes, enjoyment, extravagance, short-sightedness, miscalculation, 2012, p. 21-22] having analyzed over 150 works on the ostentation, and generosity. As we can see, some of them may be associations between financial literacy and financial behavior correlated with components of financial capability. For instance, found out that changes in levels of financial literacy accounts short-sightedness can be a result of low "attitude toward the only for 0,1% of the changes in financial behavior. Alongside future" component and miscalculation of "monitoring expenses" with that the research of French [French, 2016, p. 7-8] maintain or "not being impulsive" components. the existence of the association between financial capability¹ and the financial behavior, which makes it interesting to test the credit or duration of payments influence credit behavior. it on our data. Thus, the we face the indefinite association [Belekhova, 2016, p. 136, French, 2016, p. 7; Lewis, 1995, p. 163; between the two parameters, which makes us test the presence Overton, 1998, p. 613]. Thus, we can suppose that there is a link of the possible link.

the increase of credit consumption worldwide (in Russia and and the experience of taking a loan [Chang, 1992, p. 211]. Also Germany in particular [Bergantino, Capozza, 2018, p. 1323; people tend not to examine all the conditions of a loan [Day, Sysoeva, 2017]), despite the resent crises, which resulted in 1972, p. 56], which can be the result of low financial capability. the decline of loan takings [Ivashina, 2010, p. 321; Sysoeva, consumption [Neuner, 2005, p. 510]. Moreover, student credit and different economies. behavior is of particular interest. Firstly, students increasing their independency from parents [Arnett, 2004, p. 115] can take the majority of the expenses on themselves. Some of the expenses they cannot handle, that is why a credit becomes a solution. Thus, from Berlin, 170 from Moscow). Quota sampling was used with a credit is an important tool for students. Secondly, young people quotes on gender and university, as both of them give diversified make more mistakes in their money management [Agarwal, results. Moreover, the fact that gender is supposed to be 2009, p. 52], which makes them an important group to study associated with financial capability [Taylor, 2010, p. 306; Vyvyan, both financial capability and credit behavior.

To conduct a proper research and explain the outcomes of the inquiry it is important to understand the state of credit 2 German economy is characterized as strong and stable [Mertens, 17.09.2018) 2017, p. 478], which credit market could "survive" the financial the fact that household debt is relatively big in Germany (more update on 17.09.2018)

It is important to highlight the difference between financial literacy (amount of knowledge) and financial capability (set of skills and ability to 5 use them)

is the necessary skill for financial capability. Students who do than 50% to the GDP in the last years²) it decreases over the not seek information about financial matters are more prone last decade for approximately 10%. Other evidences show that

In Russia the state of the economy is different and Faculty. Students who study finances, financial management characterized by instability and low quality of credit portfolio in university tend to be more financial capable than students [Popova, 2017, p. 390]. The volume of the household debt is 3 who do not attend finance courses [Kempson, Perrioti, Scott, times smaller than in Germany (less than 18% to GDP for the past decade), but the debt is steadily growing from 2011 up to Therefore, there are 2 main groups of factors that influence the present time⁴. With that slight increase of consumer credit

With the state of economy and credit market it is important to understand what factors can account for the change of the As one of the aims of the present research is to find the credit behavior to understand the role of the financial capability

Such characteristics such as the interest rate, the size of between "using information" (such as mentioned above) and The problem is also seems important to investigate due to credit behavior. Among other factors there is education, income

Thus, we are dealing with the parameter of credit behavior, 2017, p. 238]. Some researchers see the reason of that in the which is influenced by the several number of factors and the acceptance of the practice in society [Strebkov, 2004, p. 111], role of financial capability here is uncertain. The research is some believe that this is because of the growth of the impulsive taking place in two countries with different credit environment

Method

Sample

Respondents were 283 bachelor university students (123) Blue, Brimble, 2014, p. 9; Ergün, 2017, p. 10], is also a reason for

Germany Households Debt To GDP // Tradingeconomics , URL: https:// market and economy in general of both countries. Contemporary tradingeconomics.com/germany/households-debt-to-gdp (latest update on

Consumer Lending in Germany // Euromonitor International , URL: crisis without major losses [Schmidt, Zwick, 2018, p. 25]. Despite http://www.euromonitor.com/consumer-lending-in-germany/report (latest

Russia Households Debt To GDP // Tradingeconomics , URL: https:// tradingeconomics.com/russia/households-debt-to-qdp

Russia Consumer Credit // Tradingeconomics , URL: https://tradingeconomics.com/russia/consumer-credit (latest update on 17.09.2018)

gender quota. 35% of the sample were male participants, 65% women. The respondents were ranged from 17 to 28 years old with a mean age of 20,6 years. 60% of Moscow respondents financial competence of students in Moscow and Berlin: were HSE students, 40% - MSU students. In Berlin 62% Freie Universität and 38% Humbolt Universität students. More than a half of the sample (52,2%) estimated their financial situation as face problems with the distribution of their budget for a certain "can easily buy durable goods, but purchase of expensive things (for example, car) causes difficulties".

Measuring financial capability

A literature review showed that it is difficult to uniquely identify financial, so there are several ways to measure this chosen, which was developed in the World Bank study [Kempson et al., 2013].

It can be approached by drawing up of the questionnaire students from Moscow and Berlin. containing the questions connected with budget planning, savings, a level of financial responsibility and so on. As a result, 10 components of financial capability are derived from is a strong simplification of the indicator of financial capability, and the use of weights in calculating the overall coefficient is difficult, because it is unclear which components have more/ less weight.

of capability of the individual for this component, and 100 is the highest level. The calculation of these indicators was carried out using the following formula:

C = 100*(S-a)/(b-a)

Where **C** is the final value of financial capability, **S** is the **b** is the maximum value⁶.

serve as the maximum and minimum reference point) should be included in the database with the maximum and minimum values. Using the above formula, as well as introducing 2 fictitious respondents into the database, the required scales for each component will be obtained.

p. 881, the construction of these components makes it possible [Lusardi, Mitchell, Curto, 2010, p. 368; Kempson, Perrioti, Scott, to classify students according to their capability levels. 2013, p. 89; Jorgensen, Savla, 2010, p. 475]. However, the Accordingly, in the data analysis section, an attempt was made students from low-income families may have the higher level to classify students from Moscow and Berlin regarding their of financial capability [Ergün, 2017, p. 15]. In this research we financial capability.

Key research hypotheses

Following hypotheses were put forward regarding the

H1: Students have a low ability to plan their expenses

Students, finding a relative financial independence, may period of time. It is believed that young people have low ratings in planning their spending and the ability to live within their means [Kempson, Perrioti, Scott, 2013, p. 103].

H2: Students are prone to impulsive shopping

It is believed that students are not very responsible if it concept. In this study, the option proposed by Kempson was comes to finance, and they are prone to rash and impulsive purchases [Kuzina, 2015, p. 143]. In this study, verification of this claim will be carried out, and how impulsivity varies among

H3: Students demonstrate high levels of achievement orientation

It is assumed that, compared with the adult population, these questions with the help of factor analysis, which make young people demonstrate higher levels of achievement it possible to assess the capability of respondents. For the orientation. This is due to the fact that the age of a person's analysis in this paper, the indicators for individual components desire to achieve his goals is reduced [Kuzina, 2015, p. 143]. were used, since the use of the average value for components. Therefore, in this study, it is necessary to check this statement.

H4: Male students are more likely to get a higher score on components of financial capability

Since in many researches women are more prone to give incorrect answers to questions about finances [Lusardi, Mitchell, The results of factor analysis were interval variables, so Curto, 2010, p. 367] and demonstrate lower levels of financial it is necessary to convert them into indicators suitable for literacy and financial capability [Taylor, 2010, p. 306; Vyvyan, interpretation. In the finished form, the components of financial Blue, Brimble, 2014, p. 9; Ergün, 2017, p. 10], we suppose that capability take values from 0 to 100, where 0 is the lowest level male-students get higher score on all components of financial capability.

H5: The frequency of discussion of financial matters in the family has a positive effect on financial capability components

According to researchers, financial socialization can partly original value of financial capability obtained in the analysis, **a** be measured through the frequency of discussion of financial is the minimum value for this component of financial capability, matters in the family. During such discussions with family members students acquire knowledge and skills in financial Since such a calculation implies that the minimum and management and decision-making. Consequently, the more maximum value of the components of financial capability often financial matters are discussed, the higher the level of relies on the collected data, two fictitious respondents (which financial capability and the higher score on financial capability's components [Jorgensen, Savla, 2010, p. 468].

H6: Family income has a positive effect on a student's score on financial capability components

There are contradictory results in researches about the association of financial capability and family income. High In addition, according to Kempson [Kempson et al., 2013, family income contributes to higher level of financial capability assume that there is a positive association between family income and financial capability.

frequency of discussion of financial matters in the family, the ready to take the loan. It was created 6 cases, using credits for faculty, age, and financial capability components we used education, electronica and daily expenses as the most relevant regression models with dummy variables. Our data fulfils for students. Taking the purposes of the credit they also varied assumptions of the regression modelling: normal distribution, in size, duration and interest rates. The cases were assessed no multicollinearity, homoscedasticity, no outbreaks.

components (an interval scale). Independent variables are previous purposes of the loan were the following: household gender (dichotomous variable), the frequency of discussion appliances purchase, daily expenses (rent, payment of bills, (ordinal scale), the faculty (dichotomous variable: faculty of buying food etc.), furniture purchase, car purchase, real estate economics and non-economic faculty), age (dichotomous purchase, house repair, business development, education. variable: "under 20 years old" and "20+ years old").

with parents several times a month.

To find association between family income and financial of all the components were taken as independent variables. capability components we used Spearman's rank correlation because family income is a ranked variable.

to base the analysis:

H7: The higher the level of financial capability in all its components, the higher the chance of a student to be ready to take a loan

capability can be bewildered by loans and thus be less likely to were tested for homoscedasticity. take them. Moreover, as it was stated there is no common view over the association between financial capability and credit behavior [Fernandes, 2012, p.21-22; French, 2016, p. 7-8] that the level of financial capability, the scores of the capability of should be tested) that should be tested.

H8: The higher the level of financial capability in all its components, the higher the chance of a student to be ready to take a loan on education and real estate purchase

As one of the financial capability components is budgeting and attitude toward the future [Kuzina, 2015, p. 142; Kempson, Perrioti, Scott, 2013, p. 110] we can suppose that people with high levels of financial capability would take, firstly, more credits, as they are needed to be planned, secondly, more credits that imply to be paid in the long run periods. Moreover, these purposes are chosen as they seem to be of great importance for students, as they start to build their own households and they need to cover expenses for their previous, current or future education.

To test the hypotheses all the needed peculiarities of the student credit behavior were taken into account. It is important to mention that adults face credits more often than students. Due to the reason there were created questions on previous on a particular NEED and several imaginary credit-cases that components between Moscow and Berlin.

To find association between such factors as gender, the was asked to be assessed from the extent to which student are using a 11-point scale from 0 – not ready to take the loan at Dependent variable is one of the financial capability all to 10 - absolutely ready to take the loan. As potential and

To test the hypotheses above a vast set of regression models Reference group: female students 17-20 years old who were estimated. All the models were estimated for Moscow and study at the faculty of economics and discuss financial matters Berlin separately to test whether there are any differences in the patterns of the links between cities. Levels of financial capability

Mean level of readiness among all the imaginary cases was taken as a dependent variable for one set of models. These Considering credit behavior, several hypotheses were used models were using linear regression method as both dependent and independent variables are coded in the interval or pseudo interval scales.

Readiness to take a loan on a particular purpose was taken as dependent variable of another set of estimated models. Here We base this hypothesis on the supposition that students binary logistic regression was used as the dependent variable who can rationally manage their resources are not frustrated by is coded in the dichotomy: "yes, ready to take the loan on this a loan and the possible loan is merged into their plan. Students purpose" or "no, not ready to take a loan on this purpose". All who are bad in managing their finances, so have low financial the models were tested for multicollinearity and linear models

Results

According to the developed methodology for calculating the students of Moscow and Berlin were calculated. A 9-factor model was obtained, the results of which were recoded on a scale from 0 to 100.

Table 1 The average value of financial capability by component (n=293)

Component	Mean	Std. Deviation
Budgeting	68	16,8
Monitoring expenses	60	19,6
Achievement orientation	66	18,5
Saving	56	20,0
Not being impulsive	50	21,7
Using information	63	17,0
Not overspending	38	19,1
Living within means	46	22,8
Attitude towards the future	49	16,5

Source: data of the present study

Since this research involves a comparative element, loan experience and questions considering potential credit therefore, after obtaining the students' financial capability, behavior: one question on the potential readiness to take a loan a comparison was made between the average values of the

Table 2 Comparison of the average 9 components of the financial capability of students in Moscow and Berlin (n=293)

capability of stadents in Ploston and Sertin (ii 273)				
Components	Moscow	Berlin	Sig.	
Budgeting	71	64	,000	
Monitoring expenses	59	60	,661	
Achievement orientation	68	65	,198	
Saving	55	56	,846	
Not being impulsive	50	49	,817	
Using information	65	60	,010	
Not overspending	33	44	,000	
Living within means	39	56	,000	
Attitude towards the future	49	49	,906	
N	170	123		

Source: data of the present study

According to the Table 2, the level of financial capability of students in Moscow and Berlin is not the same: significant differences was demonstrated by the components of "Budgeting", "Using information", "Not overspending" and "Living within means". In general, Moscow students are better in budgeting and using information about finances but tend to overspend more and are not so well in living within means, than students from Berlin.

But, level of financial capability can be also influenced by other variables, which will be analyzed below.

Features of financial capability in Moscow and Berlin

It was revealed that the level of financial capability of students is much lower than that of the adult population of Russia.

Based on the results obtained in the study by O. Kuzina [Kuzina, 2015, p. 143], one can approximately compare the scores obtained in the students of Moscow, Berlin, and Russians. The results show that the students' average scores are much lower than in the whole population of Russia. This may indicate that students still have little experience with financial management and therefore demonstrate lower indicators of financial capability.

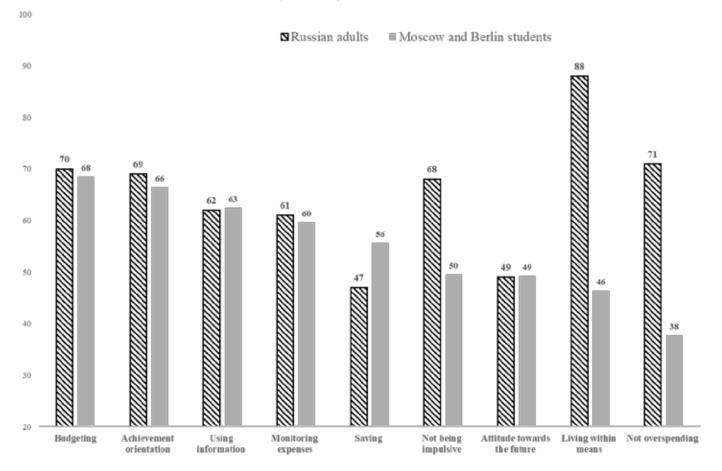


Diagram 1. Comparison of the average values for the components of the FC between the students of Moscow, Berlin and Russians Source: data of the present study

students are willing to work hard to achieve great results in the elaboration in future studies. future. Nontrivial indicators have students in the component a whole (47). This does not correlate with the general provisions control over expenditures despite the fact that respondents that students have problems with managing their finances, say they plan and track their expenses. And it can be assumed A possible explanation for this is the different structure of that in practice, students may have little experience in savings, as will be discussed later. The maximum differences controlling for unnecessary expenses, although they are between the indicators of students and Russians are shown in trying to plan them.

As it is shown in the Diagram 1 students from Moscow the components "Living within means" and "Not overspending" and Berlin demonstrated the highest results in components (more than 30 points), which may indicate that the ability to "Budgeting" (68) and "Achievement orientation" (66), which correctly allocate spending comes with age and experience correlates with the assumption [Kuzina, 2015, p. 144] that in managing the budget. However, this assumption requires

The lowest indicator for the "Not overspending" "Saving", because they have higher results (56) than in Russia as component (38 points) may indicate a relatively weak real

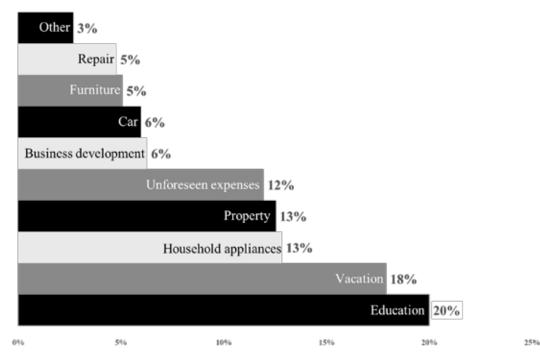


Diagram 2. The purpose of savings by category. Source: data of the present study

Since many students do not yet have high incomes, work, Categories "Vacation" and "Household appliances" are located these savings goals.

that receives higher education, and therefore postpones it. buying a gadget, clothes or travel.

then the purpose of savings has turned out to be rather small. in second place, which speaks about a more short-term horizon Since buying a car, developing a business have a fairly long- of planning for students, since such categories of savings do term planning, so a small number of answers have fallen on not lead to an increase in their incomes in the long term. This may be a possible answer to why students demonstrated higher Addressing the Diagram 2 will show that the item results for the savings component – differences in the structure "Education" is in the first place, which is not surprising, because of savings relative to the adult population. Students can be young people are precisely the category of the population oriented to save, but it will be rather short-term savings for

Factors determining levels of financial capability

Table 3 Comparison of the Factors, determining achievement orientation and monitoring expenses in Berlin

-	· •		-	•
Var.		Achievement orientation (R ² =12,5%)		g expenses 1,8%)
	Coeff.	Sig.	Coeff.	Sig.
Intercept	45,8	0,00	82,9	,000
Male-students	-6,5	0,06	-7,2	,059
Discussed financial matters every week	12,1	0,01	3,7	0,46

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Var.	Achievement orientation (R ² =12,5%)		Monitoring expenses (R ² =11,8%)	
	Coeff.	Sig.	Coeff.	Sig.
Discussed financial matters several times a year	3,5	0,39	3,5	0,44
Discussed financial matters less than 1 time per year	-13,6	0,18	6,3	0,02
Never discussed financial matters	6,7	0,22	7,4	0,22
Economic faculty	2,9	0,07	2,8	0,03
Age	0,9	0,44	-1,1	0,51

Source: data of the present study

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Correlation between factor "income" and "monitoring expenses"

City	Coeff.	Sig
Berlin	-0,29	,001

Source: data of the present study

There is an association between "achievement orientation" component in Berlin and gender and frequency of discussion of key financial matters in the family. In Berlin male-students get less by 6.5 points in "achievement orientation" than femalestudents (H4 hypothesis is rejected). Also, those students who discussed financial matters in the family every week get higher score in "achievement orientation" than those who discussed financial matters several times a month (We accept H5 hypothesis).

According to the Table 3 there is an association between "monitoring expenses" and frequency of discussion of key financial matters in the family and faculty in Berlin. Students who discussed less than 1 time per year get higher score in monitoring expenses than those who discussed financial matters several times a month (We reject H5 hypothesis for this component in Berlin). In addition, students who study economics at university get also higher score in monitoring expenses than students from non-economic departments.

We found a negative association between income and monitoring expenses. Students from lower-income families wealthier students.

the level of students' financial capability.

Credit behavior

capability it is important to describe possible ways that students investigate the "loan experience" of students. use to solve the problem of money shortage. Dealing with the loan are used by students in the conditions.

According to the data the leading way to solve the problem

of money shortage is an attempt to save money. It is the most common way for both cities. Moreover, it appears to be twice as wide-spread as the next in prevalence means (money from friends and family, search for earnings and getting help in food or money from relatives). In general, we can see similar distribution in Moscow and Berlin, with the only exception in the help from relatives in food or money which is significantly higher¹ in Moscow than in Berlin. As for those students who have never faced the problem the percentage is guite similar and appears to be approximately 25% of the whole sample.

Table 5 Solutions for the money shortage problem

Solutions for the money shortage problem			
Solution	Moscow	Berlin	
Try to save	75,3%	62,6%	
Borrow from friends and family	32,4%	35,8%	
Search for additional earnings	28,8%	32,5%	
Do not face such problem	24,1%	27,6%	
Get help from relatives in food or money	22,4%	9,8%	
Sell unnecessary belongings	14,7%	15,4%	
Take a loan/credit	1,2%	4,1%	
Difficult to answer	1,2%	2,4%	

Source: data of the present study

According to the Table 5 the leading way to solve the usually get higher score in "monitoring expenses" than more problem of money shortage is an attempt to save money. It is the most common way for both cities. Moreover, it appears to be Gender, the frequency of discussion of financial matters in twice as wide-spread as the next in prevalence means (money the family, the faculty, age do not influence such components of from friends and family, search for earnings and getting help financial capability as budgeting, saving, not being impulsive, in food or money from relatives). In general, we can see similar using information, not overspending, living within means, and distribution in Moscow and Berlin, with the only exception in attitudes towards the future in Berlin. In Moscow these factors the help from relatives in food or money which is significantly do not explain financial capability at all. Therefore, further higher² in Moscow than in Berlin. As for those students who research is needed to figure out what factors actually determine have never faced the problem the percentage is quite similar and appears to be approximately 25% of the whole sample.

As we dealt with the possible ways to solve the problem we Before we trace the possible associations between financial can derive the crucial one for us: taking a loan or a credit and

Basing on the Table 6 we can make 2 statements. Firstly, problem can help us understand what other means apart from the amount of people that had an experience in taking a loan

According to Chi-square

According to Chi-square

is significantly much higher in Berlin than it is in Moscow. observations for us to use z-statistics. Moreover, it means that Secondly, we can see that in both cities the percentage is quite following questions of the survey about persisting loans cannot low. In absolute numbers none of the cities has reached 30 be used due to the small sample size. That is why we use the

According to Chi-square

questions that consider potential credit behavior.

Table 6 Comparison of the Factors, determining achievement orientation and monitoring expenses in Berlin

Question		Moscow		Berlin	
Ques	SUOII	Freq. %		Freq.	%
Us	Yes	6	3,5%	17	13,8%
Have you ever taken out a loan?	No	164	96,5%	106	86,2%
taken out a todii:	Total	170	100%	123	100%

Source: data of the present study

Potential credit behavior

of a person to take a loan in the future.

Possibility of a potential loan

See taking a loan as possible	Moscow	Berlin
No	26,5%	14,6%
Yes	73,5%	85,4%

Source: data of the present study

As we can see in the Table 7 students in Moscow are more reluctant to take a potential loan in the future, than Berliner students. Those who see taking a loan as possible are ready to take it for the following purposes:

Potential loan purpose

Loan purpose	Moscow	Berlin
Real Estate purchase	61,8%	49,6%
Business development	46,5%	38,2%
Car purchase	32,4%	28,5%
Education	17,6%	36,6%
Repair of dwelling	11,8%	13,0%
Household appliances purchase	3,5%	13,0%
Furniture purpose	2,9%	10,6%
Other	0,6%	1,5%
Daily needs	0,6%	4,1%1

Source: data of the present study

According to the Table 8 the most common loan purpose for students in both cities is real estate purchase with a slightly to the cases analysis we observe that the likelihood to take a higher per cent in Moscow. The differences in potential credit loan for education is equal in both cities. behavior can be also traced on other purposes. Student loans are far more likely taken by students from Berlin than from needs. Such credits oriented at improvement of the daily life levels of financial capability. appear to be more common among Berlin students than among Moscow ones. In the upper paragraph we were dealing dependent variable being dichotomy: a person is ready to take

measure readiness to take a loan in the interval scale. The Firstly, we should address the information of the possibility following table gives an overview of the several imaginary cases that were given to respondents to measure their Table 7 readiness to take a certain loan.

Table 9 Means on readiness to take a loan across cases

Case description	Moscow	Berlin
Purpose: education, duration – 15 years, monthly payment – smaller, total sum - bigger	4,68	4,46
Purpose: education, duration – 5 years, monthly payment – bigger, total sum – smaller	5,24	5,28
Purpose: electronics, duration – 1 year, monthly payment – bigger, total sum – smaller	3,78	4,72
Purpose: electronics, duration – 2 years, monthly payment – smaller, total sum – bigger.	2,00	4,08
Purpose: daily needs, duration – 4 years, monthly payment – smaller, total sum – bigger.	2,01	4,02
Purpose: daily needs, duration – 2 years, monthly payment – bigger, total sum – smaller.	2,18	3,89

Source: data of the present study

As we can see in the Table 9 in general Berliners are more likely to take a loan, in particular they are more ready to take a loan for electronics and daily needs, regardless of other loan parameters. What seems important to mention that data above shows that Berlin students are about twice as more ready to take a loan for education as Moscow students are, but according

Association of credit behavior and financial capability

After tracing differences in real and potential credit behavior Moscow. It is also important to notice the differences in small of Moscow and Berlin students we can address to testing our purchases loans, i.e. household appliances, furniture and daily initial hypothesis on associations between credit behavior and

Firstly, we address the binary logistic regression with the with dichotomies, but the survey is created in the way to a credit in future or no ready. For each city it was estimated journal@mirbis.ru

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a model. All of the coefficients except for one turned out to people are a separate group of people, including in the sphere insignificant at 95% confidence level. The only association of managing their finances. that was found is that one-point increase in future orientation accounts for the slightest increase in the chances of taking a many students have chosen education as the most frequent loan among Moscow students.

variable of a readiness to take a loan in a particular case, as and those who plan their further education. But at the it is measured in the 11-point scale, so linear models can be same time, in second place, with a small gap is a category used. For Moscow none of the coefficients are significant in all 6 of recreation, which can talk about the consumer nature of models. As for Berlin some of the coefficients are significanting savings. That is, the purpose of savings is the purchase of the several models. All the coefficients are less than 0,55, presenting final product or service, rather than investing (not counting the slightest association of two chosen parameters. Despite the articles "education"). that heteroscedasticity was found in all the models making them unavailable for interpretation and stating possible have a low ability to plan their expenses proved to be true even omitted factors influencing the dependent variable. Thus, we though this component demonstrated high results (68) relative can state that the initial hypothesis of association between the to other components. However, the actual lowest indicator is the probability of taking a loan and the level of financial capability component "Not overspending" (38), which means that in reality, is rejected.

Thirdly, it is important to trace the possible association population copes much better with the surplus spending. between level of financial capability and potential loan purpose. chances of a person to be ready to take a loan for business in the management of their finances. development.

us reject all the stated hypothesis.

Discussion

the level of financial capability, the scores of the capability finances but also future work, career and so on. of the students of Moscow and Berlin were calculated. It was better in budgeting and using information about finances but per year get a higher score in monitoring expenses. tend to overspend more.

Students also have a very different structure of savings: goal of savings. A possible explanation for this is the Secondly, addressing linear regressions with a dependent availability in the sample of people studying on paid training

> The hypothesis that the students in Moscow and Berlin students cannot use their finances competently, while the adult

According to the study of O. Kuzina, young people tend For that 18 binary logistic models were estimated with the to rash and make impulsive purchases [Kuzina, 2015, p. 143]. dependent variable of a person being ready to take a loan on Students from Moscow and Berlin show average indicators a particular purpose or not. More than 90% of the coefficients for the component "Not being impulsive" (50), but comparing are insignificant at 95% confidence level. The majority of the these scores in Russia (68), it becomes clear that young people significant coefficients show that the one-unit change of one are more impulsive than the average in Russia. However, the of the financial capability parameters accounts for less than difference between the students of Moscow and Berlin is 5% chance to take a particular loan. The only relatively strong insignificant, that is, the students of their two cities as a whole association is found among Berlin students: one-unit increase have the same level of impulsiveness. A possible reason for the of future attitude parameter accounts for 11% decrease in the more impulsive students may be the lack of a long experience

In addition, with age, a person's desire to achieve his goals Basing on the data two general conclusions can be made. is reduced [Kuzina, 2015, p. 143]. Consequently, in this study, it Firstly, Berlin students are in average more likely to take a was necessary to test the assumption that young people should loan and to be ready to take a loan. Secondly, credit behavior demonstrate the highest rates of achievement orientation. is almost not associated with levels of financial capability. In However, the average values for the components "Attitude cases where it exists it is exclusively weak. The findings make towards the future" (49) and "Achievement orientation" (66) almost do not differ from those for the population of Russia (49 and 69 points, respectively). This again can speak of a not According to the developed methodology for calculating very distant horizon of planning, only in this case it is not only

Results indicate that the more students discuss financial assumed that the availability of different cities in the sample matters in the family the more achievement-oriented they will reveal differences in the levels of financial capability. The become. It is also proven by other researching according to analysis showed that the financial capability between students which financial socialization in the family, discussing loans or is not equal: significant differences were demonstrated by the purchase of durable goods contributes to rational decision the components of "Budgeting", "Using information", "Not making [Jorgensen, Savla, 2010, p. 468; Vyvyan, Blue, Brimble, overspending" and "Living within means". Moscow students are 2014, p. 8-9]. However, students who discussed less than 1 time

There is no association between gender and financial Descriptive statistics made it possible to reveal several capability components except for achievement orientation interesting observations. First, there are strong differences in Berlin. Male-students get a lower score in "achievement between students and the adult population relative to the orientation" than females. It disapproves results that women level of financial capability, which at least indicates that young have lower levels of financial capability and literacy [Taylor,

Financial Capability among Moscow and Berlin Students

Curto, 2010, p. 367].

influences financial capability [Lusardi, Curto, 2010, p. 368; Zwick, 2018, p. 26; Mertens, 2017, p. 482; Bergantino, Capozza, Kempson, Perrioti, Scott, 2013, p. 89]. But we found a negative 2018, p. 1320] and in the environment of instability students association between income and "monitoring expenses". are less likely to take a loan. Probably, students from low-income families feel responsible for their financial behavior and for the way they spend their that real estate purchase most commonly stated purpose of money [Ergün, 2017, p. 15]. That's why they try to monitor their the possible future loan, which can be motivated by the idea of expenses.

courses about finances and learn how to manage their money of the drastic differences in the distribution of purposes of the more effectively [Ergün, 2017, p. 14]. Thus, they try to monitor potential loan is the differences in the student loans. Berlin their expenses and get a higher score on the "monitoring students are far more ready to take a loan for education. To expenses" component.

explain its several peculiarities. There are several features of Russia. Secondly, despite the fact of free education in Germany, the solution of the money shortage problem. The way to save it is geographically closer to the countries with expensive is the most common one in both cities, which can be explained education (often more than 10 minimum German wages per through its universality and opportunity to be independent year) and it is in EU, which makes German students more mobile. of friends, parents and other relatives, which appears to be which there can be more trust [Serageldin, 1998].

students are more likely to take help from friends and family literacy and financial behavior and credit behavior in particular. in food and money. The possible explanation would be that with food or money.

is explained through the lack of trust to formal institutions an aim of further research. mentioned above. Wherein Berlin students have taken a loan 3 times more often than Moscow students. Moreover, Berlin

2010, p. 306; Vyvyan, Blue, Brimble, 2014, p. 9; Lusardi, Mitchell, to GDP is approximately 3 times bigger than the Russian one^{3,4}. Supposedly it can be explained through the weakness of According to many types of research, income positively present Russian economy compared to German one [Schmidt,

As for distribution of potential loan purposes, it was found building independence [Arnett, 2004, p. 73]. Loans for business Students who study economics at the university take more development and car purchases can also follow this logic. One explain this, we should address two facts. Firstly, as the work Considering credit behavior, we should mention and try to is written [September, 2018] student loans are not available in

Finally, considering associations between credit behavior important for students [Arnett, 2004, p. 73]. Alongside with and financial capability levels in the vast majority of cases this method, borrowing from friends and family is common, no association was found. Basing on more than 30 regression Presumably, students do not have sufficient understanding models we state that only a minor number of cases present and trust in formal institutions, such as banks, and therefore the association. However, among those cases where the they can be replaced by informal ones (loans from friends and association was found it is so weak that it seems to be not relatives) [Rose, 1999], which they understand better and to worth considering. Hence, we can state that the conclusions of Fernandes are justified by the present work [Fernandes, 2012], Basing on the same data we discovered that Moscow proving that there is no association of financial capability or

Presumably, there is another association that cannot be Russia is supposed to be a country of the collectivistic culture, found using the data. For instance, there is evidence that people while Germany is more individualistic. Thus Russian collective who have taken a loan are more likely to track their expenses responsibility for a child "opens up" the way to help him/her [Hayhoe, 1999, p. 650]. Therefore, if we had more students with an experience of taking a loan we would be able to find Despite the fact that credits become more common and an association between real credit behavior and financial accepted [Strebkov, 2004, p. 109; Neuner, 2005, p. 515] and capability. This fact is also indicated by heteroscedasticity the development of credit market in both countries^{1,2} loans in the model, which can stand for omitted factors, which are are unpopular among students of both cities. Presumably, it associated with credit behavior. Finding these factors becomes

Conclusion

Current research was based on the issue of how young students are more ready to take a loan in future. It fits into the people manage their finances. Since young people are a very situation at both credit markets: German credit market relative large group of the population, only students from Moscow and Berlin were examined in this work. Basing on the comparison of a variety of financial indicators, the research focused on the concept of financial capability, which in turn was calculated using the chosen methodology proposed by E. Kempson.

Consumer Lending in Germany // Euromonitor International, URL: http://www.euromonitor.com/consumer-lending-in-germany/report (latest update on 17.09.2018)

Consumer Lending in Russia // Euromonitor International, URL: http:// www.euromonitor.com/consumer-lending-in-russia/report (latest update on 4 17.09.2018)

Consumer Lending in Germany // Euromonitor International , URL: http://www.euromonitor.com/consumer-lending-in-germany/report (latest update on 17.09.2018)

Russia Consumer Credit // Tradingeconomics , URL: https://tradingeconomics.com/russia/consumer-credit (latest update on 17.09.2018)

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The analysis revealed that students in Moscow and Berlin exclusively weak association between the levels of financial acquired not only through appropriate education but also with financial capability were rejected. age. Young people are a separate group of people, including the sphere of managing their finances.

this group of people is trying to budget and save, but often which limits the extrapolation of conclusions to the general budget planning in theory is faced with inability to control population of students. Therefore, the findings should be its costs and impulsiveness in practice, as well as the lack verified by researching students from other cities. Secondly, of long-term planning which leads to the existence of the use of a second language in the study. On the one hand, unnecessary expenditure and access to the boundaries of when translating a questionnaire originally compiled in one's own budget.

in the family, and faculty explain only two components in English. On the other hand, the study was conducted in (achievement orientation, monitoring expenses) in Berlin. There Moscow in Russian, and in Berlin - in English, that is not is no association between other factors and financial capability in the language spoken by the majority of respondents in in Moscow and Berlin. In further research it is needed to test. Germany, It seems possible in future studies to translate the how other factors (for example, friends, health, self-esteem and questionnaire into German, which, however, threatens with etc) influence financial capability.

behavior and levels of financial capability, it was found that socialization is a complex factor which only partly can be loans are a fairly unpopular practice among students: students measured through the frequency of discussion of financial rarely have an experience in taking loans and are rarely ready matters. Therefore, in further research financial socialization to take loans in the future. There is a significant difference in should be operationalized more accurately. Fourthly, the credit behavior among students in Moscow and Berlin. Berlin study focused only at potential credit behavior as there was students on average are 3 times more likely to have experience not enough data for the real credit behavior. In the further in taking loans, and on average they are 3 times readier to take research the sample should include more of the respondents loans in the future, which is correlated with the difference in that have had experience in taking a loan to trace possible the volumes of credit markets in Russia and Germany.

Alongside, the results show that there is no or there is an financial capability.

have slightly different results in terms of levels financial capability and the readiness to take a loan. Also, there is no capability. Also, the level of financial capability of students is association between the choice of the purpose of the potential much lower than the one of the adult population of Russia. This loan and the levels of financial capability. Thereby all the initial suggests that the ability to competently manage finances is hypotheses considering credit behavior and its association with

Limitations

There are several general limitations of this study. Firstly, In general, an analysis of students' answers shows that it is a sample of students only from Moscow and Berlin, Russian, distortions of the meaning of questions (despite Gender, the frequency of discussion of key financial matters consultations with native speakers) could have been made additional distortions of meanings. Thirdly, only one aspect As a result of studying the association between credit of financial socialization was tested. However, financial associations between real credit behavior and levels of

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ФИНАНСОВЫЕ ВОЗМОЖНОСТИ МОСКОВСКИХ И БЕРЛИНСКИХ СТУДЕНТОВ

Аннотация. Настоящее исследование представляет собой анализ финансовой компетентности и ее различных аспектов среди студентов Москвы и Берлина. Актуальность темы обусловлена бытующим мнением о том, что студенты не умеют управлять собственными финансами. Именно поэтому одной из задач настоящей работы становится вычисление уровня финансовой компетентности в Москве и Берлине для понимания того, действительно ли студенты, в сравнении с остальным населением, не умеют успешно управлять финансами. Вместе с подсчетом уровня финансовой компетентности студентов исследование выявляет те факторы, которые оказывают воздействие на уровни финансовой компетентности. Выявление факторов позволяет понять, что именно может являться причиной низкой финансовой компетентности студентов и предложить пути решения возможной проблемы неудовлетворительного управления финансовыми ресурсами. В исследовании изучалась связь пола, материального положение, возраста, факультета, частоты обсуждения финансовых вопросов в семье с одной стороны и финансовой компетентности – с другой. Понимание же того, насколько хорошо студенты управляют финансами может способствовать лучшему пониманию их кредитного поведения. Оформление кредитов оказывается важной частью жизни студентов, так как позволяет устанавливать относительную финансовую независимость, а также решать проблему нехватки средств на важные на данном этапе жизни расходы. Исходя из этого, перед исследованием стоит задача выявления взаимосвязи между уровнем финансовой компетентности и кредитным поведением студентов. Поставленные задачи решались методом онлайн-опроса на выборке, включившей 283 студента из ключевых университетов Москвы и Берлина. Итоги анализа показывают, что восприятие студентов как людей, которые плохо справляются с управлением финансами, имеет под собой основание, как так у студентов уровень финансовой компетентности значимо ниже, чем у взрослого населения. Было получено, что наиболее подробно выбранные факторы объясняют компоненты «планирование расходов», «жизнь по средствам», «использование информации» и «установку на сбережения», а также что уровень финансовой компетентности оказывается никак не связан ни с готовностью оформления кредита как такового, ни с оформлением кредита на отдельные цели.

Ключевые слова: финансовая компетентность, финансовое поведение, кредитное поведение, финансовая социализация, детерминанты финансовой компетентности, детерминанты кредитного поведения.

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