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**Job Security Across Europe: Predictors of Subjective
Job Security in Northern, Southern, and Central
European Countries**

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Abstract

According to OECD statistics the unemployment rate in 2011 varied across Europe 10-20 per cent. At that time, European Social Survey Round 5 data was collected which showed that job security was highest in northern country cluster, moderate in southern country cluster, and lowest in the Visegrad country cluster. Our first research question addressed whether general, aggregated social indicators (unemployment and employment rate, and social expenditure) determine perceived job security in the three country clusters. The overall sample was comprised of three southern countries, four Visegrad countries, and four northern countries and consisted of people aged 20-60 who reported to be in paid work and working more than 30 hours a week. The main aim of the current paper was to examine the predictors of job security in the context of all three country clusters. Results indicated that the proposed model of job security predictors showed the best fit for the southern country cluster, explaining over 30 per cent of the variance of perceived job security (background characteristics explained there most of the variance there). Variation in the explanatory power of the job security variable in the northern country cluster was mainly explained by both job and organizational characteristics, while in the Visegrad country cluster it was mainly explained by job characteristics. The paper is a contribution to the discussion about job security in the current period of recession in Europe.

Keywords: job security, predictors, European Social Survey Round 5.

1. Introduction

The period between 2007 and 2013 was associated with a significant economic recession worldwide. During this time, declines in economic growth and an increase in unemployment rates were observed throughout Europe. The recession could potentially have had negative consequences on perceptions of work and job security that are important for personal well-being and psychological health. The current paper examines European Social Survey Round 5 data¹ collected from 2010–2011 in 11 countries with a focus on perceived job security and other variables, including the potential predictors of subjective job security. In this paper we are concerned with the concept of job security, rather than insecurity, and attempt to focus on a positive interpretation of the labour market phenomenon. In order to achieve the aims of the study in a broader context, three country clusters representing three models of market economies across Europe were selected. These included a northern country cluster representing a coordinated market economy, a southern country cluster representing an ambiguous (neither liberal nor coordinated) market economy (Hall and Soskice, 2001), and a central ('Visegrad') country cluster representing a so-called dependent market economy with a dependence on foreign capital (Nölke and Vliegenthart, 2009).

2. Job security and its predictors

According to De Witte (2005), job security is defined as the probability that individuals will keep their jobs. Objective job security is indicated by labour market conditions. In this study, however, job security is studied as individual perceptions of job continuity in the future (Sverke and Hellgren, 2002), with a focus on subjective job security. The cognitive and affective forms of job insecurity are not studied in this paper. However, it is obvious that, when considering general job security individual perceptions of the cognitive or affective context cannot be 'excluded' or filtered out. One should be aware that when individuals are asked about perceptions of general job security, they refer either to the probability of their keeping a job (the cognitive context) or about their related feelings and emotions (the affective context).

Despite the clear definitions of job security, little is known about whether the related conceptual frame is the same and even whether its content is comparable. Most employees perceive job security to be essential, particularly as it relates to their current job (Probst and Jiang, 2017). A 2010 survey confirmed that 'having job security' was rated the most important factor in the working environment, above other factors such as pay, benefits, job-skills training, and career development opportunities (Probst and Jiang, 2017). Reflecting previous findings and outcomes, Richter et al. (2010) have argued that compared to earlier times when organizations were more likely to provide secure jobs, today's employees often need to ensure their own security by staying employable (De Cuyper et al., 2009). Employees have to take greater responsibility for continually developing their human and social capital to be able to find new jobs – on which their careers and economic futures depend. It is

¹ ESS Round 5 data is available online: europeansocialsurvey.org

worth briefly considering employment security here. While job security refers to the ability to remain in a particular job, employment security refers to the likelihood of remaining in paid employment, albeit through a succession of different jobs. Berglund et al. (2014) have argued that a high degree of employment security, in terms of employability, can compensate for job insecurity.

One potential approach to better understanding the conceptual frame of job security and its perception across countries is to examine job security predictors. Of course, there is a wide range of possible predictors at both the country and individual level. Thus, in this article we deal with three groups of job security predictors: background characteristics, job characteristics, and organizational characteristics, as defined by Ištoňová and Fedáková (2015) and based on a literature review primarily on the topic of job insecurity. The background characteristics that appear to be the most relevant predictors of job (in)security are age, gender, and education, according to papers by Näswall and De Witte (2003), Munoz de Bustillo and de Pedreza (2010), Ito and Brotheridge (2007), Låstad et al. (2014), and Kirves et al. (2011). Previous experience of unemployment is a significant predictor of perceived job security in the future workplace (De Witte, 1999). Job characteristics, such as type of contract, opportunity for advancement, irreplaceability, employability, and job complexity, have been investigated as predictors of job (in)security in papers by Kirves et al. (2011), Munoz de Bustillo and de Pedreza (2010), McGuinness and Wooden (2009), Chambel and Fontinha (2009), Houston (2011), and Aronsson et al. (2000). Finally, organizational characteristics such as number of employees and the financial situation (e.g. prosperity) of the organization were investigated in relation to job insecurity by Munoz de Bustillo and de Pedreza (2010), Ito and Brotheridge (2007), Nickell et al. (2002), and Kalleberg et al. (2000). In this study we have added organizational meetings and training to this group of characteristics as they represent the attention, care and support an organization provides to its employees, which strengthen perceptions of job security.

2.1. The country-level context

In 2011, the document *OECD Employment Outlook 2010: Moving beyond the jobs crisis* was published. At that time, a common feature of some of the northern, Visegrad, and southern countries was growing youth unemployment (especially in Spain, Slovakia, and Sweden) and a high overall unemployment rate. In 2013, according to OECD statistics, labour market insecurity was highest in Greece, Spain, Italy and Portugal, followed by Slovakia, Poland, and Hungary.

The severity of the problem of insecurity has been documented in numerous published studies that discussed job security/insecurity in northern, southern, and Visegrad countries; however, the former did not examine the aggregate features of job security for country clusters. In relation to Poland, Hungary, the Czech Republic, and Slovakia, papers on job security focused mainly on job satisfaction, type of contract, 'flexicurity,' self-rated health, and general predictors, and consequences of job (in)security (OECD, 2017; Maciejewska et al., 2016; Wilczyńska et al., 2015; Mrozowicki et al., 2013; László et al., 2010). In Spain, Greece, and Portugal, papers on job insecurity have tended to associate the phenomenon with youth unemployment and forms of employment such as temporary or flexible work, and to job-related

attitudes (Sora et al., 2009; De Cuyper et al., 2009b; Becker et al., 2010; Munoz de Bustillo and de Pedreza, 2010). In Denmark, Finland, and Sweden job insecurity has been studied widely in the context of the flexicurity model, public intervention, demographic factors, and social security (Berglund et al., 2014; Richter et al., 2010; De Cuyper et al., 2009a; Anderson and Pontusson, 2007; Hellgren et al., 1999; Kinnunen et al., 1994).

2.2. Research questions:

The aim of the present study was to answer the following three research questions:

1. Does the level of reported job security reflect national social indicators, such as unemployment rate, employment rate, and social expenditure? This first research question was formulated to find out (at a descriptive level) whether the perceived job security reported by ESS respondents was affected by objective social indicators in the selected country clusters (using OECD data). We sought to compare the level of the indicators with the level of perceived job security in three country clusters.

2. What are the predictors of job security at the individual/job/organizational level in the three country clusters? The second research question was designed to enable us to describe the different effects of the relevant predictors on job security in the three country clusters using ESS data. With this question we wanted to see if the same variables had a different effect on perceived job security depending on the country cluster.

3. How do the predictors of job security differ in the three country clusters? The third research question was created to help analyse the differences in job security predictors between the three country clusters using ESS data.

3. Methodology

Data processing was more confirmatory than exploratory in nature. The aim was to confirm that the selected indicators/variables were predictors, and to reveal differences in significance across the three country clusters. We used ESS Round 5 data (2010) - specifically, data from the rotating family, work, and well-being module including respondent characteristics.

3.1. Sample

Respondents were classified into three country clusters: a southern European cluster, including Portugal, Greece and Spain (N=1806); a Visegrad cluster including Czechia, Poland, Hungary and Slovakia (N=2818); and a northern European cluster including Norway, Denmark, Finland and Sweden (N= 2627). The sample was restricted to those who 1) were 20–60 years old at the time of the interview, 2) reported to having been in paid work during the last seven days, and 3) reported to working more than 30 hours per week.

3.2. Measures

All the items were included in the ESS R5 questionnaire. Some of the original ESS item response scales were reversed (labeled **R**) so as to reflect the focus on perceived job security rather than job insecurity. All variables and corresponding response scales are presented with the values they had when entered into the statistical analysis.

Perceived job security:

In the ESS questionnaire the dependent variable is measured by a single item 'My job is secure' on a 4-point response scale ranging from 1 = 'not at all true' to 4 = 'very true.' For reasons related to statistical analysis we decided to transform this ordinal variable into a binary variable with 0 = 'not at all true' or 'somewhat true' and 1 = 'quite true' or 'very true.'

Background characteristics:

Variables that reflect the effect of background characteristics were age, gender (1 = 'female'; 0 = 'male'), years of completed full-time education and previous experience of unemployment (1 = 'yes'; 0 = 'never unemployed').

Job characteristics:

The effect of job characteristics on perceived job security was captured by five variables: 1) 'Type of contract' (**R**), a binary variable where responses were coded 0 if limited, and 1 if unlimited; 2) 'Opportunities for advancement or promotion' (**R**), an ordinal variable where responses were coded 1 if the respondent disagreed strongly and 5 if the respondent agreed strongly there was a good chance of advancement or promotion; 3) 'Overall employability', an eleven-point scale ranging from 0 if the respondent considered it extremely difficult to find or get a similar or better job to 10 if the respondent thought it would be extremely easy; 4) 'Irreplaceability in current job or position' (**R**), an eleven-point scale ranging from 0 if the respondent believed that it would be very easy for the employer to find their replacement to 10 if it would be extremely difficult; and 5) 'Job complexity' (**R**), an eleven-point scale ranging from 0 if the respondent reported it was extremely easy for the employer to monitor their work to 10 if it was extremely difficult.

Organizational characteristics:

The potential predictors of perceived job security were four characteristics of the organization the respondent worked for: 1) 'Financial difficulties of the organization', with responses ranging from 1 if the respondent reported the organization had been in great financial difficulty over the last three years to 4 if the respondent reported no financial difficulty; 2) 'Hiring employees', with responses ranging from 1 if the respondent felt the organization had significantly reduced employee numbers to 4 if the organization had significantly increased employee numbers; 3) 'On the job training' (**R**), a binary variable coded 1 if the employer had paid for the respondent's training, and 0 'other' (no training or not paid by the employer); 4) 'Organizational meeting influence' (**R**), a binary variable coded 1 if the respondent thought employee participation in workplace meetings could influence working conditions and practices, and 0 otherwise.

When analyzing the ESS data estimates, the likelihood of each respondent being part of the sample also had to be considered—which means that the most accurate estimates could be obtained only once the data had been weighted. Population weights were thus applied. The population size weight represents an

adjustment to ensure that each country is represented in proportion to the size of its population (ESS, 2014).

4. Results

First, one general research question concerned whether job security was determined by the social indicators for the selected country cluster (unemployment rate, employment rate, and social expenditure). To answer this question we compared ESS and OECD data collected in 2010–2011. At the descriptive level, the ESS data showed that the level of perceived job security was highest in the northern cluster ($M^2=3.1$), moderate in the southern cluster ($M^2=2.49$), and lowest in the Visegrad cluster ($M^2=2.28$). However, when the country clusters were ranked according to unemployment and employment rates, the southern and Visegrad country clusters ranked in a different order than they did for job security. On social spending³, the cluster ranking was in the same order as for job security (i.e. the highest social spending in northern countries, lower in southern countries, and the lowest in Visegrad countries). The northern cluster of countries had a high level of perceived job security, the lowest unemployment rate, the highest employment rate, and the highest level of social spending (see Table 1). Thus, the finding suggests that the examined indicators did not show common pattern in determining job security across country clusters.

Table 1: Job security mean score (ESS data 2010–2011) and social indicators (OECD 2011 data).

country cluster	job security (mean)	unemployment rate	employment rate	social spending
northern	3,1	3–8%	69–75%	21–29%
southern	2,49	10–20%	55–63%	24–26%
Visegrad	2,28	7–14%	55–65%	17–22%

To answer the second research question, ‘What are the predictors of perceived job security at the individual/job/organizational level in the three country clusters?’ we applied a logistic regression analysis with a dichotomous variable for perceived job security. As regards the northern country cluster, the full model explained 17.2 per cent of variance of the job security variable. Previous experience of unemployment was the only background characteristic that was a significant predictor of job security; not being previously unemployed was associated with higher perceived job security. Only two of the five job characteristics – type of contract and job complexity – were significant predictors of perceived job security. More specifically, job security was predicted by having an indefinite contract and a job in which effort was easily monitored and identified. There were three significant predictors of job security in the

² M (mean) of perceived job security variable *My job is secure* with a 4-point response scale ranging from 1 not at all true, to 4 very true.

³ OECD definition of Social spending: Social expenditure comprises cash benefits, direct in-kind provision of goods and services, and tax breaks with social purposes (<https://data.oecd.org/socialexp/social-spending.htm>).

group of organizational characteristics: organizational prosperity (no financial difficulties), a recent increase (or at least no change) in employee numbers, and influence of workplace meetings (see Table 2 in Appendix), indicating that job security was related to prosperous organizations where employee numbers had increased and employee views were taken into account at meetings. In partial models of logistic regression (using the enter method) background characteristics explained 3.3 per cent of variance of the job security variable, job characteristics explained 10.8 per cent, and organizational characteristics explained 9.5 per cent.

We then repeated the procedure for the southern country cluster. The full model explained 30.1 per cent of the variance of the dummy variable accounting for subjective job security. Of the background characteristics, age, education, and previous experience of unemployment were significant predictors of job security. It means that characteristics as being older, having completed more years of education, and not having been unemployed were all increasing job security in southern country cluster. Only two of the five job characteristics - type of contract and opportunities for advancement - were significant predictors of job security. More specifically, job security was predicted by an indefinite contract and opportunities for advancement. There were two significant predictors of job security among the organizational characteristics: organizational prosperity (no financial difficulties), and company training (see Table 3 in Appendix). Surprisingly (and unlike in the northern cluster), in partial models of logistic regression background characteristics explained 19.1 per cent of the variance of job security, job characteristics explained 17.6 per cent, and organizational characteristics 8.1 per cent.

The same analytical procedure was then applied to the Visegrad country cluster. The full model explained 19.7 per cent of the variance of job security. Previous experience of unemployment was the only background characteristic that was a significant predictor of job security, indicating that no (or little) previous unemployment experience was associated with a higher level of perceived job security. All five job characteristics - type of contract, opportunities for advancement, irreplaceability, employability, and job complexity - were confirmed as significant predictors of job security in Visegrad country cluster. More specifically, job security was predicted by an indefinite contract, job advancement, irreplaceability in current position, employability, and by having a job where effort was easily monitored and recognized. There were three significant predictors of job security in the group of organizational characteristics: organizational prosperity (no financial difficulties), number of employees, and influence of workplace meetings (see Table 4 in Appendix). This indicates that job security was greater at organizations that were prosperous, had an increasing headcount, and took employees views into consideration at workplace meetings. In partial models of logistic regression (using the enter method) background characteristics explained 2.8 per cent of the variance of job security, job characteristics explained 13.5 per cent, and organizational characteristics explained 6.8 per cent.

Lastly, we responded to the third research question, 'How do the predictors of job security differ between the three country clusters?'. Table 5 summarizes the significant and non-significant predictors of job security across the country clusters. First, of the background characteristics, previous experience of unemployment was a significant negative predictor of job security across all three country clusters. In

southern countries, being older and having completed more years of education was a significant predictor of job security. Gender was not a significant predictor of job security in any of the country clusters. Second, of the job characteristics, having an indefinite contract was a significant predictor of job security across all three country clusters. Opportunities for advancement was confirmed as a significant predictor of job security in the southern and Visegrad country clusters, and job complexity was a significant but negative predictor of job security in the northern and Visegrad country clusters. Irreplaceability and employability were identified as job security predictors in the Visegrad country cluster only. Third, and finally, in terms of organizational characteristics, working for an organization with no financial difficulties significantly predicted job security in all three country clusters. A growing workforce in an organization and influential organizational meetings were significant predictors of job security in the northern and Visegrad country clusters. Company training and company-supported training were significant predictors of perceived job security in the southern country cluster only.

Table 5: Significant predictors of job security in full models for three country clusters

Significance of predictors in full model		Northern cluster	Southern cluster	Visegrad cluster
	gender	-	-	-
	age	-	.000	-
	education	-	.000	-
Background characteristics	unemployment experience	.010	.000	.018
	contract	.000	.000	.039
	advancement	-	.014	.000
	irreplaceability	-	-	.000
Job characteristics	employability	-	-	.002
	job complexity	.011	-	.001
	organizational meetings	.006	-	.000
	organizational education	-	.000	-
	no financial difficulties	.029	.000	.006
Organizational characteristics	hiring employees	.014	-	.001

5. Discussion

This paper sought to confirm which of the main determinants of subjective job security considered in the literature play the most significant role in the three country clusters and thereby contribute to the findings on job security. The simple design of the study does not enable us to explain the phenomenon of perceived job security in detail but it does allow us to make some preliminary points about the determinants of perceived job security. It should be noted that the findings on job security described here relate to a period of economic recession, and that all the respondents were employed at the time of response.

In general, this study of the predictors of job security has produced several noteworthy findings. Our focus on social indicators as possible determinants of job security at the macro level suggests that a country's level of social spending is a better determinant of perceived job security than its unemployment or employment rates. The proposed model based on background, job, and organizational characteristics showed the best fit with the southern cluster of countries, and the worst fit with the northern cluster of countries. More specifically, differences in the explanatory power of the characteristics between country clusters were observed. In the northern cluster, a large amount of variability in job security was explained by job and organizational characteristics, whereas in the southern country cluster job security was better explained by background and job characteristics. Socio-demographic characteristics also explained a considerable part of the job security variance in southern countries, but not in northern and Visegrad countries. In the Visegrad country cluster, perceived job security was explained to a greater extent by job characteristics. The findings also suggest that job characteristics explained the significant variance in perceived job security across all three country clusters. The model needs to be more robust if it is to explain more about perceived job security. Moreover, an explanatory approach to creating the best model fit for each cluster or country is also required.

Focusing on the predictors separately, age and education were significant predictors of job security in the cluster of southern countries but not in the Visegrad and northern clusters. This finding could be explained by the fact that unemployment in the south affects heavily the young and less educated, which means a large section of the population (older workers) continue to have higher levels of job security than most other people in the Visegrad and northern countries. This finding is in line with what Sapir (2006, 376) has emphasized: '[...] Mediterranean countries (Greece, Italy, Portugal and Spain) concentrate their social spending on old-age pensions and allow for a high segmentation of entitlements and status.'

Gender differences, another sociodemographic issue, were addressed in the question whether being male or female determines subjective perceptions of job security. In our study, gender was not a significant predictor of perceived job security in any country cluster. This finding supports previous research by Marini et al. (1996), but not by Clark (1997), who reported that being male was a predictor of job security. Having no or little experience of unemployment was another background characteristic that was a relevant predictor of perceived job security across all three country clusters during the economic recession.

Another predictor of job security that was significant in all three country clusters was previous experience of unemployment. Interestingly, despite the different

employment and unemployment rates and even social spending across the country clusters presented in this paper, previous experience of unemployment stood out as a significant predictor of perceived job (in)security in all three country clusters.

Unsurprisingly, having an unlimited contract was a significant predictor of job security in all three country clusters. Näswall and De Witte (2003) found that type of employment (permanent or temporary) played a role in perceptions of job insecurity. Berglund et al. (2014) stated that temporary employees are much more likely to report cognitive job insecurity than permanent employees. Apart from the association between permanent contracts and job security, Scherer (2009) found that fixed-term contracts and the associated job insecurity exacerbated work-life conflict and economic pressure and lessened life satisfaction.

The last predictor that was significant across all the country clusters was the financial stability of the employing organization. According to Sinclair et al. (2010), the fundamental problem with the loss of a job is the risk of losing a main source of income, and the associated financial worries. It may be assumed that if the organization an employee works for appears to be financially stable and has reported no financial difficulties, this prevents financial worries and strengthens feelings of job security.

This paper has some limitations and strengths that should be mentioned. Regarding the limitations first, the measure of job security was a single item which enabled us to obtain an indication of perceived job security among respondents, but did not bring us closer to understanding whether job security is understood in the same way across country clusters. It did not tell us whether the former was purely related to the current job or to financial/employment security as well. Nor could it tell us whether it involved cognitive job security or affective job security. Second, the country cluster approach made for a simple design, but it prevented us from conducting a deeper examination of country-level variation.

Regarding the strengths, the findings of the study are based on representative ESS data and are a relevant contribution to job security research. One aspect is particularly noteworthy. The job security predictors were divided into three groups of characteristics, and the findings clearly indicate that different characteristics are a significant predictor of job security across country clusters. Moreover, testing one universal model on three country clusters enabled us to point out the differences and similarities. Rather than looking at just one context, we examined three different cluster contexts based on different social politics, cultural aspects and backgrounds. This comparative approach has already proved valuable in obtaining a better understanding of the social consequences of the different institutional arrangements that govern labour markets (Soskice, 1990; 1999; Esping Andersen, 1996; 2013). Our findings suggest that in investigating perceived job security, a comparative approach that looks at country clusters that are formed according to similarities regarding certain institutional settings allows for a better interpretation of results obtained at the national level.

To conclude, the findings of this study have specified significant predictors for each country cluster which could be further analyzed in greater detail, including once the related European policies have been designed. Moreover, there is a need for a wider discussion about the social indicators and the background characteristics as part of the psychology of well-being at the individual level, and of welfare sociology at the

country and societal level. We agree with Baranowski (2017) that subjective welfare develops within a particular context and needs to be considered very carefully otherwise it could lead to more negative than positive consequences. Thus, it is essential that further research on job security and its predictors and consequences is performed within many different contexts and under various conditions.

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APPENDIXTable 2: Logistic regression results for northern cluster:
partial and full models (Enter method)

northern country cluster							
dependent variable: job security		B	S.E.	Wald	df	Sig.	Exp(B)
Partial model: background characteristics	gender	-.121	.177	.466	1	.495	.886
	age	-.002	.009	.049	1	.824	.998
	education	.022	.024	.824	1	.364	1.022
	unemployment experience	-1.089	.270	16.242	1	.000	.337
	constant	1.214	.520	5.459	1	.019	3.367
	Nagelkerke R ² =0,033						
Partial model: job characteristics	contract	1.407	.283	24.693	1	.000	.245
	advancement	.264	.091	8.422	1	.004	1.303
	irreplaceability	-.042	.036	1.401	1	.237	.959
	employability	.077	.036	4.734	1	.030	1.080
	job complexity	-.110	.038	8.547	1	.003	.896
	constant	.841	.418	4.052	1	.044	2.319
Nagelkerke R ² =0,108							
Partial model: organizational characteristics	organizational meetings	.258	.075	11.910	1	.001	1.295
	organizational education	.496	.191	6.726	1	.009	1.641
	no financial difficulties	.285	.097	8.612	1	.003	1.329
	hiring employees	.224	.096	5.490	1	.019	1.251
	constant	-.820	.324	6.384	1	.012	.441
Nagelkerke R ² =0,095							
Full model	gender	-.087	.198	.191	1	.662	.917
	age	-.004	.010	.167	1	.683	.996
	education	.010	.026	.146	1	.702	1.010
	unemployment experience	-.825	.319	6.687	1	.010	.438
	contract	1.199	.317	14.342	1	.000	.301
	advancement	.149	.099	2.232	1	.135	1.160
	irreplaceability	-.032	.038	.725	1	.395	.968
	employability	.067	.038	3.054	1	.081	1.069
	job complexity	-.100	.039	6.408	1	.011	.905
	organizational meetings	.220	.081	7.436	1	.006	1.246
	organizational education	.370	.205	3.258	1	.071	1.448
	no financial difficulties	.223	.103	4.742	1	.029	1.250
	hiring employees	.249	.101	6.097	1	.014	1.283
	constant	-.594	.806	.542	1	.461	.552
	Nagelkerke R ² =0,172						

Table 3: Logistic regression results for southern cluster:
partial and full models (Enter method)

southern country cluster							
dependent variable: job security		B	S.E.	Wald	df	Sig.	Exp(B)
	gender	-.101	.112	.813	1	.367	.904
	age	.040	.006	44.855	1	.000	1.041
	education	.087	.012	51.825	1	.000	1.091
Partial model:	unemployment experience	-1.662	.160	107.372	1	.000	.190
background	constant	-2.148	.328	42.832	1	.000	.117
characteristics	Nagelkerke R ² =0,191						
	contract	1.943	.163	142.295	1	.000	.143
	advancement	.217	.058	13.863	1	.000	1.242
	irreplaceability	-.042	.025	2.943	1	.086	.958
	employability	-.021	.023	.869	1	.351	.979
Partial model:	job complexity	-.014	.028	.244	1	.622	.986
job	constant	.482	.305	2.500	1	.114	1.619
characteristics	Nagelkerke R ² =0,176						
	organizational meetings	.130	.048	7.274	1	.007	1.139
	organizational education	.762	.130	34.490	1	.000	2.143
	no financial difficulties	.255	.062	16.899	1	.000	1.291
Partial model:	hiring employees	.226	.072	9.676	1	.002	1.253
organizational	constant	-1.152	.209	30.458	1	.000	.316
characteristics	Nagelkerke R ² =0,081						
	gender	-.037	.131	.081	1	.775	.963
	age	.041	.007	32.121	1	.000	1.041
	education	.061	.015	17.276	1	.000	1.063
	unemployment experience	-1.162	.203	32.662	1	.000	.313
	contract	1.414	.201	49.493	1	.000	.243
	advancement	.165	.067	6.072	1	.014	1.180
	irreplaceability	-.038	.028	1.771	1	.183	.963
	employability	-.036	.026	1.951	1	.162	.964
	job complexity	-.034	.032	1.117	1	.291	.967
	organizational meetings	.074	.058	1.632	1	.201	1.077
	organizational education	.703	.160	19.400	1	.000	2.019
	no financial difficulties	.276	.072	14.695	1	.000	1.318
	hiring employees	.133	.084	2.502	1	.114	1.142
	constant	-2.937	.602	23.806	1	.000	.053
Full model	Nagelkerke R ² =0,301						

Table 4: Logistic regression results for Visegrad cluster:
partial and full models (Enter method)

Visegrad country cluster		B	S.E.	Wald	df	Sig.	Exp(B)
dependent variable: job security							
	gender	-.193	.097	3.931	1	.047	.824
	age	.002	.004	.231	1	.631	1.002
	education	.057	.017	11.366	1	.001	1.058
Partial model:	unemployment experience	-.567	.132	18.553	1	.000	.567
background	constant	-.556	.318	3.055	1	.080	.574
characteristics	Nagelkerke R ² =0,028						
	contract	.512	.127	16.241	1	.000	.599
	advancement	.369	.055	45.059	1	.000	1.447
	irreplaceability	.126	.022	33.841	1	.000	.882
	employability	.086	.021	16.312	1	.000	1.089
Partial model:	job complexity	-.088	.023	13.911	1	.000	.916
job	constant	-.098	.243	.162	1	.687	.907
characteristics	Nagelkerke R ² =0,135						
	organizational meetings	.217	.040	29.473	1	.000	1.242
	organizational education	.039	.128	.091	1	.763	1.039
	no financial difficulties	.206	.057	13.044	1	.000	1.229
Partial model:	hiring employees	.251	.063	15.857	1	.000	1.286
organizational	constant	-1.411	.214	43.644	1	.000	.244
characteristics	Nagelkerke R ² =0,068						
	gender	-.042	.123	.115	1	.735	.959
	age	.010	.006	2.960	1	.085	1.010
	education	.030	.023	1.818	1	.178	1.031
	unemployment experience	-.409	.174	5.551	1	.018	.664
	contract	.335	.163	4.245	1	.039	.715
	advancement	.372	.064	33.580	1	.000	1.451
	no replacement	.115	.025	22.063	1	.000	.891
	employability	.074	.024	9.238	1	.002	1.077
	job complexity	-.085	.026	10.297	1	.001	.919
	organizational meetings	.211	.046	20.955	1	.000	1.235
	organizational education	-.157	.148	1.124	1	.289	.855
	no financial difficulties	.182	.066	7.638	1	.006	1.200
	hiring employees	.238	.072	11.010	1	.001	1.268
	constant	-2.259	.569	15.756	1	.000	.104
Full model	Nagelkerke R ² =0,197						