MOHOK

Social and emotional skills of adults- evidence from PIAAC in Slovakia

Oľga Zelmanová & Zuzana Wirtz, CVTI SR

MONITOROVANIE A HODNOTENIE ÚROVNE KĽÚČOVÝCH KOMPETENCIÍ DOSPELÝCH (MOHOK)

Spolufinancovaný Európskou úniou

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Tento projekt je spolufinancovaný Európskou úniou v rámci Programu Slovensko

Sample, Methods & Purpose

- International representative research of adults – PIAAC OECD 2023.
- Data of adults 16-65: Slovak (N= 5238), EU countries + England.
- Focus: Social and emotional skills = BIG V – Consciousness, Emotional stability, Agreeableness, Extraversion, Open-mindedness.
- Methods: descriptive, comparative analysis, t- tests, ANOVA, correlations, clustering, structural modeling in AMOS & SPSS Statistics.
- Aim:
  - compare BIG V skills by sociodemographic groups and by education,
  - examine correlations of BIG V with life, job satisfaction, employment status, health,
  - create human profiles to identify vulnerable groups in Slovakia,
  - apply structural modeling to explain life satisfaction.

  - **Use results for recommendations for Slovak Ministry of Education, lifelong learning department.**

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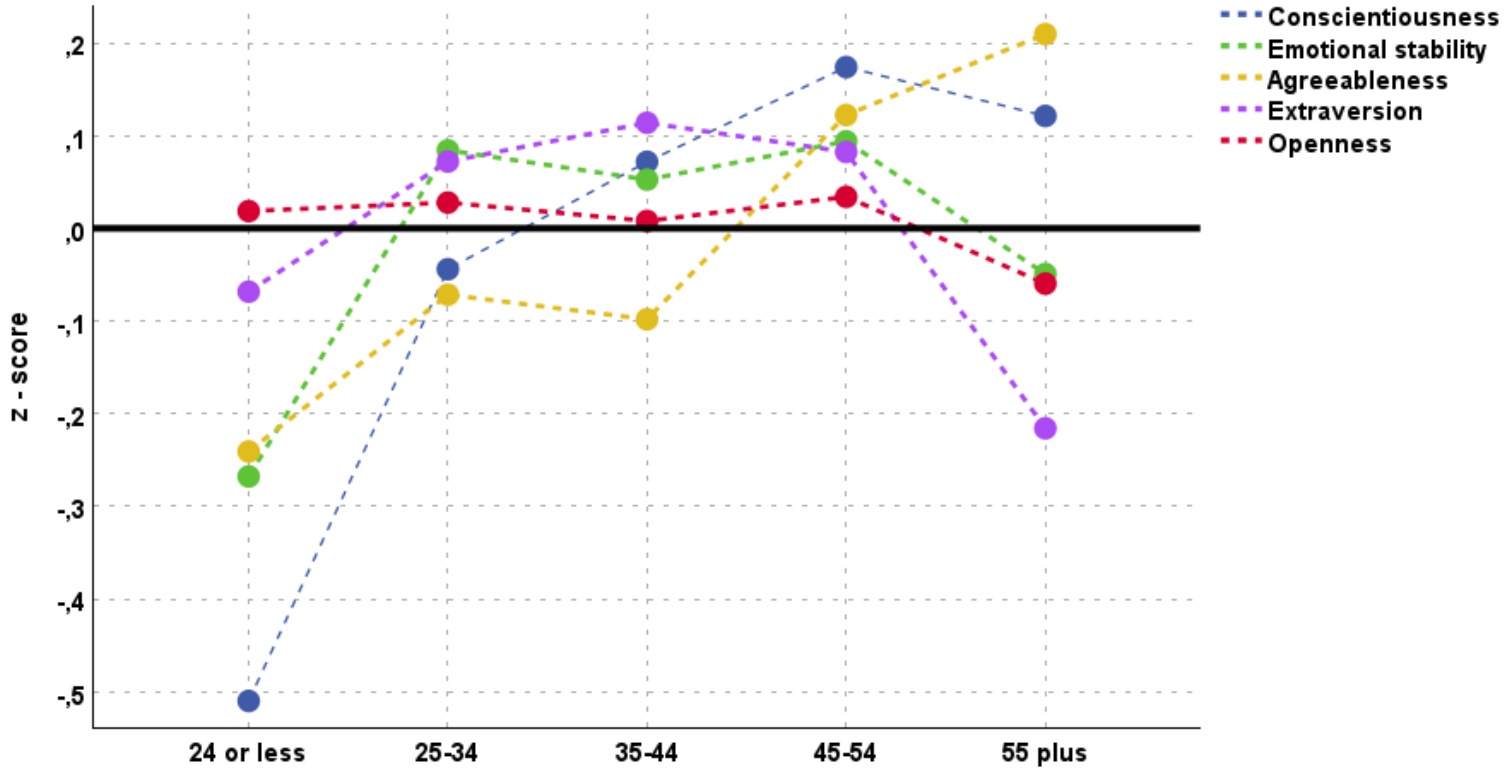
BIG V by age in Slovakia



AGEG10LFS		
SLOVAKIA	%	Cumul. %
1 24 or less	14	14
2 25-34	19	33
3 35-44	23	56
4 45-54	22	78
5 55 plus	22	100
Total	100	

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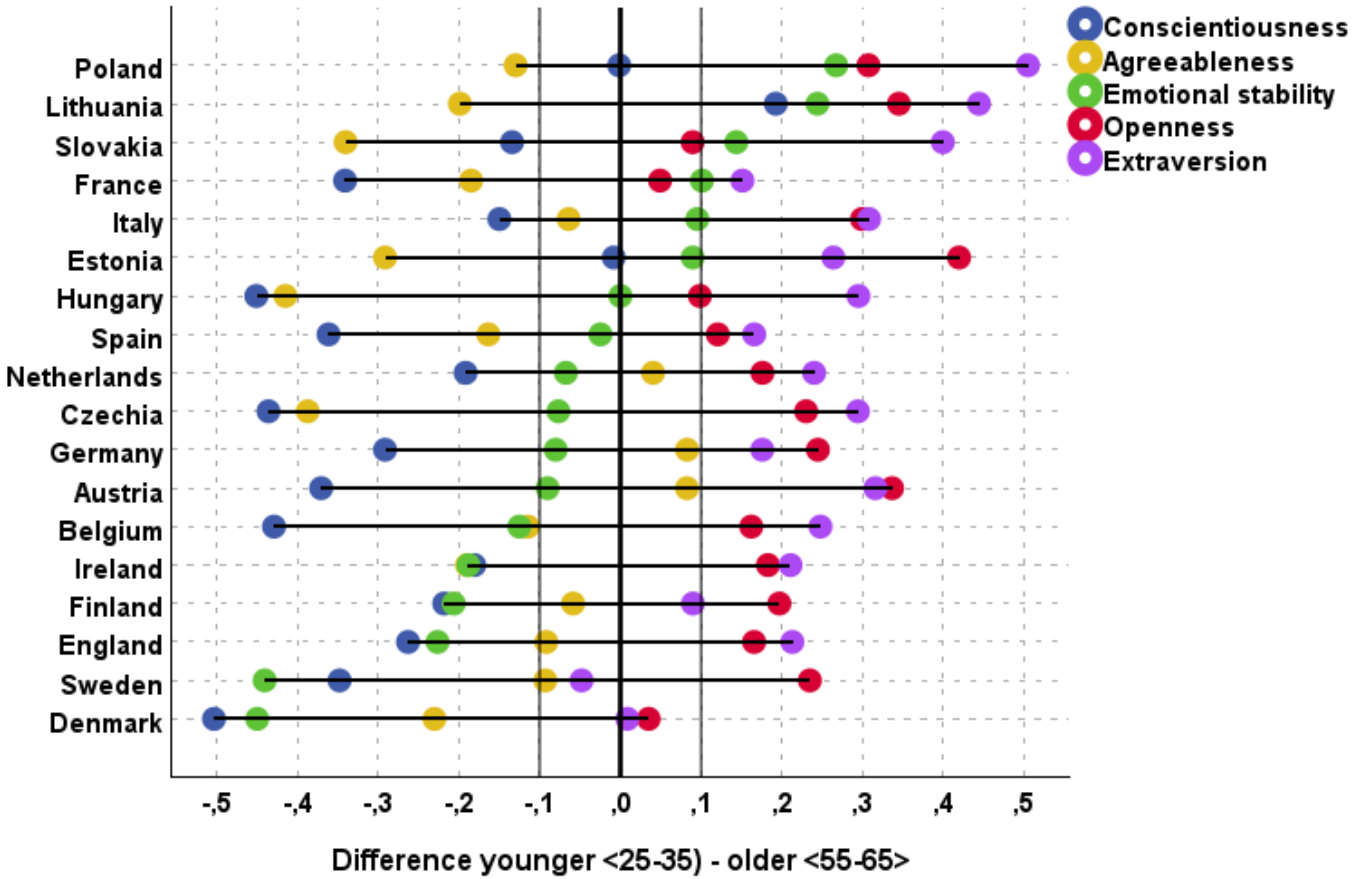
BIG V between younger and older age groups



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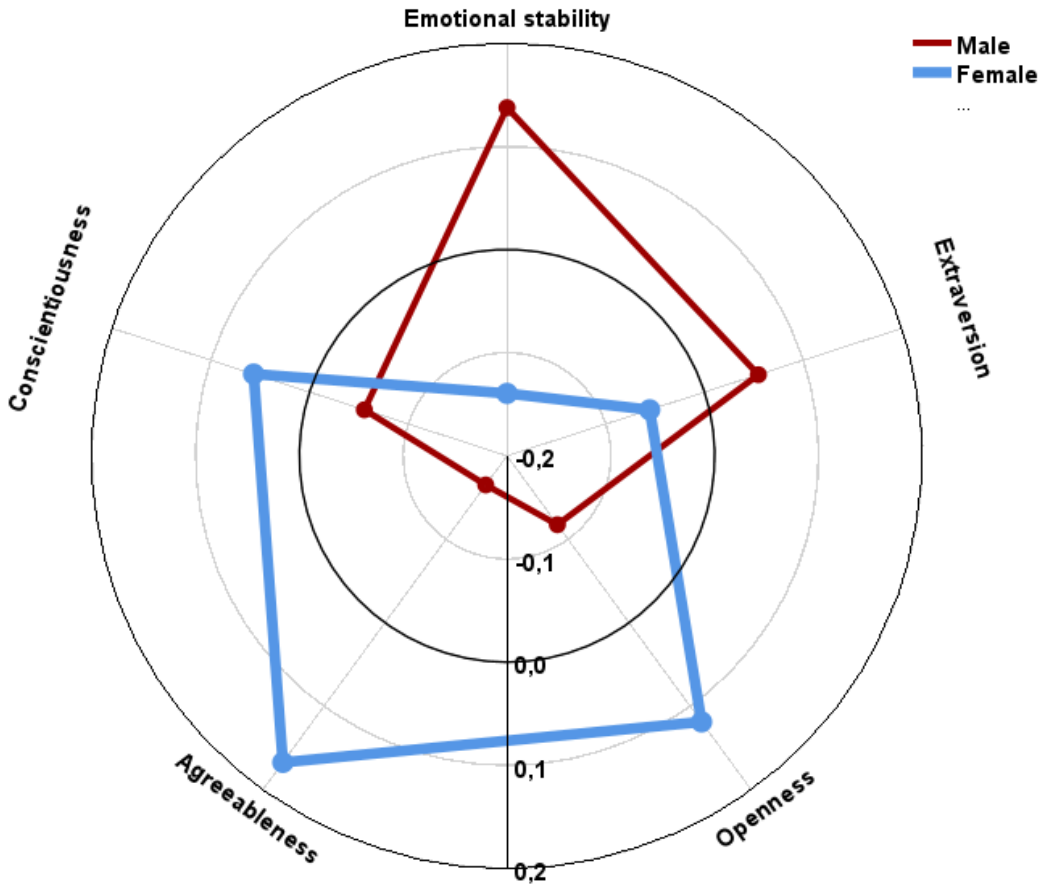
BIG V dimensions by gender in Slovakia



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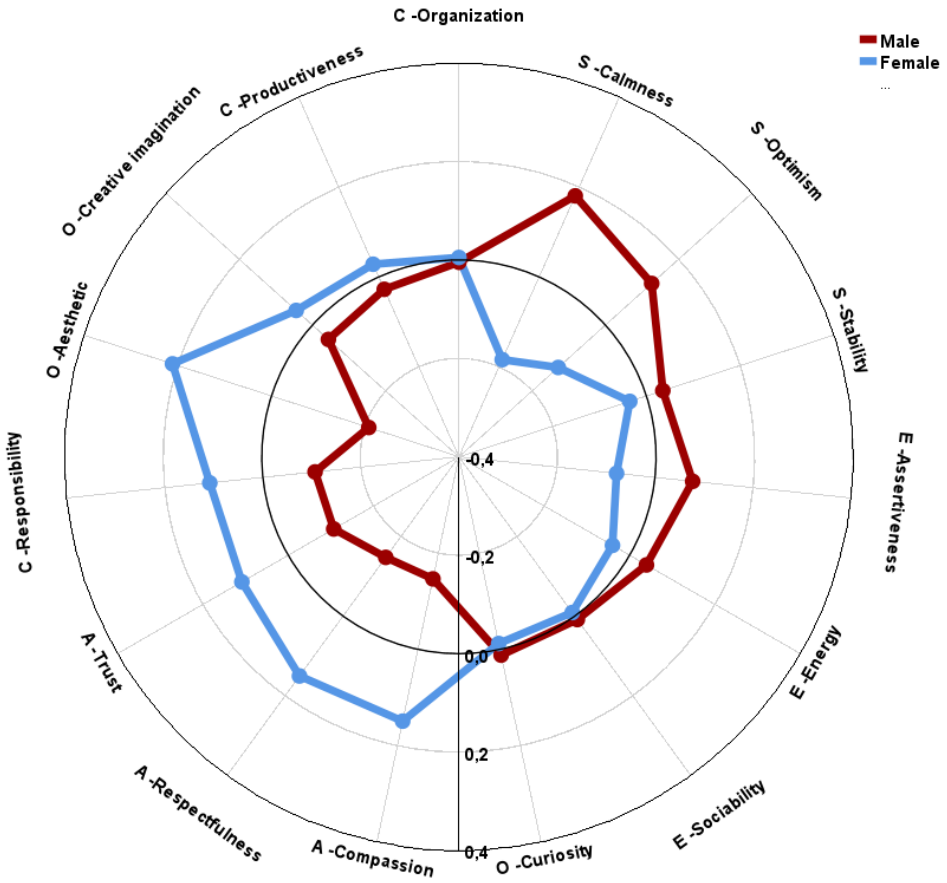
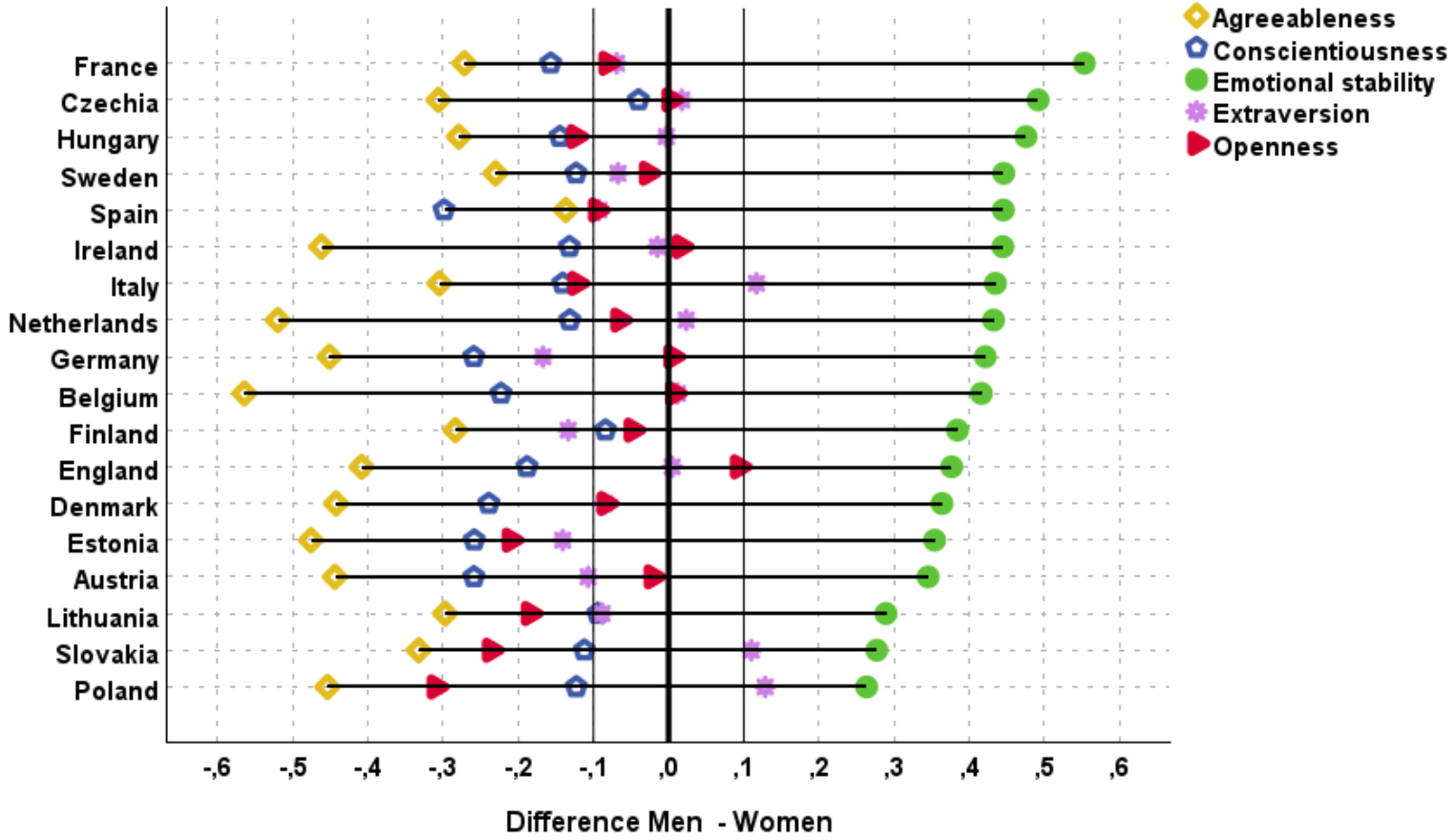
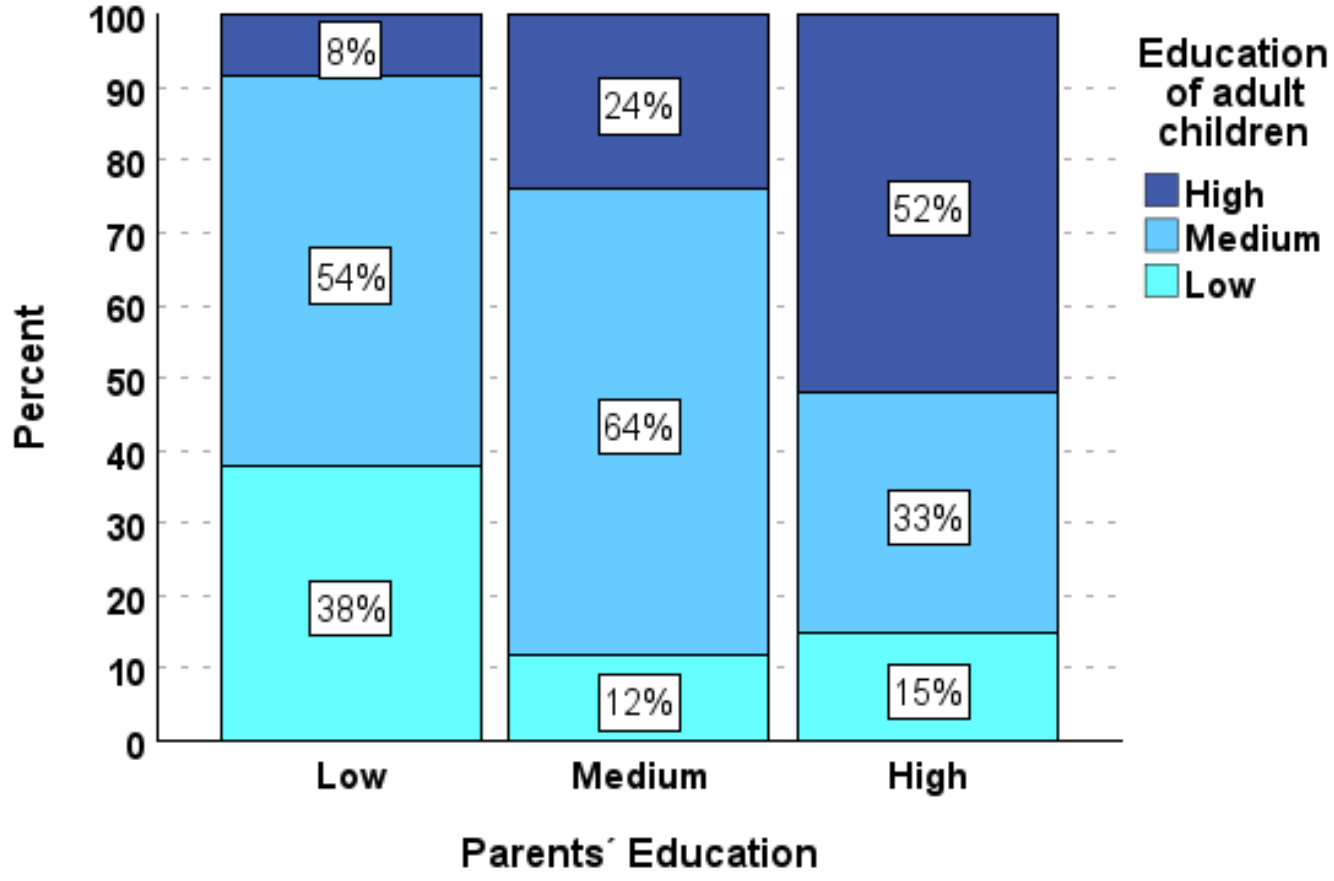
BIG V traits by gender in Slovakia



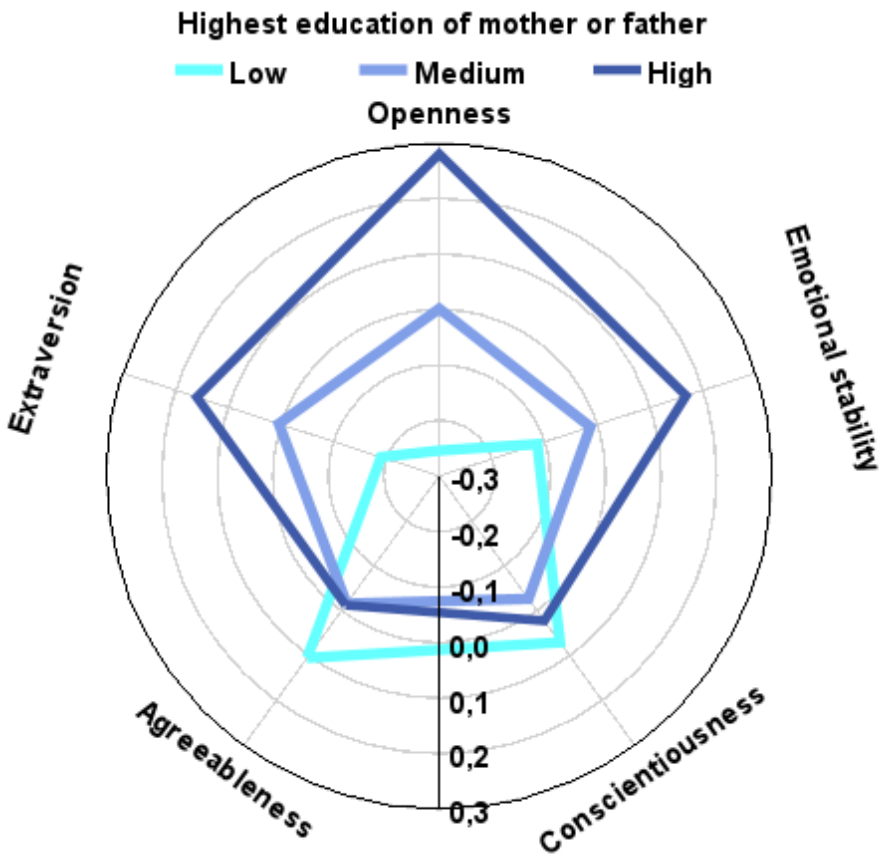
Differences in BIG V by gender

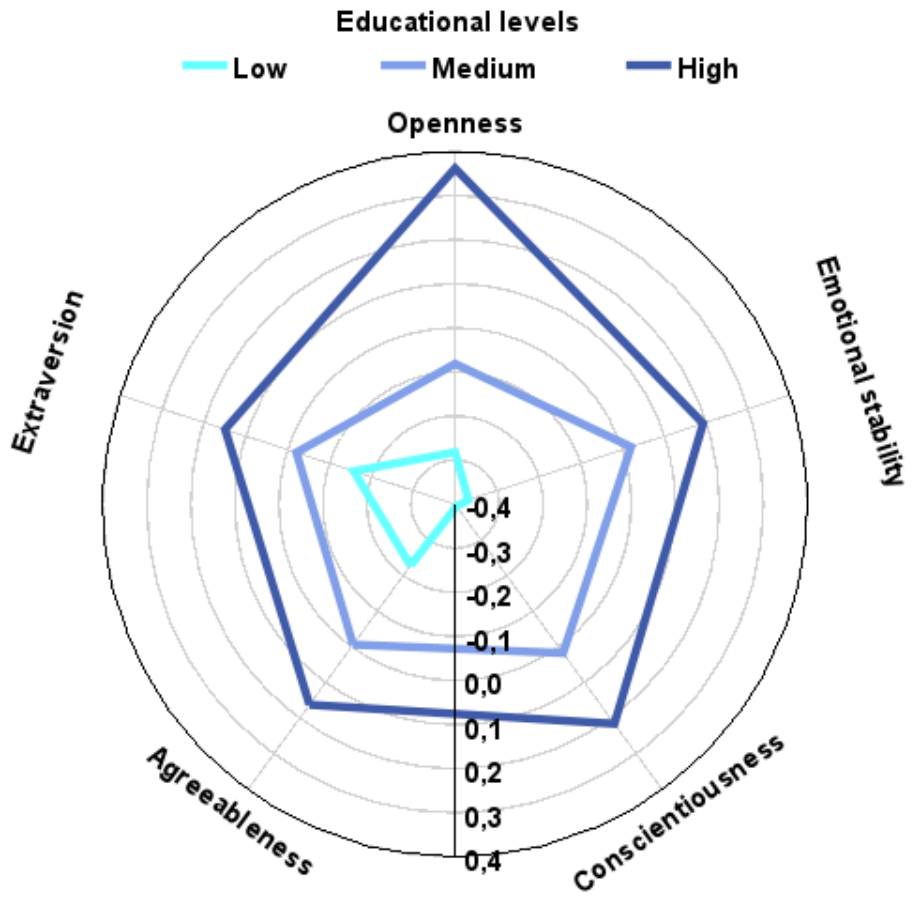


Education of adults and their parents - Slovakia

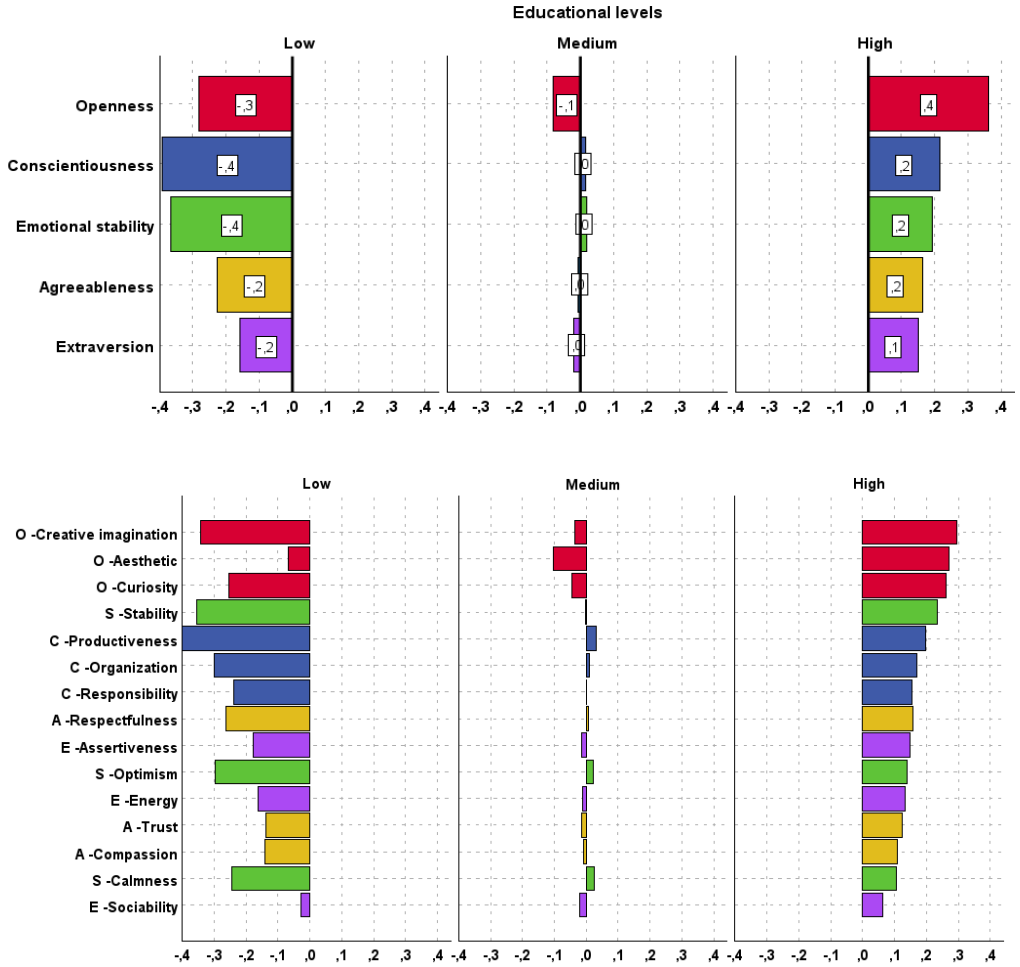


BIG V by education of respondents ' parents and of adults - SVK

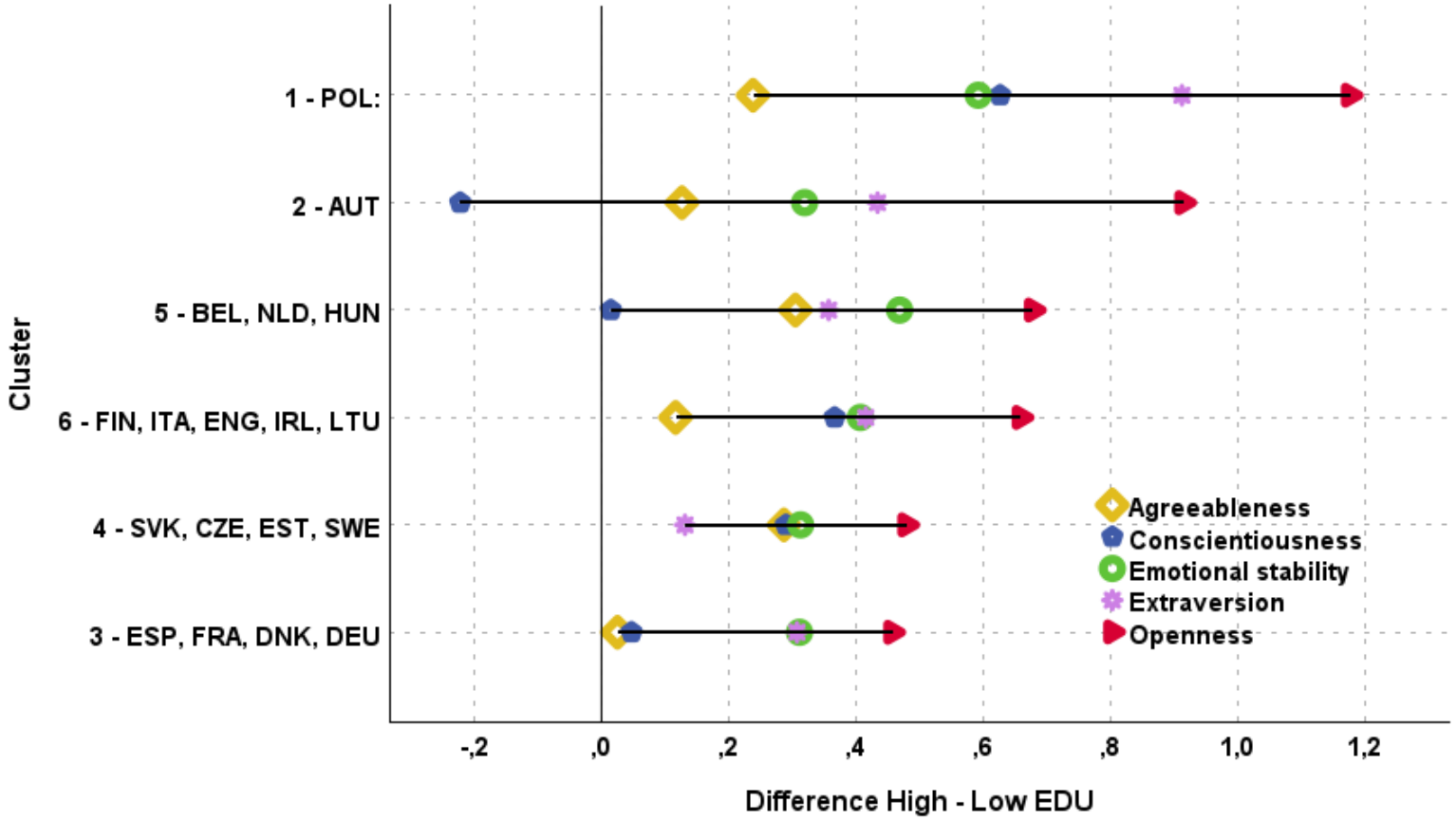




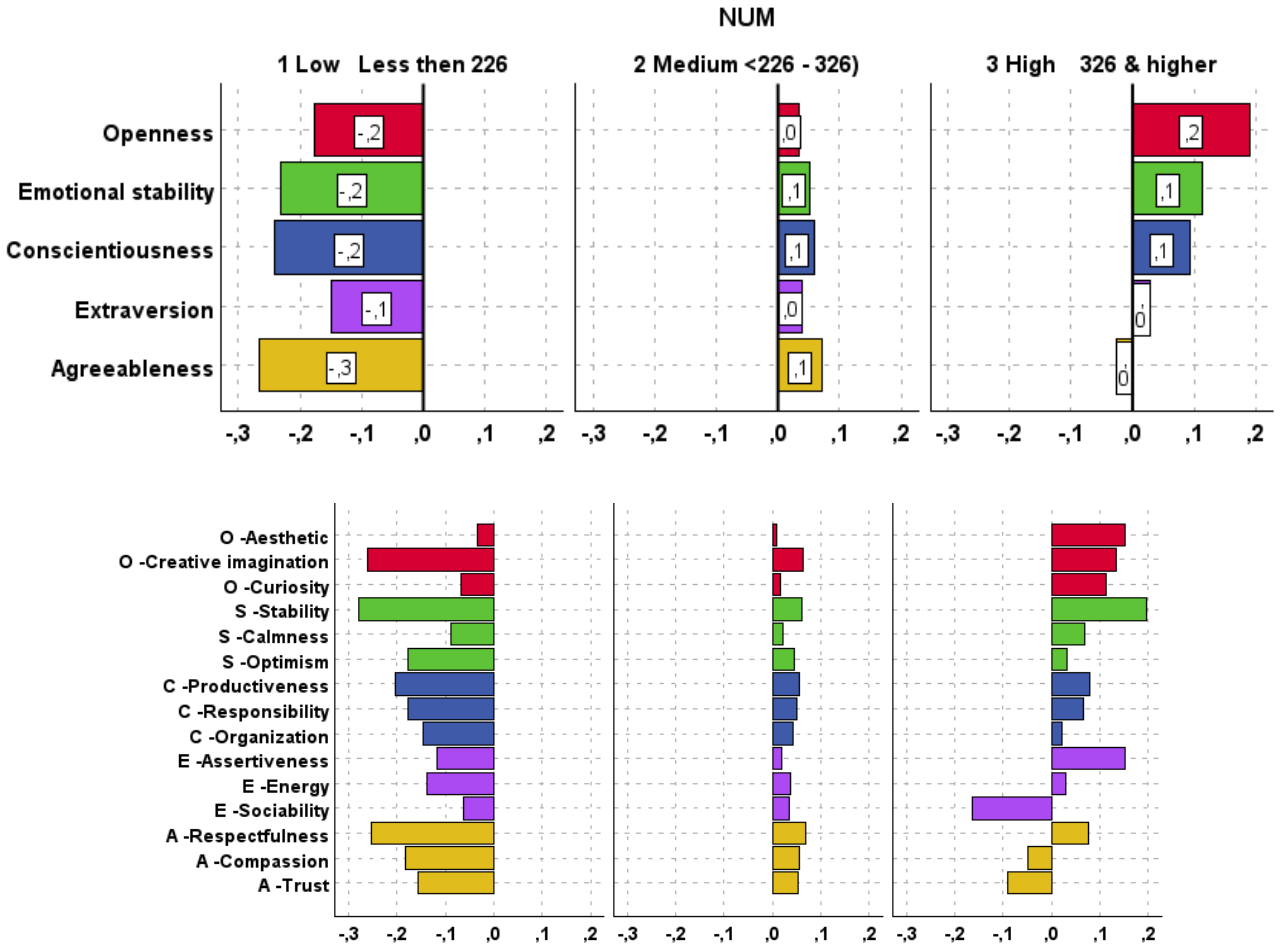
BIG V by Education of adults - SVK



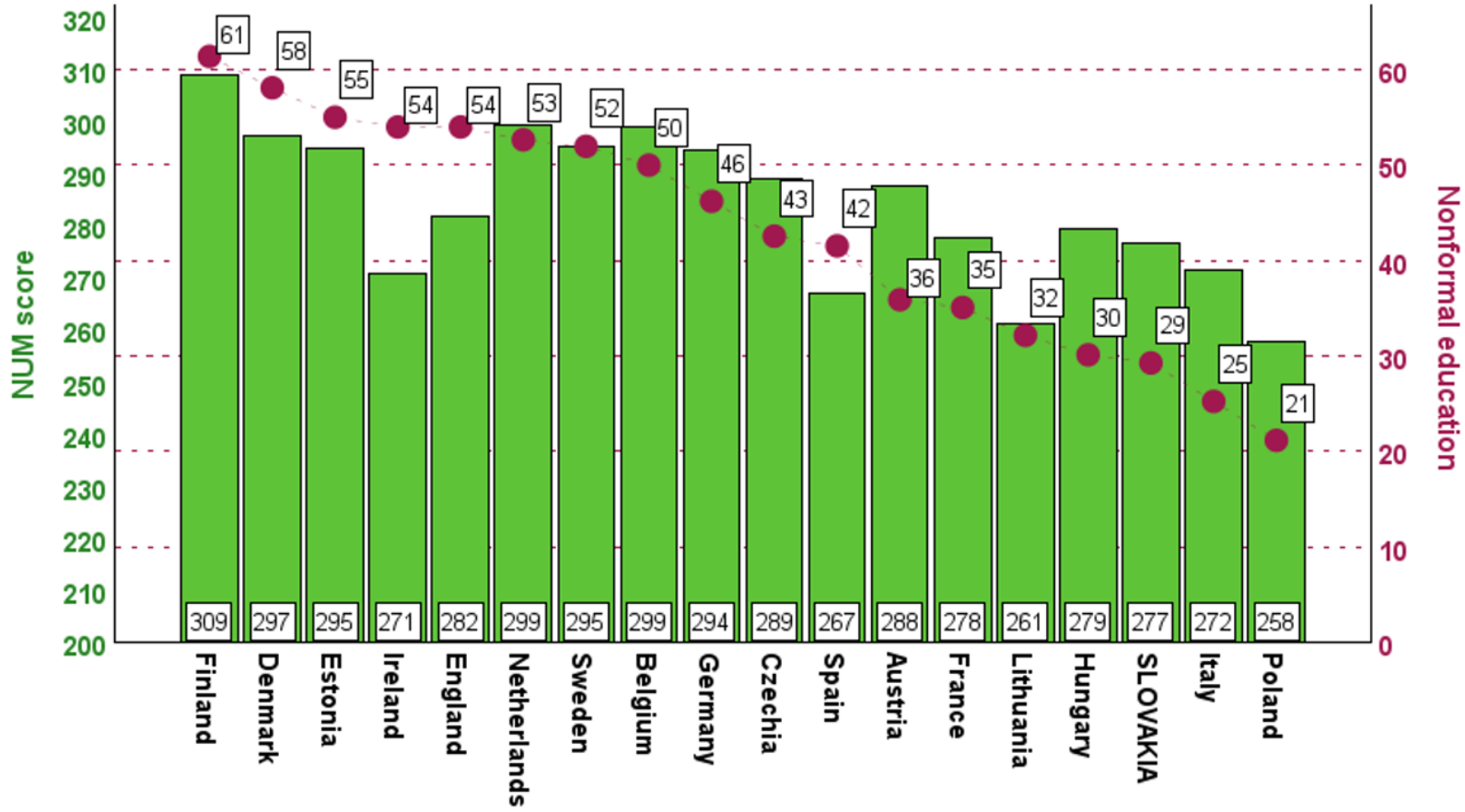
Clusters of BIG V differences between high and low educated adults



BIG V by numeracy level - SVK

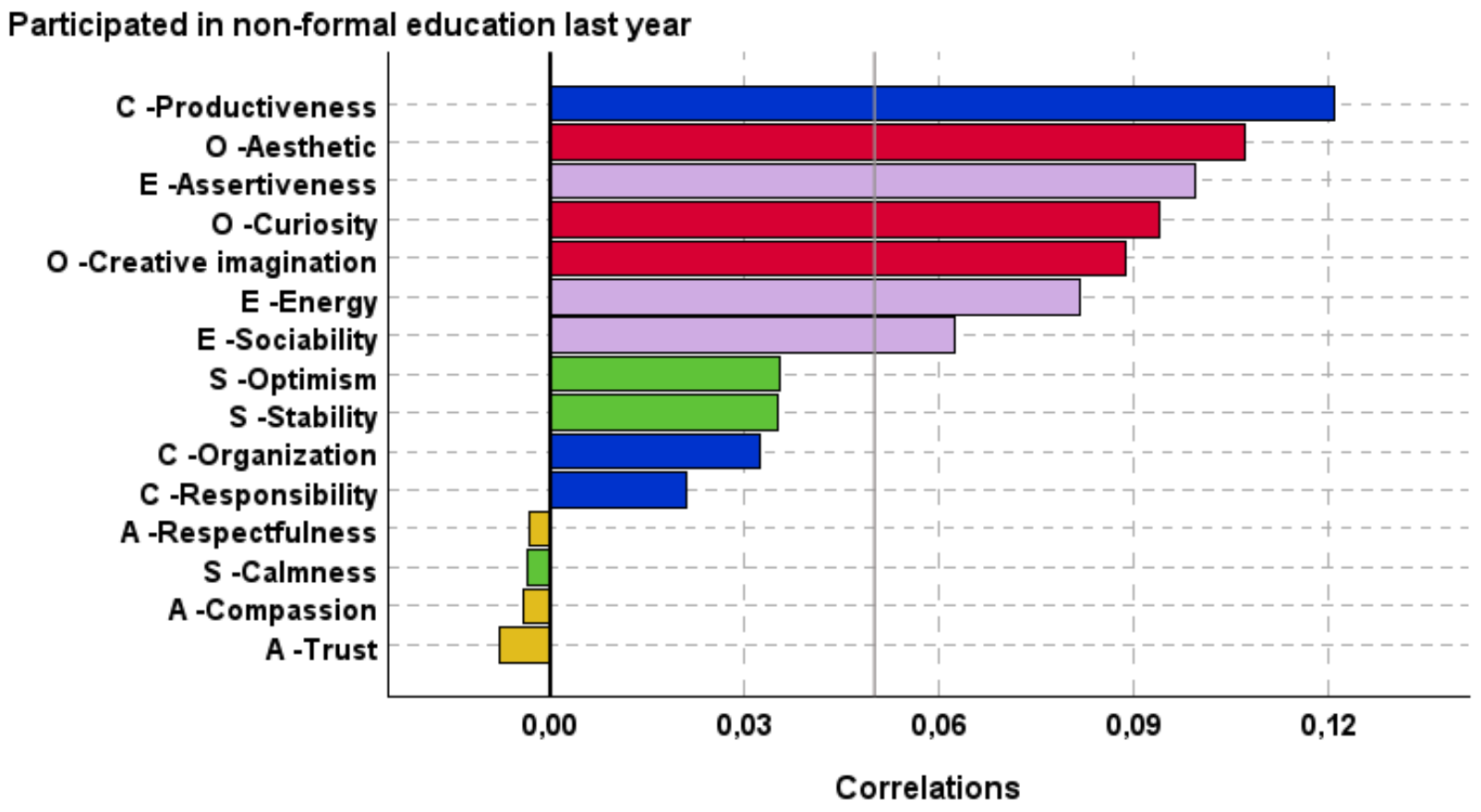


Numeracy and Non-formal education



Countries are ranked in descending order based on the percentage share of adults participating in non-formal education

BIG V and Non-formal education - SVK



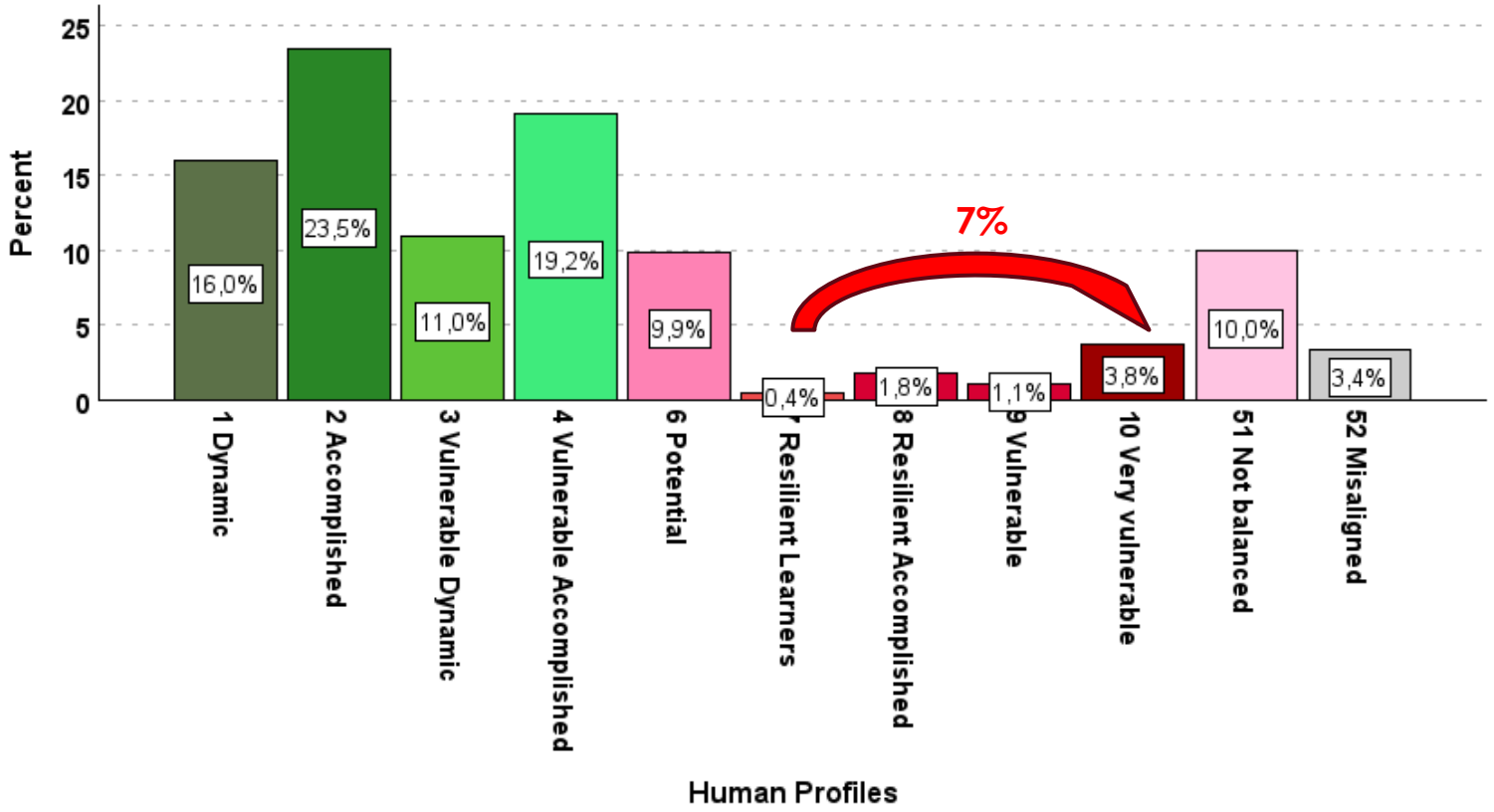
Profiles of adults - Slovakia

Areas used to create Profiles:

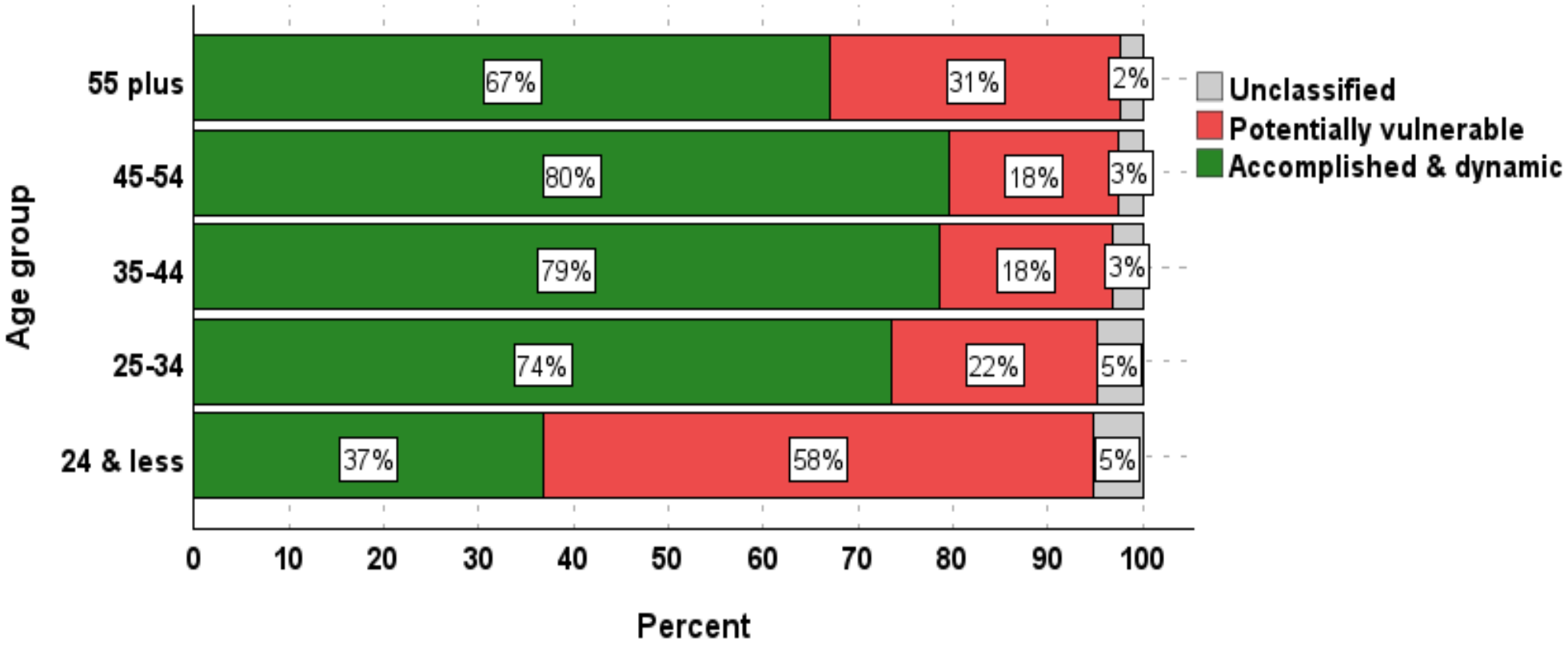
- **Schooling**: low level (EDLEVEL=1) vs. medium+high level (EDLEVEL=2,3)
- **Learning**: formal or non-formal in last 12 months vs. none
- **Numeracy:** low performers = level 1 and below, (score 0-226) vs. higher performers = level 2 and above, (score >=226)
- **BIG V**: positive personality =3+ traits above average > 0 vs. negative personality =3+ traits below average <= 0

		Profiles	Schooling	Learning	Numeracy level	BIG V	
Accomplished & Dynamic	1	Dynamic	Medium +high	Yes	Higher	Positive	70%
	2	Accomplished	Medium+high	No	Lower	Positive	
	3	Vulnerable Dynamic	Medium+high	Yes	Hgher	Negative	
	4	Vulnerable Accomplished	Medium+high	No	Higher	Negative	
Potentially vulnerable	6	Potential	Low	-	Higher	-	27%
	7	Resilient learners	Low	Yes	Lower	Positive	
	8	Resilient accomplished	Low	No	Lower	Positive	
	9	Vulnerable	Low	No	Lower	Negative	
	10	Very vulnerable	Low	No	Lower	Negative	
	51	Not balanced	Medium+high	No	Lower	Negative	
Misaligned	52	Misaligned	Medium+high	Yes	Lower	Negative	3%

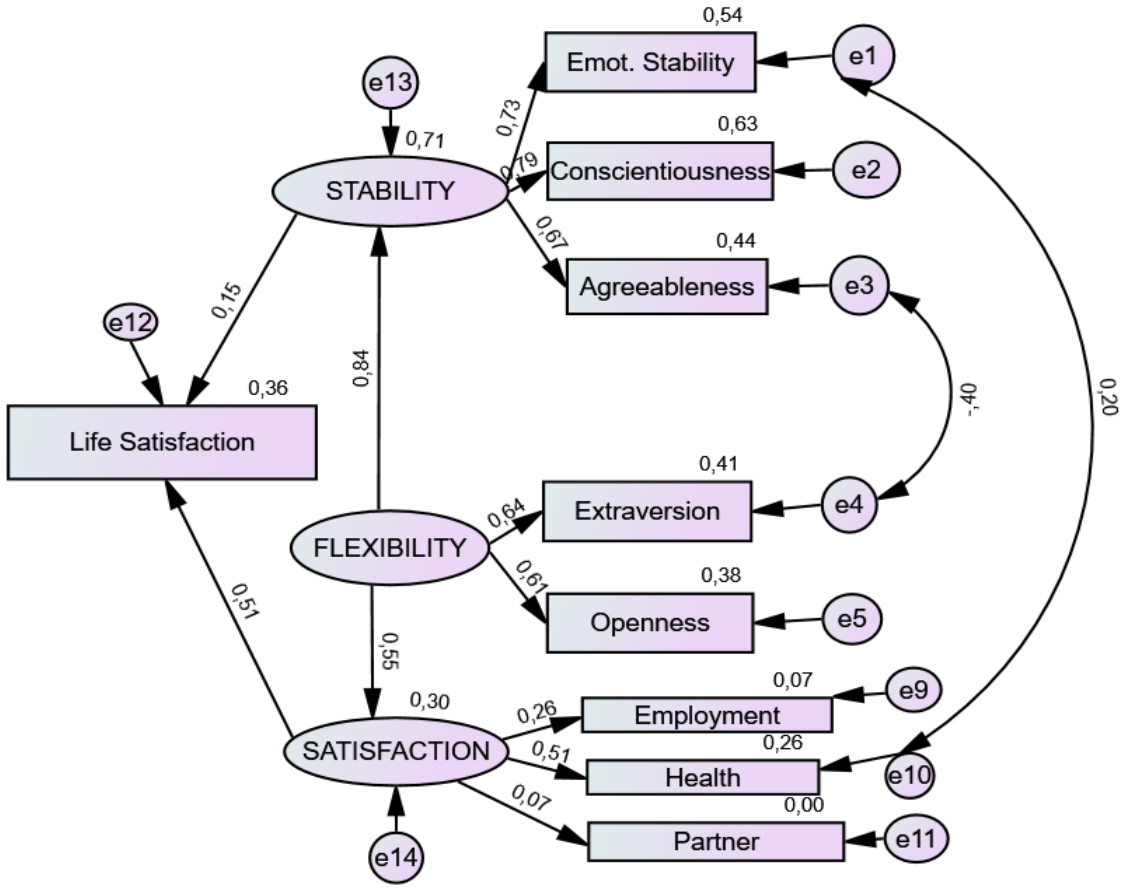
Profiles of adults - Slovakia



Profiles by age - Slovakia



Structural model – Life satisfaction - Slovakia



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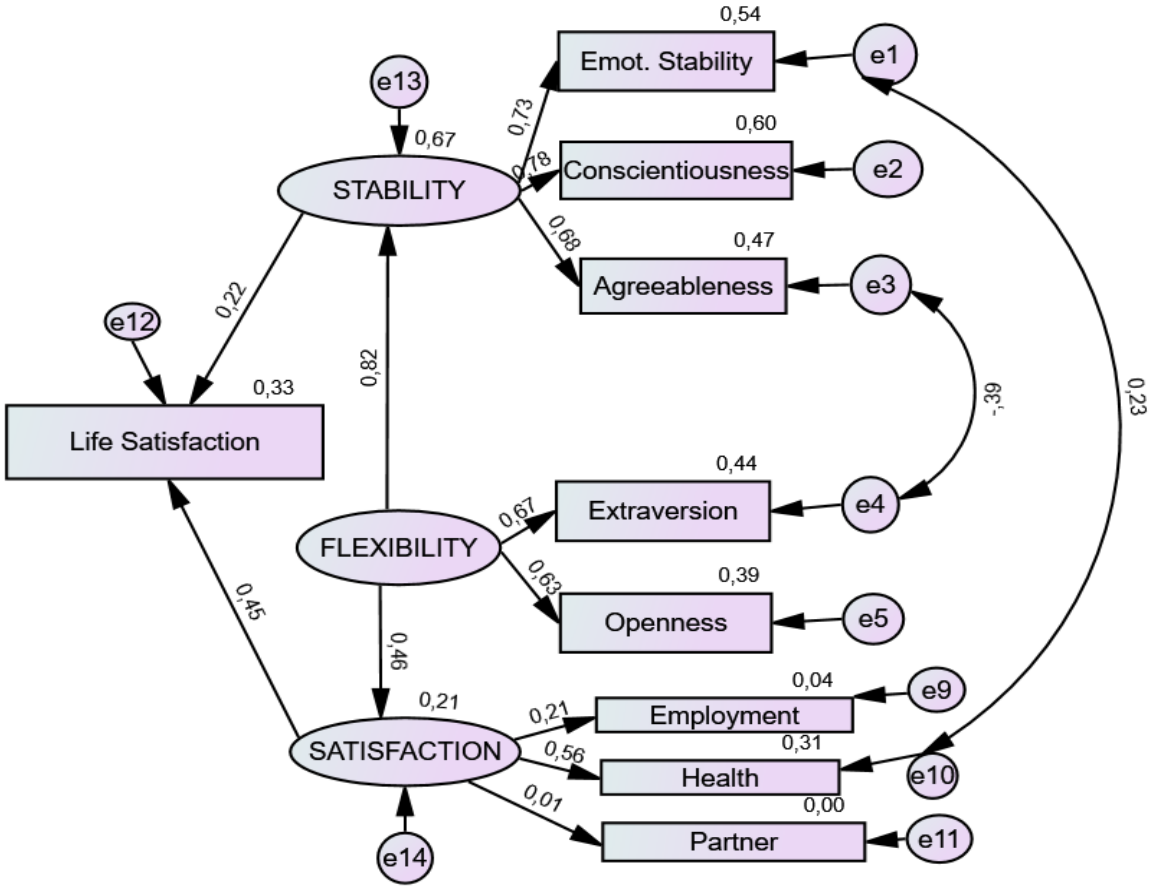
Female - Structural model – Life satisfaction - Slovakia



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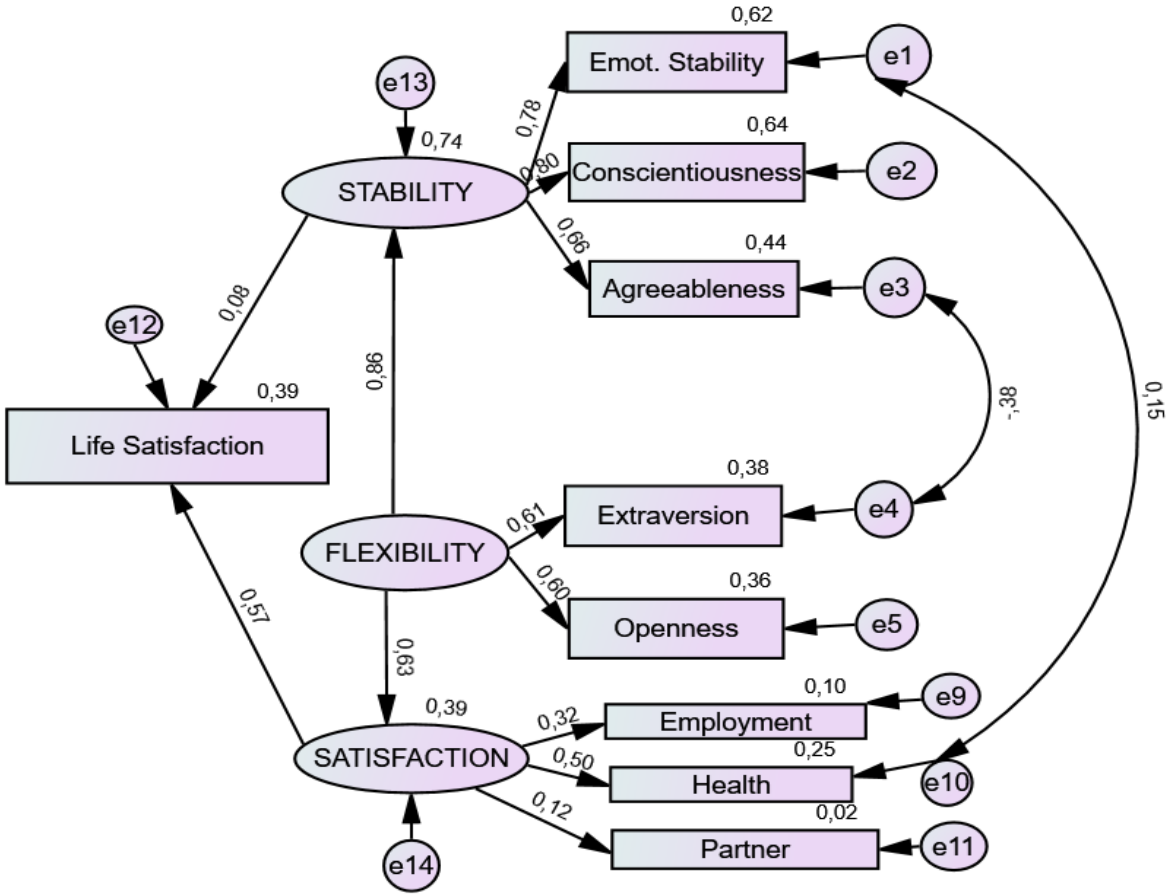
Male - Structural model – Life satisfaction - Slovakia



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Recommendations based on results – Slovakia

For Ministry of Education - Lifelong learning department & policy-makers

Training and support for young people under 25

- include socio-emotional training in the school curriculum as a part of formal education especially in Consciousness (traits organization, productiveness, responsibility), Stability and Agreeableness (respectfulness, compassion)
- improve teachers´ status, learning and training opportunity

Training and support for adults

- socio-emotional training in nonformal education of adults particularly in reskilling programs.
- low educated - focus on strengthening Emotional stability, Consciousness and Openness.
- targeted outreach of adults and financial incentives, such as individual learning accounts, micro certificates
- training and support for older over 54 in Openness and Stability

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Thank you for your attention

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