



Project

“Heroes and she-roes”: Knowledge for analysis of and advocacy for equal pay for women and mothers in Macedonia (SHE-ROES)

Training

“Econometric methods for survey data analysis”

Venue: The Vienna Institute for International Economic Studies, Rahlgasse 60, 1060 Wien, Austria

Dates: 28-30 January 2016

Attendants (FT): Blagica Petreski, Despina Tumanoska, Tereza Kochovska, Ivan Vchkov, Marjan Petreski

Trainers (wiiw): Sandra Leitner, Sebastian Leitner, Amat Adarov, Mahdi Ghodsi, Alexandra Bykova

Thursday, January 28, 2016

09.00 – 10.00 – Introduction to the statistical databases of wiiw - Alexandra Bykova

10.00 – 11.00 – Practical skills for access and usage of wiiw data, with reference to data relevant for wage analysis – Alexandra Bykova

11.00 – 11.30 – Coffee break

11.30 – 12.00 – Introducing the Survey of Income and Living Conditions (SILC) Macedonia – Marjan Petreski, Sandra Leitner

12.00 – 13.30 – Presentation of the previous work done on the analysis of the gender and motherhood wage gaps in Macedonia, Marjan Petreski, Blagica Petreski

13.30 – 14.30 – Lunch time

14.30 – 16.00 – Econometric methods for the analysis of the wage gaps, Sandra Leitner, Sebastian Leitner

16.00 – 17.30 - Elements of applied time-series econometrics: AR(DL), VAR, VEC, extensions to VAR: SVAR, GVAR (time permitting) - Amat Adarov

Friday, January 29, 2016

09.00 – 10.00 – Beeps data, CDM model (endogeneity) - Sandra Leitner

10.00 – 11.00 – Beeps data, CDM model (Heckman selection) - Sandra Leitner

11.00 – 11.30 – Coffee break

11.30 – 13.00 – Break (free time)

13.30 – 14.30 – Lunch time

14.30 – 16.00 – An introduction to panel analysis: unobserved heterogeneity; pooled OLS, FE, RE - Sandra Leitner

16.00 – 18.00 - Gravity, Panel, Poisson, GMM - Mahdi Ghodsi

Saturday, January 30, 2016

10.00 – 11.30 – Exercises in stata: how to calculate the gender wage gap with SILC

11.30 – 13.00 – Exercises in stata: how to calculate the motherhood wage gap with SILC

13.00 – 14.00 – Lunch time

14.00 – 16.00 – Exercises in stata: decompositions with SILC



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Research stay

1. Application of econometric methods for wage gaps analysis in Macedonia
2. Administrative-technical skill transfer for running a think tank
3. Meetings for input to the advocacy strategy

Venue: The Vienna Institute for International Economic Studies, Rahlgasse 60, 1060 Wien, Austria

Dates: 29 January – 3 February 2016

Friday, January 29, 2016

11.30 – 13.00 – Meeting between the managements of the two institutions: introduction of the process of running wiiw; practical skills for using software for calculating load of employees

Blagica Petreski, Tereza Kochovska, Elizabeth Hagen

Sunday, January 31, 2016

Preparatory work (preparation of the modelling exercise; initial plan for the study/manual on wage gaps)

Blagica Petreski, Despina Tumanoska

Monday, February 1, 2016

09.00 – 11.00 – Meeting with Ms. Eva Burger from the Austrian Federal Ministry for Education and Women

Blagica Petreski, Despina Tumanoska

11.00 – 16.00 – Working on SILC – preparation of data to enter the model; Joint work on the Austrian SILC – learned lessons and wiiw experience with micro-surveys

Blagica Petreski, Despina Tumanoska, Sebastian Leitner

Tuesday, February 2, 2016

09.00 – 16.00 – Application of the Heckman procedure on the Macedonian SILC data

Blagica Petreski, Despina Tumanoska, Sandra Leitner, Sebastian Leitner

Wednesday, February 3, 2016

09.00 – 16.00 – Application of the decomposition procedures on the Macedonian SILC data

Blagica Petreski, Despina Tumanoska, Sandra Leitner