



PERSONAL INFORMATION

**Petra Međimurec**



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Sex Female | Nationality Croat

CURRENT POSITION

**Assistant Professor at the Department of Demography**

WORK EXPERIENCE

2022–

**Assistant Professor**

University of Zagreb, Faculty of Economics & Business, Department of Demography, Zagreb (Croatia)

- Research work
- Teaching

Business or sector High education

2018–2022

**Postdoc Teaching Assistant**

University of Zagreb, Faculty of Economics & Business, Department of Demography, Zagreb (Croatia)

- Research work
- Teaching (seminar lessons): Demography (Croatian and English taught; obligatory and elective), Demographic Methods and Models, Principles of Demography (as of 2017/2018)

Business or sector High education

2014–2018

**Teaching Assistant**

University of Zagreb, Faculty of Economics & Business, Department of Demography, Zagreb (Croatia)

- Research work
- Teaching (seminar lessons): Demography (Croatian and English taught; elective), Demographic Methods and Models

Business or sector High education

2013–2014

**Junior Specialist in Modelling and Analysis**

Zagrebačka banka, UniCredit Group, Zagreb (Croatia)

- Data scientist
- Predictive analytics

Business or sector Banking

EDUCATION

2012–2017

**PhD**

University of Zagreb, Faculty of Economics & Business, Zagreb (Croatia)

- Social Sciences
- Economics/Demography
- Thesis: "Demography of Divorce in Croatia" (supervisor: Ivan Čipin, Assistant Professor)

2011–2012 **Master's Degree**  
University of Zagreb, Faculty of Economics & Business, Zagreb (Croatia)  
Field of study: Economics/Demography

2007–2011 **Bachelor's Degree**  
University of Zagreb, Faculty of Economics & Business, Zagreb (Croatia)  
Field of study: Economics/Demography

#### TRAINING

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July 2022 **Advanced Methods for Causal Inference – online course**  
Max Planck Institute for Demographic Research (Certificate awarded by the International Advanced Studies in Demography Research Training Program and the International Max Planck Research School for Population, Health and Data Science)

April 2022 **Introduction to Latent Class Analysis**  
A course held within the SHARE-COVID19 project at the Faculty of Economics & Business Zagreb

October 2021 **Sequence Analysis in the Social Sciences**  
GESIS Leibniz Institute for the Social Sciences, GESIS workshop offered by GESIS Training (the workshop was held online)

March 2021 **Causal inference with observational data: Dealing with unobserved variables and reverse causality**  
Universitat Pompeu Fabra, Barcelona, Research and Expertise Centre for Survey Methodology (RECSM), RECSM Winter Methods School 2021 (the course was held online)

November 2020 **Topics in Digital and Computational Demography – online course**  
Max Planck Institute for Demographic Research (Certificate awarded by the International Advanced Studies in Demography Research Training Program and the International Max Planck Research School for Population, Health and Data Science)

October 2020 **Stata programming**  
Online training course, organized by TStat Training, TStat S.r.l.

September 2020 **Up and running in Stata**  
Online training course, organized by TStat Training, TStat S.r.l.

July 2020 **Data visualization – the art/skill cocktail – online course**  
Max Planck Institute for Demographic Research (Certificate awarded by the International Advanced Studies in Demography Research Training Program and the International Max Planck Research School for Population, Health and Data Science)

January – February 2020 **Introduction to Panel Data Using Stata**  
Stata Training, NetCourse 471

November 2019 **Data Manipulation in R [Croatian taught: Priprema podataka u R-u]**  
University of Zagreb, University Computing Centre (SRCE)

15 July 2019 **The Mechanics of Longitudinal Data Analysis**  
Short Course, The 8th Conference of the European Survey Research Association (ESRA), Faculty of Economics & Business, University of Zagreb

June 2019 **Basics of R Programming [Croatian taught: Osnove programiranja u R-u]**  
University of Zagreb, University Computing Centre (SRCE)

March 2019 **Introduction to R Syntax and Its Application to Basic Statistical and Graphical Data Analysis [Croatian taught: Upoznavanje sa sintaksom jezika R i njegova primjena u osnovnoj statističkoj i grafičkoj analizi podataka]**  
University of Zagreb, University Computing Centre (SRCE)

March – October 2019 **Statistics with R by Duke University on Coursera**  
<https://www.coursera.org/account/accomplishments/specialization/certificate/NRW8GEVENE69>

A series of 5 courses:

1. Introduction to Probability and Data  
<https://www.coursera.org/account/accomplishments/certificate/UNF3RYUARYL2>
2. Inferential Statistics  
<https://www.coursera.org/account/accomplishments/certificate/UA28B79KX8T4>
3. Linear Regression and Modeling  
<https://www.coursera.org/account/accomplishments/certificate/HQA4HYE4GXSF>
4. Bayesian Statistics  
<https://www.coursera.org/account/accomplishments/certificate/9BDVGGZSNUJV>
5. Statistics with R Capstone  
<https://www.coursera.org/account/accomplishments/certificate/RTJFZPNPHHME>

February 2016 **Event History Analysis with STATA**  
DiSIA – Dipartimento di Statistica, Informatica, Applicazioni “G. Parenti”, Università degli Studi di Firenze, Florence (Italy)

June 2015 **Panel Data Econometrics (Applied Econometrics Course, 7<sup>th</sup> Generation)**  
University of Zagreb, Faculty of Economics & Business, Zagreb (Croatia)

## PERSONAL SKILLS

Mother tongue(s) Croatian

Other language(s)	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C1	C1	C1	C1	C1
University of Cambridge ESOL Examinations, Certificate in Advanced English Level C1					
German	A2	A2	A2	A2	A2

Levels: A1/A2: Basic user - B1/B2: Independent user - C1/C2 Proficient user  
[Common European Framework of Reference for Languages](#)

**Job-related skills**

- Good communication and organization skills gained through my training, work in teaching, conference participation, student theses supervision and involvement in organizing an international scientific conference (was a member of the local organizing team at The 8th Conference of the European Survey Research Association (ESRA), held at the Faculty of Economics & Business – Zagreb in July 2019)
- Prone to team work (have participated in various research projects, have co-authored multiple

- papers)
- Experienced in presenting at international scientific conferences (IPC, EPC, GGP User Conference)
  - Digital competences:
    - MS Office, Stata, R, SAS (SAS/Base, SAS/STAT) – Independent user
    - SPSS, E-Views – Basic user

## ADDITIONAL INFORMATION

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### Projects

#### International

- 2021 (ongoing) member of the SHARE-COVID19 project team (team leader: Šime Smolić), as a researcher on an H2020 project “Non-intended health, economic and social effects of the COVID-19 epidemic control decisions: Lessons from SHARE”
- 2018–2019 team member on a research project “Cohort fertility in former Yugoslavia”; a bilateral project between Croatia and Austria (PI: Ivan Čipin, PhD; Austrian PI & partner institution: Kryštof Zeman, PhD, Österreichische Akademie der Wissenschaften, Institut für Demographie)
- 2016–2017 team member on a research project “Low fertility in Croatia and Serbia from a period and cohort perspective – a better understanding for better projections”; a bilateral project between Croatia and Serbia (PI: Ivan Čipin; Serbian PI & partner institution: Mirjana Devedžić, PhD, University of Belgrade, Faculty of Geography)

#### National

- 2017–2019 team member on a University of Zagreb research project “The analysis of longitudinal survey data” (PI: Ivan Čipin, PhD)
- 2015–2016 team member on a University of Zagreb research project “A data infrastructure for advanced demographic research” (PI: Ivan Čipin, PhD)
- 2015–2016 team member on an Adris Foundation research project “Demographic data for better estimates and policies” (PI: Anđelko Akrap, PhD)

### Honours and awards

- Best poster award, with Ivan Čipin and Mario Brnić, for the poster entitled “To leave or not to leave Croatia: the correlates of intentions to move abroad”, exhibited at the 5th Generations and Gender Programme User Conference, Paris, France, 24–25 October 2019
- Acknowledgement for outstanding teaching results at the Faculty of Economics & Business Zagreb (professional studies) for the academic year 2018/2019
- Acknowledgement for outstanding teaching results at the Faculty of Economics & Business Zagreb (professional studies) for the academic year 2017/2018

### Memberships in professional association or bodies

International Union for the Scientific Study of Population (IUSSP), European Association for Population Studies (EAPS), Generations and Gender Programme (GGP) Council of Partners, Centre for longitudinal population studies (CLPS) at FEB

### Reviewer (journals, proceedings etc.)

European Journal of Ageing, Ekonomski pregled/Economic Review, Revija za sociologiju/Croatian Sociological Review, Stanovništvo, Journal of Gender Studies, Public Sector Economics, Notitia, Hrvatski geografski glasnik/Croatian Geographical Bulletin, Zbornik Ekonomskog fakulteta u Zagrebu

### Prominent conferences (program, organizing, scientific etc. committees)

The 8th Conference of the European Survey Research Association (ESRA)  
15–19 July 2019  
Faculty of Economics & Business Zagreb  
Member of the local organizing team

### Researcher's profiles

[ORCID](#)  
[Google Scholar](#)  
Full list of publications available at [Croatian Scientific Bibliography](#)

## SELECTED BIBLIOGRAPHY

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### Journal articles

- Čipin, I. and **Međimurec, P.** (2021), Kako su odrastale europske generacije? Demografski i socioekonomski događaji povezani s tranzicijom u odraslu dob u Europi [European Generations Growing Up: Demographic and Socioeconomic Events That Constitute the Transition to Adulthood in Europe]. *Revija za sociologiju | Croatian Sociological Review*, 51 (3): 461–493.
- Smolić, Š., Čipin, I. and **Međimurec, P.** (2021), Access to healthcare for people aged 50+ in Europe

during the COVID-19 outbreak. *European Journal of Ageing*. <https://doi.org/10.1007/s10433-021-00631-9>

Čipin, I., Mustač, D. and **Međimurec, P.** (2021.), Učinak pandemije bolesti COVID-19 na mortalitet u Hrvatskoj [Impact of COVID-19 on mortality in Croatia]. *Stanovništvo*, 59 (1): 1–16.

Čipin, I., Zeman, K. and **Međimurec, P.** (2020), Cohort Fertility, Parity Progression, and Family Size in Former Yugoslav Countries. *Comparative Population Studies*, 45 (2020): 229–264.

Lotrič Dolinar, A., Čipin, I., **Međimurec, P.**, Stojilković Gnjatović, J. and Sambt, J. (2020), Age- and cause-specific components of recent life expectancy improvements in Croatia, Serbia and Slovenia. *Društvena istraživanja*, 29 (2): 175–193.

Smolić, Š., Čipin, I. and **Međimurec, P.** (2020), How is health associated with employment during later working life in Croatia? *Public sector economics*, 44 (1): 99–116.

**Međimurec, P.** and Čipin, I. (2019), Tko se češće razvodi? Obrazovanje i bračna (ne)stabilnost u Hrvatskoj [Who is at higher risk of divorce? Education and marital (in)stability in Croatia]. *Revija za socijalnu politiku*, 26 (3): 273–291.

**Međimurec, P.** (2018), Visoko obrazovanje i razvod braka u međunarodnoj usporedbi: kako nacionalne demografske značajke oblikuju vezu na mikrorazini? [High Education and Divorce in a Cross-national Comparison: How Do Country-specific Population Characteristics Influence a Micro-level Relationship?] *Migracijske i etničke teme*, 34 (2): 143–164.

#### Conference proceedings papers

Čipin, I., Klempić Bogadi, S., and **Međimurec, P.** (2017), Assessing the quality of migration statistics in Croatia. In: V. Janeska and A. Lozanoska (eds.), *The population of the Balkans at the dawn of the 21<sup>st</sup> century* (pp. 193–204), Institute of Economics – Skopje, Ss. Cyril and Methodius University in Skopje, Skopje, Macedonia.

Čipin, I., Smolić, Š. and **Međimurec, P.** (2017), Life expectancy in Croatia in terms of eliminating certain causes of death. In: V. Janeska and A. Lozanoska (eds.), *The population of the Balkans at the dawn of the 21<sup>st</sup> century* (pp. 65–82), Institute of Economics – Skopje, Ss. Cyril and Methodius University in Skopje, Skopje, Macedonia.

Čipin I. and **Međimurec, P.** (2013), The impact of atypical working hours on fertility intentions across Europe. *XXVII International Population Conference*, International Union for the Scientific Study of Population (IUSSP), Busan, South Korea. Available at: <https://iussp.org/en/event/17/programme/paper/3582> (15 June 2021)