

# **Senior and junior supervisor research topic application for the IPhD Programme in Regional Development, 2023-24 year**

Name/position of the senior supervisor: Dr. Dániel Kehl, associate professor  
Highest academic degree: habil

**Title of the suggested research topic:** Advanced data analysis in regional development

**The international relevance, importance, and timely of the research topic:**

Growing size of datasets especially in the field of regional development call for advanced data analytic skills. Thorough analysis of such datasets requires knowledge of programming languages. Ideally the applicant has hypotheses related to such complex datasets and experience or openness to learn programming. The specific topic might depend on the interest of the applicant.

**Which UP-FBE research could the PhD candidate join?**

The candidate could join the at the moment informal data analysis group, or any research group related to the relevant regional development topic.

**Possible research directions:**

Depends on the specific topic.

**The supervisor's expertise and experience in the research field**

The supervisor did take part in multiple research and commercial projects and was responsible for data analytics in general.

**The most important publications in the research field over the last five years**

Erdős Katalin, Baczur Roland, Kehl Dániel , Farkas Richárd (2022): When post-merger price effect becomes smoothed over time: A case of a gasoline market merger, ENERGY ECONOMICS: 105 Paper 105682. 7 p.

Gyimesi András, Kehl Dániel (2021): Relative age effect on the market value of elite European football players: a balanced sample approach, EUROPEAN SPORT MANAGEMENT QUARTERLY: 17 p.

Voros Zsófia, Kehl Daniel, Rouet Jean-Francois (2021): Task Characteristics as Source of Difficulty and Moderators of the Effect of Time-on-Task in Digital Problem-Solving, JOURNAL OF EDUCATIONAL COMPUTING RESEARCH: 58 8 pp 1494-1514

Vörös Zsófia, Szabó Zoltán, Kehl Dániel, Kovács Olivér Béla, Papp Tamás, Schepp Zoltán (2021): The forms of financial literacy overconfidence and their role in financial well-being, INTERNATIONAL JOURNAL OF CONSUMER STUDIES: 45 6 pp 1292-1308

Szerb László, Esteban Lafuente, Rappai Gábor, Kehl Dániel (2021): Összetett indexek gazdaságpolitikai alkalmazása: a globális vállalkozói index, SZIGMA: 52 3 pp 213-229 (2021)

Abaligeti Gallusz, Gyimesi András, Kehl Dániel (2020): Adatforrások használata R-ben, STATISZTIKAI SZEMLE: 98 7 pp 858-884

Takacs Andras, Szucs Tamas, Kehl Daniel, Fodor Andrew (2020): The effect of fair valuation on banks' earnings quality: empirical evidence from developed and emerging European countries, HELIYON: 6 12 Paper e05659. 7 p.

Nagy Ákos, Kemény Ildikó, Szűcs Krisztián, Simon Judit, Kehl Dániel (2019): A véleményformáló magatartás mint másodrendű látens változó modellezése PLS-alapú strukturális egyenletek módszerével, STATISZTIKAI SZEMLE: 97 9 pp 827-854 (2019)