

CURRICULUM VITAE

PERSONAL DETAILS

DI Mag. Dr. Daniela Weber

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EDUCATION

- 17.Nov.2015 **Doctorate (Dr.rer.soc.oec)** Vienna University of Economics and Business
With distinction
- Doctoral Program in Social and Economic Sciences (field: Demography and Social Statistics)
 - Doctoral thesis: *An International Perspective on Ageing and Cognitive Decline*
Advisors: Prof. Wolfgang Lutz (WU Vienna), Prof. Agneta Herlitz (Karolinska Institutet, Stockholm)
- 2012 **Master in Statistics (Mag. rer.soc.oec.)** University of Vienna
Master thesis: *Web Usage Mining – Clustering Large Data Sets*
Advisor: Prof. Marcus Hudec
- 2005 **Master in Technical Mathematics (DI)** Vienna University of Technology
Diploma thesis: *Copulas in Financial Risk Management*
Advisor: Dr. Andreas Weingessel
- July/Aug. 2004 **Internship as statistical analyst** Ecole de Mines d'Alès, France
Statistical analysis in the field of powder technology; big data analysis; visualisations

PROFESSIONAL & RESEARCH EXPERIENCE

- Since 2016 **Vienna University of Economics and Business (WU)** Vienna
Assistant Professor - Health Economics and Policy Division
Research topic: healthy ageing in low, middle and high-income countries
Teaching: bachelor and master courses from socioeconomic disciplines (e.g. demography, economics, and sociology)
- Since 2010 **International Institute for Applied Systems Analysis (IIASA)** Laxenburg
Research Scholar - World Population Program
Research topic: demographic forecasting, cognitive and physical ageing, measures of aging
Additional tasks: management of international survey data
- 2019 **Karl Landsteiner University of Health Sciences** Krems
Researcher – Division Gerontology
Research topic: design and development of questionnaires on older adults' health
- 2018/2019 **Parental leave**
February 2018 – April 2019

2015 – 2017	Vienna University of Economics and Business (WU) Guest Researcher - Human Capital and Development Division Research topic: indicators based on life expectancy	Vienna
2009 – 2013	FH Campus Wien Lecturer in Statistics for Tax Management (BA level)	Vienna
2008 – 2010	Vienna University of Economics and Business (WU) Research and Teaching Assistant - Institute for Statistics and Mathematics Research topic: psychometric methods and applied statistical methods	Vienna
2007 Winner of the high potential competition	Mobilkom Austria Project Assistant in Business Sales Support Management Project: modelling of benchmarking and reporting	Vienna

AWARDS AND HONORS

- 2017 Allianz-Nachwuchspreis für Demografie (Allianz-Young Researcher Prize for Demography), **German Society for Demography**
- 2017 Delegate to the Lindau Nobel Meeting 2017, **Austrian Federal Ministry of Science, Research and Economy**
- 2016 Stephan Koren-Preis (for contribution to maintaining the high reputation within the academic community of dissertations prepared at WU Vienna), **Vienna University of Economics and Business**
- 2016 AKNÖ-Wissenschaftspreis, **AK Niederösterreich**
- 2015 Rand Summer Institute Fellowship, **Rand Corporation**
- 2003 Top Stipendium, **NÖ Landesakademie**

FELLOWSHIPS AND GRANTS

- 2019 APART-GSK (Austrian Academy of Sciences) for the project **Aging Health Capital** (EUR 340,000)
- 2017 Visiting Researcher Grants 2016 (FORTE - Swedish Research Council for Health, Working Life and Welfare) (SEK 300,000)
- 2015 Mobility scholarship (Wirtschaftsuniversität Wien) (EUR 2,000)

MEDIA COVERAGE

The Economist, The Times, Forbes, Huffington Post, The Australian, Cosmopolitan, Kurier, Wiener Zeitung, Die Presse, Korea Times, Der Standard, and several other newspapers and internet platforms all over the world; interviews with Austrian radio station OE1 and Russian radio station Radio Sputnik

EDITORSHIP

- 2010 Statistiktage 2009 Conference Special Volume of the **Austrian Journal of Statistics**. Vienna: Bundesanstalt Statistik Österreich; Joint guest editorship with M. Wurzer and P. Mair

PEER-REVIEWED PUBLICATIONS

- 2019 SCI Spitzer Sonja and Weber Daniela *Reporting biases in self-assessed physical and cognitive health status of older Europeans*. **PLOS ONE**, 14(10): e0223526
- 2019 SCI Prasitsiriphon Orawan and Weber Daniela *Objective physical measures and their association with subjective functional limitations in a representative study population of older Thais*. **BMC Geriatrics**, 19(1)
- 2018 SCI Dekhtyar Serhiy, Weber Daniela, Helgertz Jonas, and Herlitz Agneta *Sex differences in academic strengths contribute to gender segregation in education and occupation: A longitudinal examination of 167,776 individuals*. **Intelligence**, 67(2):84-92
- 2017 SCI Scherbov Sergei and Weber Daniela *Future trends in the prevalence of severe activity limitations among older adults in Europe: a cross-national population study using EU-SILC*. **BMJ Open**, 7(9)
- 2017 SCI Weber Daniela, Dekhtyar Serhiy, and Herlitz Agneta *The Flynn effect in Europe – effects of sex and region*. **Intelligence**, 60(1):39-45
- 2016 SSCI Loichinger Elke and Weber Daniela *Trends in Working Life Expectancy in Europe*. **Journal of Aging and Health**, 28(7): 1194-1213
- 2016 SSCI Sanderson Warren, Scherbov Sergei, Weber Daniela, and Bordone Valeria *Combined Measures of Upper and Lower Body Strength and Subgroup Differences in Subsequent Survival Among the Older Population of England*. **Journal of Aging and Health**, 28(7): 1178-1193
- 2016 SCI Weber Daniela *Social engagement to prevent cognitive ageing?* **Age and Ageing**, 45(4): 441-442
- 2016 SCI Weber Daniela
SSCI *Differences in physical aging measured by walking speed: evidence from the English Longitudinal Study of Ageing*. **BMC Geriatrics**, 16(31): 1-9
- 2014 SCI Weber Daniela, Skirbekk Vegard, Freund Inga, and Herlitz Agneta *The changing face of cognitive gender differences in Europe*. **Proceedings of the National Academy of Sciences (PNAS)**, 111(32): 11673-11678
- 2014 SSCI Skirbekk Vegard, Bordone Valeria, and Weber Daniela *A cross-country comparison of math achievement at teen age and cognitive performance 40 years later*. **Demographic Research**, 31: 105-118
- 2013 Bordone Valeria and Weber Daniela *Number of children and cognitive abilities in later life*. **Vienna Yearbook of Population Research 2012**, 10: 95-126
- 2012 SCI Skirbekk Vegard, Loichinger Elke, and Weber Daniela *Variation in cognitive functioning as a refined approach to comparing aging across countries*. **Proceedings of the National Academy of Sciences (PNAS)**, 109(3): 770-774
- 2011 Weber Daniela and Hatzinger Reinhold *A novel approach for modelling paired comparisons data with non-ignorable*

missing values on students' attitudes towards foreigners. Data Analysis Bulletin, 12: 11-22

- 2010 Lienbacher Eva, Holweg Christina, Weber Daniela, and Schnedlitz Peter
Sozialmarkt - Imagegewinn oder Gefahr für die Marke? [Social supermarkets – an improvement of the image or a danger for the trademark] In: **Aktuelle Beiträge zur Markenforschung Tagungsband des 3. Internationalen Markentages**, Hrsg. Günter Schweiger, 225-243 Wien: Gabler.

OTHER PUBLICATIONS (SELECTED)

- 2020 (in print) Loichinger Elke and Weber Daniela
Combining working life and health expectancies. In: **International Handbook of Health Expectancy**. Springer, XXX, pp. 935-941. ISBN XXXXX
- 2017 Herlitz Agneta, Dekhtyar Serhiy, Asperholm Martin, and Weber Daniela
Gender differences in memory and cognition. In: **Encyclopedia of Geropsychology**. Springer, Singapore, pp. 935-941. ISBN 978-981-287-081-0
- 2016 Loichinger Elke, Goujon Anne, and Weber Daniela
Demographic Profile of the Arab Region: Realizing the Demographic Dividend. **Economic and Social Commission for Western Asia (ESCWA)**, ESCWA/SDD/2016/Technical Paper 3
- 2016 Loichinger Elke and Weber Daniela
Living longer. Determining whether we are using our extra years productively. **Population Insights** No. 04
- 2013 Skirbekk Vegard, Stonawski Marcin, and Weber Daniela
Could nations invest in cognitive skills and become effectively younger? **SAGW Bulletin**, 1/2013, 48-49
- 2010 Sonntag Axel and Weber Daniela
Generalized graded unfolding models. In: IRT Software: Überblick und Anwendungen. **Research Report Series** / Department of Statistics and Mathematics, 103. WU Vienna University of Economics and Business, Vienna.
- 2009 Weber Daniela and Weiler Maria
Erwartungskoinzidenz bei UniversitätsprofessorInnen und wissenschaftlichen MitarbeiterInnen: Das Log-lineare Bradley-Terry Model für Paarvergleichsdaten [Coincidence of professors' and teaching assistants' expectations: applying log-linear Bradley-Terry models to paired comparisons] In: **Präferenzanalyse mit R**, Hrsg. Hatzinger R., Dittrich R., Salzberger T, 49-73. Wien: Facultas.