

Prof. Dr. Reyn van Ewijk

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Current position

Since 2014 Full professor (W3) of Statistics and Econometrics, Faculty of Law and Economics, University of Mainz, Germany

Education

Oct. 2009 PhD in Applied Microeconometrics, University of Amsterdam, The Netherlands.
Thesis: Empirical Essays on Education and Health
Supervisor: Prof. Hessel Oosterbeek; Co-supervisor: Prof. Peter Sleegers

1997-2002 Degree in Economics (Bachelor + Master equivalent), University of Groningen, The Netherlands

1995-2001 Degree in Psychology (Bachelor + Master equivalent), University of Groningen, The Netherlands
Two specializations: Statistics & Research Methods and Social Psychology

1999 Visiting student, Copenhagen Business School

Previous Positions

June 2011 – 2014 Assistant professor, University Medical Center Mainz, Germany, Institute for Medical Biostatistics, Epidemiology and Informatics

2013 – 2014 Deputy department head, department of Epidemiology & Health Care Research, IMBEI, Mainz

2010 – 2011 Postdoctoral researcher in Applied Microeconometrics, VU University Amsterdam, Department of Economics, The Netherlands

2009 – 2010 Postdoctoral researcher in Applied Microeconometrics, Amsterdam School of Economics, University of Amsterdam, The Netherlands

2005 – 2009 PhD candidate, Amsterdam School of Economics, University of Amsterdam, The Netherlands

2002 – 2004	Statistician, Market Research Company Motivaction, Amsterdam, The Netherlands
1998-2002	Student advisor on statistical methods, Department of Statistics, Measurement Theory and Information Sciences, Faculty of Psychology, University of Groningen, The Netherlands

Research Visits

2018-2020	Regular visitor, University of Amsterdam
11/2010 – 3/2011	Part-time visitor at University of Mannheim, Department of Economics
2/2009 – 9/2011	Part-time visitor at London School of Economics
9/2008	National Islamic University (UIN), Jakarta, Indonesia
1/2008 – 3/2008	London School of Economics, Full-time visitor

Publications in Scientific Journals

- Isphoring I, Diederichs M, Van Ewijk R, Pestel N (forthcoming). [Schools under mandatory testing can mitigate the spread of SARS-CoV-2](#), *Proceedings of the National Academy of Sciences*.
- Labenz C, Arslanow A, Nguyen-Tat M, Nagel M, Wörns M-A, Reichert MC, Heil FJ; Mainz D, Zimper G; Römer B, Binder H, Farin-Glattacker E, Fichtner U, Graf E, Stelzer D, Van Ewijk R, Ortner J, Louis Velthuis L, Lammert F, Galle PR (forthcoming). Structured Early detection of Asymptomatic Liver Cirrhosis: Results of the population-based liver screening program SEAL. *Journal of Hepatology*.
- Savitri AI, Painter RC, Lindeboom M, Roseboom TJ, Van Ewijk R (2020). [Ramadan exposure and birth outcomes: a population-based study from the Netherlands](#). *Journal of Developmental Origins of Health and Disease*, 11(6), 664-671.
- Daysal M, Trandafir M, Van Ewijk R. (2019) [Low-risk isn't no-risk: Perinatal treatments and the health of low-income newborns](#). *Journal of Health Economics*, 64: 55-67.
- Pradella F, Van Ewijk R (2018). [As long as the breath lasts. In utero exposure to Ramadan and the occurrence of wheezing in adulthood](#). *American Journal of Epidemiology*, 187(10): 2100-2108.
- Settele S, Van Ewijk R (2018). [Can cigarette taxes during pregnancy mitigate the intergenerational transmission of socioeconomic status?](#) *Labour Economics*, 55: 130-148.
- Schoeps A, Van Ewijk R, Kynast-Wolf G, Nebié E, Zabré P, Sié A, Gabrysch S (2018). [Ramadan Exposure In utero and Child Mortality in Burkina Faso: Analysis of a Population-Based Cohort Including 41,025 Children](#). *American Journal of Epidemiology*, 187(10): 2085-2092.
- Gabrysch S, Van Ewijk R (2018). [Authors' Response to Commentaries](#). *American Journal of Epidemiology*, 187(10): 2098-2099.
- Leimer B, Pradella F, Fruth A, Queißer A, Van Ewijk R (2018). [Ramadan Observance during Pregnancy in Germany: a Challenge for Prenatal Care](#), *Geburtshilfe und Frauenheilkunde* 78(07): 684-689.
- Stüber T, Van Ewijk R, Diessner J, Kühn T, Flock F, Felberbaum R, Blettner M, Kreienberg R, Jani W, Wöckel A, Singer S, Schwentner L (2017). Which patient-and physician-related factors are associated

- with guideline adherent initiation of adjuvant endocrine therapy? Results of the prospective multi-centre cohort study BRENDA II. *Breast Cancer*, 24(2): 281-287.
- Von Korn H, Stefan V, Van Ewijk R, Chakraborty K, Sanwald B, Hemker J, Hink U, Ohlow M, Lauer B, Vagts D, Gruene S, Münzel T (2017). A Systematic Diagnostic And Therapeutic Approach For The Treatment Of Patients After Cardio-pulmonary Resuscitation: A Prospective Evaluation Of 212 Patients Over 5 Years. *Internal and Emergency Medicine*, 12(4): 503-511.
 - Daysal N, Trandafir M, Van Ewijk R (2016). [Re: A recent study by economists on the impact of home births on infant outcomes confuses the debate on home birth](#). *BJOG*, 123: 1713–1714.
 - König J(*), Van Ewijk R(*), Kuhr K, Schmidberger H, Wöckel A, Kreienberg R, Blettner M (2016). [Radiotherapy effects on early breast cancer survival in observational and randomized studies: a systematic analysis of advantages, disadvantages and differences between the two study types](#). *Breast Cancer*, 23(3): 415-424. (* Shared first-authorship)
 - Schwentner L, Van Ewijk R, Kühn T, Flock F, Felberbaum R, Blettner M, Kreienberg R, Janni W, Wöckel A, Singer S (2016). Exploring patient- and physician-related factors preventing breast cancer patients from guideline-adherent adjuvant chemotherapy—results from the prospective multi-center study BRENDA II. *Supportive Care in Cancer*, 24(6): 2759-2766.
 - Singer S, Schwentner L, Van Ewijk R, Blettner M, Wöckel A, Kühn T, Felderbaum R, Flock F, Janni W, Kreienberg R (2016). The course of psychiatric co-morbidity in patients with breast cancer - results from the prospective multi-centre BRENDA II study. *Psycho-Oncology*, 25: 590-596.
 - Boeßert P, Hempel J, Van Ewijk R, Mann W, Haxel B (2016). Effekt der mikrochirurgischen Entfernung von Vestibularisschwannomen auf das Schmeckvermögen [Impact of Microsurgical Exstirpation of Vestibular Schwannomas on the Sense of Taste] *Laryngo-Rhino-Otologie*, 95(05): 332-335.
 - Kowalzik F, Zepp F, Hoffmann I, Binder H, Lautz D, Van Ewijk R, Knuf M, Tenenbaum T, Laass M, Reuter T, Schulze-Rath R, Marron M (2016). Disease burden of Rotavirus gastroenteritis in children in Germany: a retrospective hospital-based surveillance. *The Pediatric Infectious Disease Journal*, 35(1): 97-103.
 - Almond D, Mazumder B, Van Ewijk R (2015). [In Utero Ramadan Exposure and Children's Academic Performance](#). *The Economic Journal*, 125: 1501-1533.
 - Daysal M, Trandafir M, Van Ewijk R (2015). [Saving Lives at Birth: The Impact of Home Births on Infant Outcomes](#). *American Economic Journal: Applied Economics*, 7(3): 28-50.
 - Ebner F, Hancke K, Blettner M, Schwentner L, Wöckel A, Kreienberg R, Janni W, Van Ewijk R (2015). Aggressive intrinsic subtypes in breast cancer - a predictor of guideline adherence in older breast cancer patients? *Clinical Breast Cancer*, 15(4): e189-195.
 - Diessner J, Van Ewijk R, Weiss CR, Janni W, Wischnowsky MB, Kreienberg R, Blettner M, Wöckel A, Schwentner L (2015). Identifying the impact of inflammatory breast cancer on survival: a retrospective multi-center cohort study. *Archives of Gynecology and Obstetrics*, 292: 655-664.
 - Lindeboom M, Van Ewijk R (2015). [Babies of the War: The effect of war exposure early in life on mortality throughout life](#). *Biodemography and Social Biology*, 61(2): 167-186.

- Van Ewijk R(*), Wöckel A(*), Janni W, Singer S, Kreienberg R, Blettner M, Schwentner L (2015). Is guideline adherent adjuvant treatment an equal alternative for patients aged >65 who cannot participate in adjuvant clinical breast cancer trials? A retrospective multi-center cohort study of 4.142 patients. *Archives of Gynecology and Obstetrics*, 291: 631-640. (* Shared first-authorship)
- Ebner F, Van Ewijk R, Wöckel A, Hancke K, Schwentner L, Fink V, Kreienberg R, Janni W, Blettner M (2015). Tumor biology in older breast cancer patients - what is the impact on survival stratified for guideline adherence? A retrospective multi-center cohort study of 5378 patients. *The Breast*, 24(3): 256-262.
- Oosterbeek H, Van Ewijk R (2014). [Gender peer effects in university: Evidence from a randomized experiment](#). *Economics of Education Review*, 38: 51-63.
- Schwentner L, Wöckel A, König J, Janni W, Blettner M, Kreienberg R, Van Ewijk R (2014). Assessing the impact of CMF-like/Anthracycline-based/Anthracycline-Taxane-based/dose-dense chemotherapy in dependency of positive axillary lymph nodes on survival – A retrospective multi-center cohort study of 3.677 patients receiving adjuvant chemotherapy. *European Journal of Cancer*, 50: 2905– 2915.
- Savitri AI, Yadegari N, Bakker J, Van Ewijk R, Grobbee DE, Painter RC, Uiterwaal CS, Roseboom TJ (2014). [Ramadan fasting and newborn's birthweight in pregnant Muslim women in Amsterdam](#). *British Journal of Nutrition*, 112(09): 1503-1509.
- Boeßert P, Grüttner C, Van Ewijk R, Haxel B (2014). Veränderung des Schmeckvermögens bei Patienten mit Vestibularisschwannom [Changes in taste ability in patients with vestibular schwannoma]. *Laryngo-Rhino-Otologie*, 93(07): 450-454.
- Dahlhaus A, Guethlin C, Schall A, Taubenroth M, Van Ewijk R, Zeeb H, Albay Z, Schulz-Rothe S, Beyer M, Gerlach FM, Blettner M, Siebenhofer A (2014). Colorectal cancer stage at diagnosis in migrants versus non-migrants (KoMigra): study protocol of a cross-sectional study in Germany. *BMC Cancer*, 14: 123.
- Thomas S, Klobuch S, Sommer M, Van Ewijk R, Theobald M, Meyer RG, Herr W (2014). Human CD8⁺ memory and EBV-specific T cells show low alloreactivity *in vitro* as well as in CD34⁺ stem-cell engrafted NOD/SCID/IL-2Ryc^{null} mice, *Experimental Hematology*, 42(1): 28-38.
- Van Ewijk R, Painter R, Roseboom T (2013). [Associations of prenatal exposure to Ramadan with small stature and thinness in adulthood: results from a large Indonesian population-based study](#), *American Journal of Epidemiology*, 177(8): 729-736.
- Van Ewijk R, Painter R, Roseboom T. (2013). [Van Ewijk et al. respond to “Ramadan Prenatal Fasting and Adult Health Outcomes”](#), *American Journal of Epidemiology*, 177(8): 741-742.
- Schwentner L(*), Van Ewijk R(*), Kurzeder C, Hoffmann I, König J, Kreienberg R, Blettner M, Wöckel A (2013). Participation in adjuvant clinical breast cancer trials: Does study participation improve survival compared to guideline adherent adjuvant treatment? A retrospective multi-center cohort study of 9433 patients, *European Journal of Cancer*, 49: 553-563. (* Shared first-authorship)
- Van Ewijk R, Schwentner L, Wöckel A, König J, Kreienberg R, Blettner M (2013). Trends in patient characteristics, treatment and survival in breast cancer in a non-selected retrospective clinical cohort study of 2600 patients, *Archives of Gynecology and Obstetrics*, 287(1): 103-110.

- Schwentner L, Wöckel A, König J, Janni W, Ebner F, Blettner M, Kreienberg R, Van Ewijk R (2013). Adherence to treatment guidelines and survival in triple-negative breast cancer: A retrospective multi-center cohort study with 9156 patients, *BMC Cancer*, 13(1): 487.
- Von Korn H, Stefan V, Van Ewijk R, Chakraborty K, Sanwald B, Andel R, Hemker J, Hink U, Ohlow M, Lauer B, Muenzel, T (2013). Treatment of coronary bifurcation lesions: stent-covering of the side branch with and without PCI of the side branch: a retrospective analysis of all consecutive patients, *BMC Cardiovascular Disorders*, 13(1): 27.
- Van Ewijk R (2011). [Long-term health effects on the next generation of Ramadan fasting during pregnancy](#), *Journal of Health Economics*, 30(6), 1246-1260.
- Van Ewijk R (2011). [Same work, lower grade? Student ethnicity and teachers' subjective assessments](#), *Economics of Education Review*, 30, 1045-1058.
- Van Ewijk R & Slegers P (2010). [Peer ethnicity and achievement: a meta-analysis into the compositional effect](#), *School Effectiveness and School Improvement*, 21(3): 237-265.
- Van Ewijk R & Slegers P (2010). [The effect of peer socioeconomic status on achievement: a meta-analysis](#), *Educational Research Review*, 5(2): 134-150.

Book Chapters

- Van Ewijk R. (2022) Ramadan: Health, Human Capital, and Economic Outcomes. In: Zimmermann K. (eds.) *Handbook of Labor, Human Resources and Population Economics*. Springer, Cham.
- Lindeboom M, Van Ewijk R (2013), [Early life conditions and later life inequality in health](#). In: Rosa Dias P, O'Donnell O (eds.) *Health and Inequality (Research on Economic Inequality, Volume 21)*, Emerald Group Publishing Limited: 399-419.

Working Papers

- Leimer B, Van Ewijk R (2022). [Are Grandchildren Good for You? Well-Being and Health Effects of Becoming a Grandparent](#), *GSME Discussion Paper No. 2201*, Mainz, Germany.
- Isphoring I, Diederichs M, Van Ewijk R, Pestel N (2021). [Schools under mandatory testing can mitigate the spread of SARS-CoV-2](#), *IZA Discussion Paper No. 14844*, Bonn, Germany.
- Leimer B, Van Ewijk R (2021). [No "Honeymoon Phase" Whose health benefits from retirement and when](#), *GSME Discussion Paper No. 2110*, Mainz, Germany.
- Pradella F, Leimer B, Fruth A, Queißer-Wahrendorf A, Van Ewijk R (2020). [Ramadan During Pregnancy—Fasting, Nutrition, Sleep Patterns and Offspring Health at Birth: A Cross-Sectional Study](#), *GSME Discussion Paper No. 2028*, Mainz, Germany.
- Van Ewijk R, Lindeboom M (2017), [Why People Born During World War II are Healthier](#), *GSME Discussion Paper No. 1619*, Mainz, Germany.

Non-Academic Publications

- Daysal M, Trandafir M, Van Ewijk R (2016). [Thuisbevalling riskanter in arm gezin](#), *Medisch Contact*, 13: 16-18.
- Daysal M, Trandafir M, Van Ewijk R (2015). [Hospitals are safer than home births – but only if you're poor](#), *The Conversation*, July 27, 2015.
- Van Ewijk R (2011). Lagere verwachtingen van allochtonen bij zelfde prestaties, *Economisch Statistische Berichten*, 96(4608): 249-252.

Research Grants

- German Science Foundation (DFG) (grant number 260639091), “Ramadan during pregnancy: effects on health and fertility across the generations”, 2021: € 225 850.
- German Science Foundation (DFG) (grant number 455841434), “How do prenatal and postnatal circumstances interact in shaping health? An interdisciplinary approach using quasi-experiments”, 2021: € 416 100 (together with Sabine Gabrysch)
- Innovation Fund of the Gemeinsamer Bundesausschuss (Federal Joint Committee, GB-A), “Structured Early Assessment of Asymptomatic Liver Cirrhosis (SEAL)”, 2017: € 131 000 (together with Louis Velthuis)
- German Science Foundation (DFG) (grant number 260639091), “Ramadan during pregnancy and its effects on the health of the child throughout its life course”, September 2014: € 305 159

Awards

- Teaching Award, Graduate School of Economics, Finance, and Management (GSEFM), Academic year 2019-20: 2nd price
- Outstanding Contribution in Reviewing, *Economics and Human Biology*, 2018
- Outstanding Contribution in Reviewing, *Journal of Health Economics*, 2016
- The price for the Best Oral Communication – European Congress of Epidemiology, 2012
- Marie Curie research training network of the Economics of Education and Education Policy in Europe (EEEPE): research fellowship for research visit at London School of Economics, 2008.

Doctoral Thesis Advisor

- Fabienne Pradella, 2022, Effects of Early Life Events on Human Capital Outcomes
- Diego Huber Cortes, 2021, Three Essays in Economics of Education using Data from International Large-Scale Assessments
- Birgit Leimer, 2019, Essays on Health Economics
- Marc Diederichs (ongoing)
- Timo Münz (ongoing)

- Pamela Qendrai (ongoing)
- Paul Witte (ongoing)

Dissertation Committees

Prakash Pathak (University of Frankfurt, 2022) Tobias Stein (University of Mainz, 2021), Manuel Denzer (University of Mainz, 2021), Di Lu (University of Mainz, 2020), Emilio Gianicolo (University Medical Center Mainz, 2018), Henning Müller (University of Mainz, 2017)

Presentations at Conferences & Seminars

Invited Seminars

Wuppertal, Germany (scheduled); Federal Institute for Population Research, Germany (scheduled); Antwerp, Belgium; Essen, Germany; Nuremberg, Germany; Hamburg, Germany; University of Southern Denmark; IZA, Bonn, Germany; University of Göttingen, Germany, Faculty of Economics; Ludwig-Maximilians University Munich, Germany, Faculty of Economics; Heidelberg University, Institute for Public Health (2x), Germany; Centre for European Economic Research (ZEW), Mannheim, Germany (2x); University of Mannheim, Germany, Faculty of Economics; Frankfurt University, Germany, Faculty of Economics; Erasmus University Rotterdam, The Netherlands, Faculty of Economics; University Medical Center Amsterdam, The Netherlands (2x); Bristol University, United Kingdom, Faculty of Economics; Ministry of Education, The Netherlands; Chicago Federal Reserve Bank, USA; London School of Economics, United Kingdom; National Islamic University, Jakarta, Indonesia, Medical Faculty

Presentations at Conferences

Committee for Health Economics of the German Economic Association (2021), European Society for Population Economics (2019), European Association of Labour Economists (2018), European Society for Population Economics (2017), Heidelberg Workshop on Health Economics and Health Policy (2017), German Society for Health Economics (DGGÖ, 2017), Dutch Society for Obstetrics & Gynaecology (2016), European Association of Labour Economists (2016), European Economic Association (2016), iHEA & ECHE Joint Congress on Health Economics (2014), Rethinking Barker (Essen, Germany, 2014), The Long Run Impacts of Early Life Events (Michigan, USA, 2014), German Society for Epidemiology (DGEpi) (2014), Ifo/CESifo & University of Munich & MEA Conference on Empirical Health Economics (2013), European Congress of Epidemiology (2013), Developmental Origins of Health and Disease Symposium (Amsterdam, 2012), European Congress of Epidemiology (2012), German Society for Epidemiology (DGEpi) (2012), Conference on Epidemiological Longitudinal Studies in Europe (2010), European Society for Population Economics (2010), Economics of Education and Education Policy in Europe (London, 2009), International Association for Cross-Cultural Psychology (2008), Economics of Education and Education Policy in Europe (Amsterdam, 2008), American Educational Research Association (2007), JURE (2006), ORD (2005)

Refereeing (*)=multiple/regular

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|--|-------------------------------------|
| - American Journal of Health Economics | - American Journal of Epidemiology |
| - Economics and Human Biology(*) | - American Journal of Public Health |

- Economics Letters
- Economics of Education Review(*)
- Education Economics(*)
- Empirical Economics
- German Economic Review
- Health Economics(*)
- Journal of Development Economics(*)
- Journal of Economic Behavior & Organization(*)
- Journal of Health Economics(*)
- Journal of Human Resources(*)
- Journal of Labor Research
- Journal of the European Economic Association
- Labour Economics(*)
- Journal of Population Economics(*)
- Scandinavian Journal of Economics
- Annals of Medical & Health Sciences Research
- AERA Open
- Biodemography and Social Biology
- Biometrical Journal
- BMJ
- BMJ Global Health
- Demographic Research
- Deutsches Ärzteblatt(*)
- Educational Evaluation and Policy Analysis
- Educational Research Review
- European Sociological Review
- Health Policy
- International Journal of Environmental Research and Public Health
- Journal of Educational Psychology
- Journal of Epidemiology & Community Health
- Journal of Epidemiology and Global Health
- Nutrients
- Paediatric and Perinatal Epidemiology
- PLOS One
- Population Studies
- Review of Educational Research
- School Effectiveness and School Improvement
- Social Science Research

Teaching

Present

- Empirical Economics, Bachelor level, University of Mainz [German]
- Micro Econometrics, Bachelor level, University of Mainz [German]
- Applied Econometrics: Health & Education Economics, Graduate School of Economics, Finance, and Management (GSEFM) [English]
- Applied Econometrics and Health, Master level, University of Mainz [English]
- Introductory Econometrics, Master level, University of Mainz [English]
- Seminars, Master level, University of Mainz [English]

Past (selection)

- Statistics II, Bachelor level, University of Mainz [German]
- Mathematics, Bachelor level, University of Mainz [German]
- Health Economics, Tinbergen Institute, Amsterdam [English]
- Evidence Based Medicine, University Medical Center Mainz [German]
- "Principles of Testing" and "Measurement of Association", Master in Epidemiology, University Medical Center Mainz [English]
- The Welfare State and Health Economics, Master level, VU University, Amsterdam [English]

Organization of Conferences / Workshops

- International Health Economics Workshop Tilburg (2022)
- International Health Economics Workshop Mainz (2019)

Miscellaneous Professional Services

- Vice-chair, Committee for International Cooperation, German Society for Health Economics
- Organizer Brown Bag Seminar, University of Mainz
- Member of the Coordination Committee of the Research Unit Interdisciplinary Public Policy (IPP), University of Mainz
- Member, Health Economics Committee, German Economic Association

Language Skills

Dutch (native), English (fluent), German (fluent)