

FREDERICK THIELEN

I am a distinguished Health Technology Assessment (HTA) researcher with a robust portfolio demonstrating significant contributions to addressing challenges in European health care systems. My specialisation is in the integration of economic research into health sciences, providing innovative solutions to complex issues. I demonstrate commitment to hard work, collaboration, and embrace a broad-spectrum perspective that fosters diversity and innovation.

I am proficient in leveraging the R programming language for various applications, including document creation, demonstrating adaptability and advanced analytical capability.

View this CV online with links at my github account. Repo: [data_driven_cv](#)

CONTACT

✉ thielen@eshpm.eur.nl

🐙 github.com/fthielen

📧 data-fred.com

in linkedin.com/in/fthielen

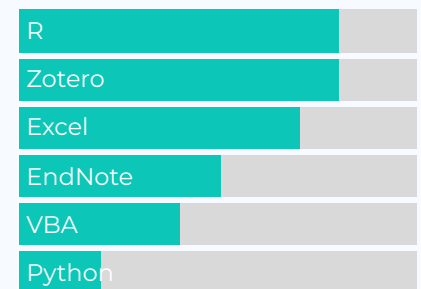
EDUCATION

- 2020 | 2015
● **PhD in Health Technology Assessment**
Erasmus School of Health Policy & Management
📍 Rotterdam, The Netherlands
- 2015 | 2013
● **Research Master Health Sciences**
Maastricht University
📍 Maastricht, The Netherlands
 - Grade point average (GPA): 8.2
 - Participant in the PREMIUM Honours Programme
- 2013 | 2010
● **BSc European Public Health**
Maastricht University
📍 Maastricht, The Netherlands
 - Participant in the Honours Programme "Governance of Health Care Innovations"
 - Minor semester at **Oxford Brookes University** (United Kingdom, 2012)

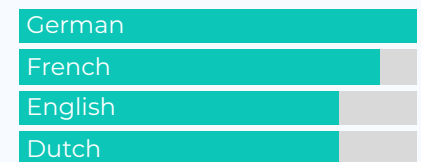
WORKING EXPERIENCE

- Current | 2021
● **Assistant professor**
Erasmus School of Health Policy & Management
📍 Rotterdam, The Netherlands
 - Teaching activities as course co-coordinator, lecturer, and tutor
 - Co-promoter of 4 PhD students
 - Research activities in several international, EU-funded research projects
- Current | 2019
● **Teacher in Statistical Programming & Data Science in R**
TriData
📍 Utrecht, The Netherlands
 - Teacher of the course: Statistical programming in R (in Dutch)

DIGITAL COMPETENCIES



LANGUAGE SKILLS



Made with the R package [pagedown](#).

The source code is available on github.com/nstrayer/cv.

Last updated on 2023-07-17.

- 2015
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2015

Student Assistant
 Erasmus School of Health Policy & Management
 📍 Rotterdam, The Netherlands
- 2015
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2014

Research Intern
 Trimbos institute
 📍 Utrecht, The Netherlands
 - Research internship for the Master thesis
 - Member of the working group "Early Psychosis" (technical modelling team)
- 2015
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2006

Nurse
 University Hospital Aachen
 📍 Aachen, Germany
 - Nurse at a ward of internal medicine
 - Released delegate of the Staff Council in 2010
- 2014
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2013

Teaching Assistant & Module Coordinator
 Maastricht University
 📍 Maastricht, The Netherlands
 - Teaching assistant for the study European Public Health
 - Module coordinator for the pre-bachelor course European Public Health
- 2013
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2013

Research Assistant and Intern
 RAND Europe
 📍 Cambridge, United Kingdom
 - Research internship for the Bachelor thesis
 - Research Assistant for the team Health and Healthcare (4 months)



TEACHING EXPERIENCE

- Current
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2019

Lectures at Erasmus School of Health Policy & Management
 Erasmus School of Health Policy & Management
 📍 Rotterdam, The Netherlands
 - Health Care Costs
 - Quality of Life
 - Economic aspects and reimbursement considerations for the treatment of haematological cancers
- Current
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2019

Lectures at Erasmus Medical Center
 Erasmus Medical Center
 📍 Rotterdam, The Netherlands
 - A brief introduction to Health Technology Assessment and Economic Evaluations
- Current
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2022

Lecture at Utrecht University
 Utrecht University
 📍 Utrecht, The Netherlands
 - Oog voor impact (guest lecture)
 - Topics covered from penalized regression to boosted trees and neural networks
 - Highest level course offered in department

Driven by a passion for education, I thrive on pioneering and employing novel paedagogical techniques to elevate student learning.

Current
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2015

- **Thesis supervision or assessment of Master thesis students**
Erasmus School of Health Policy & Management
📍 Rotterdam, The Netherlands
 - Total master students until present: 42
 - Study programmes: Health Economics, Health Economics, Policy and Law, European Health Economics Master

Current
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2015

- **Teaching and tutor activities**
Erasmus School of Health Policy & Management
📍 Rotterdam, The Netherlands
 - Pharmaceutical Pricing and Market Access (co-coordinator)
 - Health Technology Assessment
 - Advanced Health Economic Modelling



SELECTED PUBLICATIONS AS FIRST AUTHOR

2022
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2022

- **Towards sustainability and affordability of expensive cell and gene therapies? Applying a cost-based pricing model to estimate prices for Libmeldy and Zolgensma¹**
Cytotherapy

2021
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2021

- **Health Economic Aspects of Chimeric Antigen Receptor T-cell Therapies for Hematological Cancers: Present and Future²**
HemaSphere

2021
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2021

- **Cost-effectiveness of lenalidomide plus rituximab versus rituximab monotherapy in patients with previously treated follicular lymphoma: a societal view³**
Expert Review of Anticancer Therapy

2020
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2020

- **Cost-effectiveness of Anti-CD19 chimeric antigen receptor T-Cell therapy in pediatric relapsed/refractory B-cell acute lymphoblastic leukemia. A societal view⁴**
European Journal of Haematology

2020
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2020

- **Cost of health care for paediatric patients with sickle cell disease: An analysis of resource use and costs in a European country⁵**
Pediatric Blood & Cancer

2019
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2019

- **Obinutuzumab in Combination with Chemotherapy for the First-Line Treatment of Patients with Advanced Follicular Lymphoma⁶**
PharmacoEconomics

2019
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2019

- **Designing and Testing of a Health-Economic Markov Model for Prevention and Treatment of Early Psychosis⁷**
Expert Review of Pharmacoeconomics & Outcomes Research

I regularly publish my research in international peer-reviewed journals.

- 2018
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2018 ● **Second-line treatment for acute graft-versus-host disease with mesenchymal stromal cells: A decision model⁸**
European Journal of Haematology
- 2016
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2016 ● **How to prepare a systematic review of economic evaluations for clinical practice guidelines: database selection and search strategy development (part 2/3)⁹**
Expert Review of Pharmacoeconomics & Outcomes Research
- 2016
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2016 ● **Long-term economic consequences of child maltreatment: a population-based study¹⁰**
European Child & Adolescent Psychiatry



SELECTED PUBLICATIONS AS LAST AUTHOR

- 2023
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2023 ● **Health-related quality of life in patients with steroid-refractory acute graft-versus-host disease¹¹**
European Journal of Haematology
- 2022
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2022 ● **Cost-Effectiveness of Venetoclax Plus Obinutuzumab Versus Chlorambucil Plus Obinutuzumab for the First-Line Treatment of Adult Patients With Chronic Lymphocytic Leukemia: An Extended Societal View¹²**
Value in Health



LINKS

- 1: <https://www.sciencedirect.com/science/article/pii/S1465324922007861>
- 2: http://journals.lww.com/hemasphere/Fulltext/2021/02000/Health_Economic_Aspects_of_Chimeric_Antigen.9.aspx?context=LatestArticles
- 3: <https://doi.org/10.1080/14737140.2021.1971520>
- 4: <https://onlinelibrary.wiley.com/doi/abs/10.1111/ejh.13427>
- 5: <http://onlinelibrary.wiley.com/doi/abs/10.1002/pbc.28588>
- 6: <https://doi.org/10.1007/s40273-018-0740-4>
- 7: <https://doi.org/10.1080/14737167.2019.1632194>
- 8: <https://onlinelibrary.wiley.com/doi/10.1111/ejh.13158>
- 9: <https://doi.org/10.1080/14737167.2016.1246962>
- 10: <https://doi.org/10.1007/s00787-016-0850-5>
- 11: <https://onlinelibrary.wiley.com/doi/abs/10.1111/ejh.13987>
- 12: <https://www.sciencedirect.com/science/article/pii/S1098301522047325>

In recent years, I increasingly publish articles as last author.