

# 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

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🐙 [github.com/fthielen](https://github.com/fthielen)

📧 [data-fred.com](mailto:data-fred.com)

in [linkedin.com/in/fthielen](https://linkedin.com/in/fthielen)

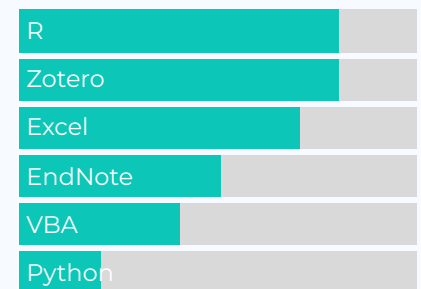
## EDUCATION

- 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)

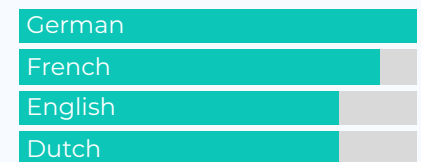
## WORKING EXPERIENCE

- 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](https://github.com/nstrayer/cv).

Last updated on 2023-07-10.

- 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  
|  
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  
|  
2019

**Lectures at Erasmus Medical Center**  
 Erasmus Medical Center  
 📍 Rotterdam, The Netherlands
 
  - A brief introduction to Health Technology Assessment and Economic Evaluations
- Current  
|  
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 Zolgensma<sup>1</sup>**  
Cytotherapy

2021  
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2021

- **Health Economic Aspects of Chimeric Antigen Receptor T-cell Therapies for Hematological Cancers: Present and Future<sup>2</sup>**  
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 view<sup>3</sup>**  
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 view<sup>4</sup>**  
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 country<sup>5</sup>**  
Pediatric Blood & Cancer

2019  
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2019

- **Obinutuzumab in Combination with Chemotherapy for the First-Line Treatment of Patients with Advanced Follicular Lymphoma<sup>6</sup>**  
PharmacoEconomics

2019  
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2019

- **Designing and Testing of a Health-Economic Markov Model for Prevention and Treatment of Early Psychosis<sup>7</sup>**  
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 model<sup>8</sup>**  
European Journal of Haematology
- 2016  
|  
2016 ● **How to prepare a systematic review of economic evaluations for clinical practice guidelines: database selection and search strategy development (part 2/3)<sup>9</sup>**  
Expert Review of Pharmacoeconomics & Outcomes Research
- 2016  
|  
2016 ● **Long-term economic consequences of child maltreatment: a population-based study<sup>10</sup>**  
European Child & Adolescent Psychiatry



## SELECTED PUBLICATIONS AS LAST AUTHOR

- 2023  
|  
2023 ● **Health-related quality of life in patients with steroid-refractory acute graft-versus-host disease<sup>11</sup>**  
European Journal of Haematology
- 2022  
|  
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 View<sup>12</sup>**  
Value in Health



## LINKS

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

- 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](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>