Rafael José Vieira

Research interests

Evidence Synthesis: systematic reviews, meta-analysis, GRADE

Health Economics: cost of illness, cost-utility analysis, health-related quality-of-life

Biostatistics: Bayesian data analysis, hierarchical models, causal inference

Education

Academic degrees

2022 — present	PhD student in Clinical and Health Services Research , Faculty of Medicine, University of Porto
	Supervisors: Bernardo Sousa-Pinto, Luís Filipe Azevedo, João A. Fonseca Thesis: Using real-world and secondary data to estimate the global burden of allergic rhinitis
2014 — 2020	Integrated Master in Medicine , Faculty of Medicine, University of Porto Grade: 17/20 (A)
	Thesis: Efficacy and safety of corticosteroid implants in non-infectious uveitis: a systematic review with network meta-analysis
	Short courses
2024	Value-Based Health Care, Training School, NET4Age-Friendly
2024	Advanced Confounding Adjustment , Summer School, CAUSALab, Harvard T.H. Chan School of Public Health
2024	Combining Information for Causal Inference, Summer School, CAUSALab, Harvard T.H. Chan School of Public Health
2023	Level 2: Guideline Methodologist , International Guideline Development Credentialing & Certification (INGUIDE) Program, hosted by the Guidelines International Network and McMaster University
2023	Level 1: Guideline Group or Panel Member Course , International Guideline Development Credentialing & Certification (INGUIDE) Program, hosted by the Guidelines International Network and McMaster University
2023	Bayesian Methods in Health Economics , Summer School, University College of London
2023	Risk factors, Health Impact Assessment and Knowledge Translation , Training School, European Burden of Disease Network
2022	Introduction to Bayesian Latent Class models for health scientists, Training School, HARMONY: Novel tools for test evaluation and disease prevalence estimation

General concepts of burden of disease, Training School, European Burden of

Disease Network

2022

2022 Advanced data presentation using R: Interactive apps and animated graphs, Faculty of Medicine, University of Porto 2022 Meta-analysis with R, Faculty of Medicine, University of Porto 2021 Blended Learning Introduction to Clinical Studies, 6 ECTS, Faculty of Medicine, University of Porto **Employment** 2021 — present Collaborator Centre for Health Technology and Services Research 2021 — present **Invited Assistant** Faculty of Medicine, University of Porto 2018 — 2022 **Medical Content Creator** Kenhub GmbH 2021 - 2021**Medical Resident** University Hospital Centre of São João **Teaching activity Subjects** 2025 — present Thesis, project and traineeship protocols III, 3 ECTS, Master in Health Evidence and Decision Faculty of Medicine, University of Porto 2025 — present Thesis, project and traineeship protocols I, 3 ECTS, Master in Health Evidence and Decision (Co-coordinator) Faculty of Medicine, University of Porto 2024 — present Thesis, project and traineeship protocols II, 3 ECTS, Master in Health Evidence and Decision Faculty of Medicine, University of Porto 2024 — present Fundamentals of Health Data Science, 3 ECTS, Bachelors in Digital Health and

Biomedical Innovation

Faculty of Medicine, University of Porto

2023 — present Research Methods, 6 ECTS, Master in Psychiatry and Mental Health

Faculty of Medicine, University of Porto

2022 — present Health Technology Assessment, 6 ECTS, Master in Health Evidence and Decision

Faculty of Medicine, University of Porto

2022 — present Research Methods in Health Sciences, 9 ECTS, Master in Health Evidence and

Decision

Faculty of Medicine, University of Porto

2022 — present Health Services Research, 6 ECTS, Master in Health Evidence and Decision

Faculty of Medicine, University of Porto

2022 — present	Biostatistics: Theory and practice of data analysis , 2 ECTS, Blended Learning Introduction to Clinical Studies Faculty of Medicine, University of Porto
2022 — present	Research Methodology: From bibliographic search to the study design, 1.5 ECTS, Blended Learning Introduction to Clinical Studies Faculty of Medicine, University of Porto
2021 — present	DECIDES I: Decision, Data and Statistics in Health , 4 ECTS, Integrated Master in Medicine Faculty of Medicine, University of Porto
2021 — present	DECIDES II: Decision, Data and Evidence in Health , 4 ECTS, Integrated Master in Medicine Faculty of Medicine, University of Porto
2022 — 2024	DECIDES III: Decision, Data and Digital Health , 4 ECTS, Integrated Master in Medicine Faculty of Medicine, University of Porto
	Workshops
2023	Efficient Literature Reviews with Artificial Intelligence Tools MEDSTART — Congresso Nacional do Internato de Formação Geral
2023	Peer Review 44th Annual Meeting of the Portuguese Allergy and Clinical Immunology Association
	Students
2023 — 2024	Maria Inês Torres, MSc in Medicine, Faculty of Medicine, University of Porto "Intranasal versus oral treatment for allergic rhinitis: a systematic review with meta-analysis" Advisor
2023 — 2024	Tatiana Teixeira , MSc in Medicine, Faculty of Medicine, University of Porto "Perceptions of the impact of individual allergic rhinitis symptoms: a survey to clinical experts" Advisor
2023 — 2024	Joana Aguiar , MSc in Medicine, Faculty of Medicine, University of Porto "Ultrasonographic tools of preterm birth screening" Co-advisor
2023 — 2024	Magda Almeida , MSc in Medicine, Faculty of Medicine, University of Porto "Carbamazepine for neonatal seizures: a systematic review" Co-advisor
2023 — 2024	Beatriz Gama , MSc in Medicine, Faculty of Medicine, University of Porto "Gastrointestinal effects of caffeine in preterm infants - systematic review" Co-advisor
2022 — 2023	Helena Ribeiro , MSc in Medicine, Faculty of Medicine, University of Porto "Platelet transfusions in preterm infants: current concepts and controversies - a systematic review and meta-analysis" Co-advisor

2022 - 2023

Catarina Soares, MSc in Medicine, Faculty of Medicine, University of Porto "Neurodevelopment outcomes in the first five years of the life of children with Transposition of the Great Arteries surgically corrected in the neonatal period" Co-advisor

Professional experiences

Participation in international projects

2023 — present 2024 Revision of the Allergic Rhinitis and Its Impact on Asthma (ARIA)

Guidelines

Methodologist & Panel Member

Participation in national projects

 ${\color{red} 2021-2022} \qquad \textbf{COVIDLearning - Knowledge Sharing for Health Professionals}$

Researcher

Institutional responsibilities

2023 — present Course Monitoring Committee, PhD in Clinical and Health Services Research

Member

2022 — present Departmental Council, Department of Community Medicine, Information and

Health Decision Sciences, Faculty of Medicine, University of Porto

Representative of Teaching Assistants

Event organisation

2024 InHealth Junior Academy, Porto, Portugal

https://inhealth.med.up.pt

2023 Change Health Days, Porto, Portugal

https://noticias.up.pt/eventos/change-health-daysfmup/

2022 Cochrane Portugal Annual Meeting 2022, Remote & Porto, Portugal

https://medcids.med.up.pt/cochrane/

2022 **Health Data Forum**, Remote & Porto, Portugal

https://healthdataforum.eu/2022-summit/

Associations

2024 — present Portugal GRADE Network, Member

2024 — present GRADE Working Group, Member

2023 — present **Americal Statistical Association**, Member

2022 — present **European Burden of Disease Network**, Member of the Rare Disease and the

Determinants of Health Inequalities Taskforces

2021 — present European Association of Allergy and Clinical Immunology, Junior Member

Contributions to peer-review

2022 — present

The Journal of Allergy and Clinical Immunology: In Practice — Biostatistics reviewer (5); Clinical and Translational Allergy (5); Journal of Medical Internet Research (2); JMIR Dermatology (2); Porto Biomedical Journal (2); BMC Ophthalmology (1); BMC Pulmonary Medicine (1); Frontiers in Pediatrics (1); Frontiers in Medicine (1).

Funding

Grants

2022 — present	2022.12787.BD – Using real-world and secondary data to estimate the global burden of allergic rhinitis (€45,000), PhD Studentship Grant. Fundação para a Ciência e Tecnologia
2024	Training School, Value-Based Health Care (€600), Travel Grant. CA19136: Net4Age-Friendly
2024	DISRUPT Quality of Care Hackathon (€400), Travel Grant. World Health Organisation
2024	2nd International burden of disease conference (€1000), Travel Grant. CA18218: European Burden of Disease Network
2024	Short Term Scientific Mission at Sciensano (€3,000), Travel Grant. CA18218: European Burden of Disease Network
2023	Youth Dialogue on Internet Governance 2023 (€500), Travel Grant. European Dialogue on Internet Governance
2023	4th Working Group Meeting (€950), Travel Grant. CA18218: European Burden of Disease Network
2023	International burden of disease conference (€1,150), Travel Grant. CA18218: European Burden of Disease Network
2023	Training school, Risk factors, Health Impact Assessment and Knowledge Translation (€900), Travel Grant. CA18218: European Burden of Disease Network
2022	Training School, Introduction to Bayesian Latent Class models for health scientists (€1,000), Travel Grant. CA18208: Novel tools for test evaluation and disease prevalence estimation
2022	Training School, General concepts of burden of disease (€2,000), Travel Grant. CA18218: European Burden of Disease Network

Publications

Google Scholar metrics: 397 citations · h-index 12 · i10-index 14

Peer-reviewed papers

2024	J41	Impact of allergic rhinitis control on work productivity and costs: a real-world
		data MASK-air study

RJ Vieira, LF Azevedo, AM Pereira, et al. (20 authors)

The Journal of Allergy and Clinical Immunology: In Practice 2024 NA:NA · JIF: 8.2 (Q1)

http://dx.doi.org/10.1016/j.jaip.2024.07.026

J40 Protocol for the systematic reviews on the desirable and undesirable effects of pharmacological treatments of allergic rhinitis informing the ARIA 2024 guidelines

> RJ Vieira, MI Torres, A Bognanni, et al. (18 authors) Allergologie select 2024 8(1):270-277 · JIF: 1.4 (Q3) http://dx.doi.org/10.5414/ALX02515E

J39 Concepts for the development of person-centred, digitally-enabled, Artificial Intelligence-assisted ARIA care pathways (ARIA 2024)

> J Bousquet, HJ Schünemann, B Sousa-Pinto, (...) **RJ Vieira** (...), et al. (220 authors) The Journal of Allergy and Clinical Immunology: In Practice 2024 NA:NA · JIF: 8.2 (Q1)

http://dx.doi.org/10.1016/j.jaip.2024.06.040

J38 Impact of Uncontrolled Symptoms on the Health-Related Quality of Life (EQ-5D-5L) of Patients With Allergic Rhinitis: A MASK -air Study RJ Vieira, L Leemann, HJ Schünemann, et al. (7 authors) Clinical & Experimental Allergy 2024 NA:NA · JIF: 6.3 (Q1) http://dx.doi.org/10.1111/cea.14516.

J37 Embedding patients' values and preferences in guideline development for allergic diseases: The case study of Allergic Rhinitis and its Impact on Asthma 2024

RJ Vieira, B Sousa-Pinto, A Bognanni, et al. (13 authors) Clinical and Translational Allergy 2024 14(6):e12377 · JIF: 4.6 (Q2) http://dx.doi.org/10.1002/clt2.12377

J36 Relevance of individual bronchial symptoms for asthma diagnosis and control in patients with rhinitis: A MASK-air study

B Sousa-Pinto, G Louis, RJ Vieira, et al. (62 authors) Clinical and Translational Allergy 2024 14(6):e12358 · JIF: 4.6 (Q2) http://dx.doi.org/10.1002/clt2.12358

J35 Intranasal antihistamines and corticosteroids in allergic rhinitis: A systematic review and meta-analysis

> B Sousa-Pinto, **RJ Vieira**, J Brozek, et al. (14 authors) Journal of Allergy and Clinical Immunology 2024 NA:NA · JIF: 11.4 (Q1) http://dx.doi.org/10.1016/j.jaci.2024.04.016

J34	Gastrointestinal effects of caffeine in preterm infants: a systematic review and Bayesian meta-analysis B Gama, Mv Hafe, RJ Vieira, H Soares, I Azevedo, G Rocha Archives of Disease in Childhood - Fetal and Neonatal Edition 2024 NA:NA · JIF: 3.9 (Q1) http://dx.doi.org/10.1136/archdischild-2024-327075
J33	English tweets on allergy: Content analysis and association with surveillance data B Sousa-Pinto, S Jankin, RJ Vieira , M Marques-Cruz, JA Fonseca, J Bousquet Clinical & Experimental Allergy 2024 NA:NA · JIF: 6.3 (Q1) http://dx.doi.org/10.1111/cea.14479
J31	Regional, sex, and age inequities in asthma hospital admissions in Spain and Portugal RJ Vieira, AM Pereira, L Taborda-Barata, et al. (11 authors) Clinical and Translational Allergy 2024 14(4):e12349 · JIF: 4.6 (Q2) http://dx.doi.org/10.1002/clt2.12349
J32	Poor Rhinitis and Asthma Control Is Associated With Decreased Health-Related Quality of Life and Utilities: A MASK-air Study RJ Vieira, L Leemann, A Briggs, et al. (18 authors) The Journal of Allergy and Clinical Immunology: In Practice 2024 NA:NA · JIF: 8.2 (Q1) http://dx.doi.org/10.1016/j.jaip.2024.03.036
J30	Patients' values and preferences for health states in allergic rhinitis—An artificial intelligence supported systematic review J Brozek, E Borowiack, E Sadowska, () RJ Vieira (), et al. (12 authors) Allergy 2024 NA:NA · JIF: 12.6 (Q1) http://dx.doi.org/10.1111/all.16100
J29	Asthma and rhinitis control in adolescents and young adults: A real-world MASK-air study B Sousa-Pinto, A Valiulis, E Melén, () RJ Vieira (), et al. (39 authors) Pediatric Allergy and Immunology 2024 35(2):35:e14080 · JIF: 4.3 (Q2) http://dx.doi.org/10.1111/pai.14080
J28	From MASK-air and SILAM to CATALYSE (Climate Action to Advance HeaLthY Societies in Europe) B Sousa-Pinto, Y Palamarchuk, L Leemann, () RJ Vieira (), et al. (25 authors) Journal of Investigational Allergology and Clinical Immunology 2024 34(1):12–19 JIF: 6.1 (Q1) https://doi.org/10.18176%2Fjiaci.0923
J27	Neurodevelopment outcomes in the first 5 years of the life of children with transposition of the great arteries surgically corrected in the neonatal period: systematic review and meta-analysis C Soares, RJ Vieira, S Costa, R Moita, M Andrade, H Guimarães Cardiology in the Young 2023 33(12):2471–2480 · JIF: 0.9 (Q4) http://dx.doi.org/10.1017/s104795112300375x

J26 Intranasal antihistamines and corticosteroids in the treatment of allergic

rhinitis: a systematic review and meta-analysis protocol B Sousa-Pinto, RJ Vieira, J Brozek, et al. (14 authors) BMJ Open 2023 13(11):e076614 · JIF: 2.4 (Q1) http://dx.doi.org/10.1136/bmjopen-2023-076614

2023

- J25 MASK-air direct patient data support the ARIA-MeDALL hypothesis on allergic phenotypes
 - J Bousquet, B Sousa-Pinto, FS Regateiro, (...) RJ Vieira (...), et al. (13 authors) Allergy 2023 78(10):2790-2794 · JIF: 12.6 (Q1) http://dx.doi.org/10.1111/all.15842
- J24 Detection of subclinical microvascular changes in systemic lupus erythematous using optical coherence tomography angiography: A systematic review and meta-analysis

A Ferreira, RJ Vieira, MJ Furtado, M Lume, JP Andrade, P Menéres Survey of Ophthalmology 2023 68(6):1115-1128 · JIF: 5.1 (Q1) https://doi.org/10.1016%2Fj.survophthal.2023.07.008

- .123 Global, regional, and national burden of allergic disorders and their risk factors in 204 countries and territories, from 1990 to 2019: A systematic analysis for the Global Burden of Disease Study 2019 YH Shin, J Hwang, R Kwon, et al. (group authorship) Allergy 2023 78(8):2232-2254 · JIF: 12.6 (Q1) https://doi.org/10.1111%2Fall.15807
- J22 Patient-centered digital biomarkers for allergic respiratory diseases and asthma: The ARIA-EAACI approach - ARIA-EAACI Task Force Report J Bousquet, MH Shamji, JM Anto, (...) **RJ Vieira** (...), et al. (103 authors) Allergy 2023 78(7):1758-1776 · JIF: 12.6 (Q1) https://doi.org/10.1111%2Fall.15740
- J21 Burden of disease attributable to risk factors in European countries: a scoping literature review

V Gorasso, JN Morgado, P Charalampous, (...) **RJ Vieira** (...), et al. (103 authors) Archives of Public Health 2023 81(1):116 · JIF: 3.2 (Q2) https://doi.org/10.1186%2Fs13690-023-01119-x

J20 Platelet transfusions in preterm infants: current concepts and controversies - a systematic review and meta-analysis

HS Ribeiro, A Assunção, RJ Vieira, P Soares, H Guimarães, F Flor-de-Lima European Journal of Pediatrics 2023 182(8):3433-3443 · JIF: 3.0 (Q1) http://dx.doi.org/10.1007/s00431-023-05031-y

J19 Methodologic lessons from published systematic reviews A Ferreira, RJ Vieira, B Sousa-Pinto Eye 2023 37(18):3876 · JIF: 2.8 (Q1)

https://doi.org/10.1038%2Fs41433-023-02599-5

J18 Asthma hospitalizations: A call for a national strategy to fight health inequities

> RJ Vieira, B Sousa-Pinto, AM Pereira, et al. (9 authors) Pulmonology 2023 29(3):179–183 · JIF: 10.4 (Q1) http://dx.doi.org/10.1016/j.pulmoe.2022.12.001

J17 Development and validation of an electronic daily control score for asthma (e-DASTHMA): a real-world direct patient data study

B Sousa-Pinto, C Jácome, AM Pereira, (...) **RJ Vieira** (...), et al. (74 authors) The Lancet Digital Health 2023 5(4):e227-e238 · JIF: 23.8 (Q1) https://doi.org/10.1016%2Fs2589-7500%2823%2900020-1

Application of optical coherence tomography angiography for microvascular changes in patients treated with hydroxychloroquine: a systematic review and meta-analysis

A Ferreira, R Anjos, **RJ Vieira**, et al. (10 authors) Graefe's Archive for Clinical and Experimental Ophthalmology 2023 261(8):2221–2233 · JIF: 2.4 (Q2) http://dx.doi.org/10.1007/s00417-023-06023-2

Burden of infectious disease studies in Europe and the United Kingdom: a review of methodological design choices

P Charalampous, JA Haagsma, LS Jakobsen, (...) **RJ Vieira** (...), et al. (92 authors) Epidemiology and Infection 2023 151:e19 · JIF: 2.5 (Q2) https://doi.org/10.1017%2Fs0950268823000031

Digitally-enabled, patient-centred care in rhinitis and asthma multimorbidity: The ARIA-MASK-air approach

J Bousquet, JM Anto, B Sousa-Pinto, (...) **RJ Vieira** (...), et al. (128 authors) Clinical and Translational Allergy 2023 13(1):e12215 · JIF: 4.6 (Q2) https://doi.org/10.1002%2Fclt2.12215

- Cut-off values of MASK-air Patient-Reported Outcome Measures (PROMs)

 B Sousa-Pinto, A Sá-Sousa, RJ Vieira, et al. (60 authors)

 The Journal of Allergy and Clinical Immunology: In Practice 2022 11(4):1281-1289

 · JIF: 9.4 (Q1)

 https://doi.org/10.1016%2Fj.jaip.2022.12.005
 - Consistent trajectories of rhinitis control and treatment in 16,177 weeks: The MASK-air longitudinal study

 B Sousa-Pinto, HJ Schünemann, A Sá-Sousa, (...) RJ Vieira (...), et al. (74 authors)

 Allergy 2022 78(4):968–983 · JIF: 12.4 (Q1)

 http://dx.doi.org/10.1111/all.15574
 - Academic Productivity of Young People With Allergic Rhinitis: A MASK-air Study

RJ Vieira, N Pham-Thi, JM Anto, et al. (45 authors)
The Journal of Allergy and Clinical Immunology: In Practice 2022 10(11):3008–3017.e4 · JIF: 9.4 (Q1)
https://doi.org/10.1016%2Fj.jaip.2022.08.015

Real-world data using mHealth apps in rhinitis, rhinosinusitis and their multimorbidities

B Sousa-Pinto, A Anto, M Berger, (...) **RJ Vieira** (...), et al. (93 authors) Clinical and Translational Allergy 2022 12(11):e12208 · JIF: 4.4 (Q2) https://doi.org/10.1002%2Fclt2.12208

Control of Allergic Rhinitis and Asthma Test: A systematic review of measurement properties and COSMIN analysis

RJ Vieira, B Sousa-Pinto, A Cardoso-Fernandes, et al. (10 authors)

Clinical and Translational Allergy 2022 12(9):e12194 · JIF: 4.4 (Q2)

http://dx.doi.org/10.1002/clt2.12194

Usage patterns of oral H1-antihistamines in 10 European countries: A study using MASK-air and Google Trends real-world data

RJ Vieira, B Sousa-Pinto, JM Anto, et al. (8 authors)

World Allergy Organization Journal 2022 15(7):100660 \cdot JIF: 5.1 (Q2)

https://doi.org/10.1016%2Fj.waojou.2022.100660

	J07	Comparison of rhinitis treatments using MASK-air data and considering the minimal important difference B Sousa-Pinto, HJ Schünemann, A Sá-Sousa, () RJ Vieira (), et al. (75 authors) Allergy 2022 77(10):3002–3014 · JIF: 12.4 (Q1) http://dx.doi.org/10.1111/all.15371
	J06	Allergen immunotherapy in MASK-air users in real-life: Results of a Bayesian mixed-effects model B Sousa-Pinto, LF Azevedo, A Sá-Sousa, () RJ Vieira (), et al. (70 authors) Clinical and Translational Allergy 2022 12(3):e12128 · JIF: 4.4 (Q2) https://doi.org/10.1002%2Fclt2.12128
	J05	Behavioural patterns in allergic rhinitis medication in Europe: A study using MASK-air real-world data B Sousa-Pinto, A Sá-Sousa, RJ Vieira, et al. (70 authors) Allergy 2022 77(9):2699–2711 · JIF: 12.4 (Q1) http://dx.doi.org/10.1111/all.15275
2021	J04	Efficacy and safety of intravitreal and periocular injection of corticosteroids in non-infectious uveitis: a systematic review RJ Vieira, A Ferreira, P Menéres, B Sousa-Pinto, L Figueira Survey of Ophthalmology 2021 67(4):991-1013 · JIF: 6.2 (Q1) https://doi.org/10.1016%2Fj.survophthal.2021.12.002
	J03	Efficacy and Safety of Corticosteroid Implants in Non-infectious Uveitis: A Systematic Review with Network Meta-analysis RJ Vieira, B Sousa-Pinto, L Figueira Ocular Immunology and Inflammation 2021 30(1):215–222 · JIF: 3.7 (Q2) https://doi.org/10.1080%2F09273948.2020.1787463
	J02	Beware of word truncation in PubMed: unexpected problems and potential solutions RJ Vieira, B Sousa-Pinto, L Figueira BMJ Evidence-Based Medicine 2021 26(1):34-36 · JIF: 5.7 (Q1) https://doi.org/10.1136%2Fbmjebm-2019-111286
2016	J01	Trends in hospital admissions for obstructive lung disease from 2000 to 2010 in Portugal RJ Vieira, JA Fonseca, F Lopes, A Freitas Respiratory Medicine 2016 116:63–69 · JIF: 3.2 (Q2) https://doi.org/10.1016%2Fj.rmed.2016.05.018
		Oral presentations
2023	O3	Using real-world and secondary data to estimate the global burden of allergic rhinitis RJ Vieira RISE Day: The Societal Impact of Clinical Research, NA
	O2	Formular a questão de investigação: pertinência e exequibilidade RJ Vieira 28.º Congresso Nacional de Cardiopneumologia, Peniche, Portugal
2017	O1	Trends in hospital admissions for obstructive lung disease (OLD) in Portugal from 2000 to 2010 RJ Vieira, JA Fonseca, F Lopes, A Freitas IJUP - Encontro de Investigação Jovem da Universidade do Porto, Porto, Portugal

Poster presentations

2023 P2 Platelet transfusions in preterm infants: current concepts and controversies - a systematic review and meta-analysis

> A Assunção, HS Ribeiro, RJ Vieira, P Soares, H Guimarães, F Flor-De-Lima 23.° Congresso Nacional de Pediatria, Estoril, Portugal

2016 P1 Trends in hospital admissions for obstructive lung disease (OLD) in Portugal from 2000 to 2010

> RJ Vieira, JA Fonseca, F Lopes, A Freitas X Young European Scientist Meeting, Porto, Portugal

The Honourable mention

Software

R packages

2023 — present metainc, a package allowing for the quantitative approach to assess inconsistency in the meta-analytical context using decision thresholds

Shiny apps

2023 — present Indirect Costs of Allergic Rhinitis, an interactive Shiny app allowing for the estimation of indirect costs of allergic rhinitis given user-provided inputs