

# Sol Yates

RESEARCH ASSOCIATE · HONORARY RESEARCHER · RESEARCH ASSISTANT

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September 2025

## Experience

### Research Associate in Health Economics

Manchester, UK

MANCHESTER CENTRE FOR HEALTH ECONOMICS, UNIVERSITY OF MANCHESTER

Oct 2024 - Present

- Conduct health economic evaluations, including cost-effectiveness and utility analysis, using regression-based methods and decision-analytic models on key healthcare interventions.
- Collaborate with multidisciplinary teams to collect and analyse data for large-scale projects such as RECOLLECT, IMPRINT, and gene therapy studies, producing high-quality research output.
- Contribute to academic publications, presentations, and grant applications while actively supporting the development of the Manchester Centre for Health Economics.
- Chair meetings and interview potential interns
- Accredited Researcher (ONS, 2025–2030) – authorised to access secure microdata under the Digital Economy Act 2017 for research in the public interest

### Honorary Researcher

Manchester, UK

MANCHESTER UNIVERSITY NHS FOUNDATION TRUST

Nov 2024 - Present

Worked in an inter-disciplinary between Academia and Healthcare

### Research Assistant

Manchester, UK

ECONOMICS DEPARTMENT, UNIVERSITY OF MANCHESTER

Aug 2023

- Implemented support vector machines to predict poverty lines in Python. Performed study replication, data preprocessing, feature engineering, model training, and evaluation.
- Collaborated with team members and independently contributed to various aspects of the project.

## Education

### University of Manchester

Manchester, UK

MSc IN ECONOMICS

Sep 2023 - Aug 2024

- Grade: **Distinction**
- **Dissertation:** Differences-in-Differences with a Continuous Treatment : New Evidence and Applications
- **Key Modules:** Econometric Theory, Microeconometrics, Health Economics

### University of Manchester

Manchester, UK

BA IN ECONOMICS

Sep 2020 - Jul 2023

- Grade: **First Class**
- **Key Modules:** Econometrics and Data Science, Quantitative Methods, Microeconomics

## Skills

**Languages** R, Stata, Python, Matlab, C++

**Programs** Excel, Github, Word, Powerpoint

## Publications

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1. Rogers G, Landi S, Purssell H, Momoh T, Yates S, Street O, Piper Hanley K, Hanley N, Athwal V, Payne K (2025). Proactive case-finding and risk-stratification in people at risk of chronic liver disease in Greater Manchester: a cost-effectiveness analysis. **Preprint**. <https://doi.org/10.1101/2025.06.01.25328671>