Theo Rashid

theoaorashid@gmail.com | theorashid.github.io

Education		
2019–	**PhD in Epidemiology & Biostatistics, Imperial College London**	Modelling mortality in England, supervised by Majid Ezzati, James Bennett, Seth Flaxman and Mireille Toledano. Funded by the President's Scholarship
2015–19	**MSci in Physics with Theoretical Physics, Imperial College London**	First
2008–15	**Leicester Grammar School**	A Levels: Mathematics (A*), Further Mathematics (A*), Physics (A*), Chemistry (A*). GCSEs: 10 A*s including English.

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Experience

Summer 2019 Business Analyst, **Deecon Consulting**

Summers 2018, 2016 Researcher, **Space and Atmospheric Physics Group**, Department of Physics, Imperial College London

Summer 2014 Nuffield Research Placement, **Spectroscopy and Dynamics Group**, Department of Chemistry, University of Leicester

Selected Publications

2020 Kontis, V., Bennett, J.E., **Rashid, T.** *et al.* (2020). Magnitude, demographics and dynamics of the effect of the first wave of the COVID-19 pandemic on all-cause mortality in 21 industrialized countries. *Nature Medicine*, 26, 1919–1928.
Wang, S., **Rashid, T.** *et al.* (2020). A shortening of the life cycle of major tropical cyclones. *Geophysical Research Letters*, 47, e2020GL088589.

Conferences

2021 High resolution analysis reveals widening 30-year life expectancy gap within London, poster, **International Conference on Urban Health**

Teaching

2021 Teaching Assistant, **Population Health** in the Health Data Analytics and Machine Learning MSc, Imperial College London
Teaching Assistant, **Statistics for Public Health** in the MPH, Imperial College London

Skills

Statistical Bayesian inference, geospatial statistics, machine learning

Computational Highly proficient in R, Python
Experience in Julia, Stan, shell/ssh, git, high performance computing, LaTeX, Markdown, HTML, D3,js
Familiar with the Microsoft Office suite and CAD

Languages French (C1/B2)