

Corey Voller

After graduating from University College London with a M.Sc. in Statistics, I began working as a statistician in the field of health economics and outcomes research where I predominantly supported NICE HTA submissions. Subsequently, I developed a keen interest in gaining experience with clinical trials and later joined the Cambridge CTU. I have since worked on a combination of pragmatic and adaptive trials in a range of disease indications. Moreover, I enjoy looking for and developing opportunities and ideas. For example, progressing parametric survival tools using Bayesian approaches and creating a blog using Quarto and GitHub.

EDUCATION

- **University of Bath** UK
Ph.D; Statistics Sep 2024 - Present
Area of research: Efficient design and analysis of small population clinical trials with external data
- **University College London** UK
M.Sc; Statistics (Medical Statistics), Grade: Merit Sep 2020 - Sep 2021
Courses: Statistical Inference, Medical Statistical I/II, Bayesian Methods in Health Economics, Applied Bayesian Methods, Statistical Models and Data Analysis, Statistical Design of Investigations, Statistical Computing & Research Project
Research project: Alternative Methods of Data Fusion in Metabolomic Cancer Diagnostics
- **Keele University** UK
B.Sc (Hons.); Mathematics, Grade: First Sep 2016 - July 2019
Relevant courses: Medical Statistics, Mathematical Modelling, Probability & Computational Mathematics

WORK EXPERIENCE

- **Royal Statistical Society** Remote
Accreditation Assessor Jul 2024 - Present
- **Cambridge Clinical Trials Unit - University of Cambridge** Cambridge, UK
Statistician (Full-time, Fixed Term) Apr 2023 - Aug 2024
 - Worked in multidisciplinary teams comprising of clinicians, trial coordinators, data programmers and data managers on a range of clinical trials from phase II to phase IV.
 - Responsible for supporting the trial design including sample size estimations, methodology, randomisation and analysis methods, analysis of trials and writing statistical reports.
 - Applied knowledge of R, SQL and git to create statistical reports and contributed to standardising work practices.
- **Lumanity (HEOR)** London, UK
Statistician Level II (Full-time) Sep 2021 - Apr 2023
 - Provided statistical analyses to support health technology assessment to leading pharmaceutical companies.
 - Investigated and applied standard & novel statistical methods to a wide range of projects involving indirect treatment comparisons, population adjusted indirect comparisons (MAIC/STC/Meta-Regression), survival analysis, utility analysis and PLD analysis, presenting the results to senior clients.
 - Conducted feasibility assessments, developed statistical analysis plans, manuscripts for publication, reports, slide decks and created/distributed a statistical package in R across multiple teams using GitHub.
- **DSP TV/ National Geographic US** Remote
Mathematical Modeller (Part-time, Contractual) Feb 2020 - Jun 2020
 - Provided 3-D models and mathematical solutions for 9 episodes of a TV show called 'Made In A Day' produced by the National Geographic US.
 - Worked in a multidisciplinary team, leading and contributing to the mathematical thinking. This helped develop time management and communication skills as ensuring the deliverables were finished on schedule was essential.
 - Utilised strong research skills to create accurate and justifiable models, in addition to the ability to work well independently and as part of a team.
- **MyTutor/Tutorful** Hybrid
Maths Tutor (Part-Time) January 2020 - August 2022
 - Taught mathematics and statistics to students with diverse backgrounds ranging from GCSE to postgraduate level.
 - Designed, created and carried out lessons on a weekly basis whilst also providing students with effective techniques to improve studying efficiency and exam performance.
 - Maintained a 100% 5-star rating, receiving positive feedback from students & parents.

PROFESSIONAL MEMBERSHIPS

Royal Statistical Society

GradStat

Member Number: **215972**

Jan 2021 - Present

SKILLS

Programming

- R: dplyr/tidyverse, data.table, ggplot2, Rmarkdown & RShiny
- Python: Matplotlib, NumPy & Pandas
- SQL

Software

- Git, LaTeX, Microsoft Office, STATA & WinBUGS

PUBLICATIONS

- *Comparative efficacy, quality of life, safety, and tolerability of atogepant and rimegepant in migraine prevention: A matching-adjusted indirect comparison analysis. Cephalalgia.* 2024;44(2). doi:10.1177/03331024241235156.