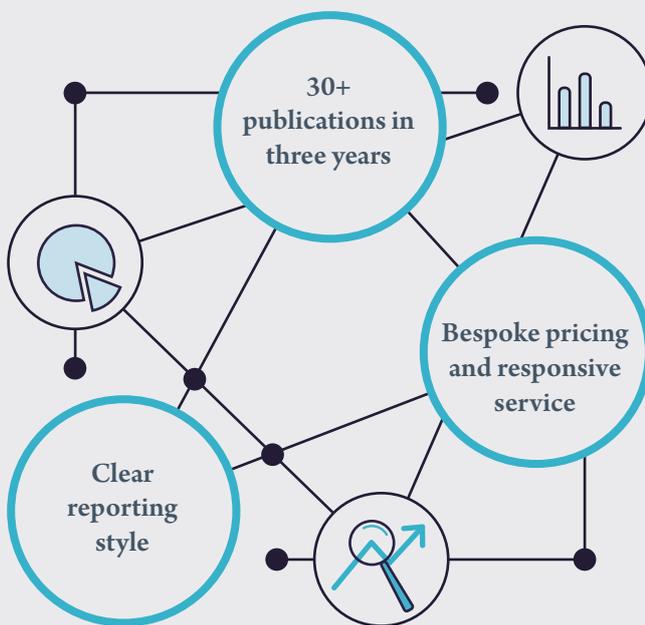


Data Sciences

Stats at Your Service

Data analysis, reporting and insight for quality medical research studies with special interests in oncology, cardiovascular disease and other thrombotic conditions



Expertise

- Study design (randomized clinical trials and observational studies)
- Observational data analysis (covariate adjustment, propensity scores, causal inference methods)
- Survival methods
- Categorical data analysis
- Machine learning
- Longitudinal analyses



We successfully partner with biotech, pharma and clinical investigators in protocol and grant development, presentations for major meetings and publication in peer reviewed journals, e.g:



How we'll work for you

- Help design the study
- Utilise the most appropriate and current statistical methods
- Produce a production-ready statistical report
- Provide writing services for peer reviewed journals and presentations

Case Study: GARFIELD-AF

GARFIELD-AF is the largest global registry of prospective AF patients. Using data from 57,000 patients, we produced published articles, international symposiums, and developed an innovative AF risk calculator.



CASE STUDY 1.1

Setting Standards for Data Quality

For a Nov 2016 article in the European Journal of Cardiology we designed, articulated and applied robust data quality standards for the GARFIELD-AF registry suitable to guide other registries when testing treatments used outside clinical trials.



CASE STUDY 1.2

Driving Clinical Insight

Are geographical variations in outcomes accounted for by baseline clinical risk factors and stroke prevention strategies? On examining the data of 52,014 patients we showed that demographics and clinical characteristics of patients with incidental AF only account for part of the variability in outcomes among countries. This variability indicates country as well as patient characteristics should be considered in future study design.



CASE STUDY 1.3

Underscoring Innovation: Risk Calculator Development

A valuable resource for clinicians to assess patients' risk of stroke, major bleeding and mortality when placed on varying treatment paths, the GARFIELD-AF calculator is fully validated and outperforming current go-to models. Risk estimates are underpinned by data we organised from 52,000 patients. Visit af.garfieldregistry.org to try it.



Researcher Insight

The care and clarity Karen and her team bring to their statistical work is laudable – a real boon to conveying the most important insights from our work, and on a personal level they are always friendly and responsive.

Professor John Camm

Talk to us ... how can we help you?

To learn more about our methods, how we can help your research project, and get a bespoke estimate, email Karen Pieper (Head of Statistics) at kpieper@tri-London.ac.uk