Job Description: Junior Statistician / Analyst

Department: Real-World Insights (RWI) Centre of Excellence for Retrospective Studies & HEOR Team

Location: London or Amsterdam

Duration: Permanent

The team & the company

IQVIA Real-World Insights (RWI) is a fast-growing and highly successful consultancy business, focusing upon on delivering tangible business results to our clients who are key decision-makers and business managers across the international pharmaceutical and healthcare industry. With direct access to the world's most comprehensive healthcare information, analytic and research resources, IQVIA RWI experts deliver deep insights derived from statistical analyses of healthcare data.

The IQVIA HEOR team includes around 200 highly qualified multi-disciplinary professionals in a variety of health economics, statistics, health and epidemiology-related disciplines based in 12 geographies and has delivered projects covering over 50 countries. Our North Europe, Middle East, South Asia & Africa (NEMESA) HQ is situated in King's Cross, London.

Our clients operate in the life sciences industry, including the global top 20 pharmaceutical, medical device and biotech companies, as well as public health providers and regulatory authorities. They are looking for insight and evidence around the safety, efficacy, effectiveness and cost-effectiveness of health care delivery systems, medical devices, and pharmaceutical products spanning the full spectrum of therapeutic and disease areas. Our diverse mix of clients, the breath of disease areas, as well as increasing access to novel data sources and methodologies provide a constant and rewarding challenge for our people.

For more information about our company please visit our website: https://www.iqvia.com/

Role purpose

This role will offer you the opportunity to work on a variety of large patient-level datasets (owned or accessible to IQVIA) and support the regional Health Economics and Data Science teams. The role will be focused on generating value and insight from the application of Real-World Data to solving healthcare-related problems for pharmaceutical and healthcare clients. This role requires capabilities in the preparation and analysis of (patient-level and aggregate) data, according to agreed protocols and statistical analysis plans. The audience for these analyses will be various life-sciences customers as well as healthcare payers, providers and regulators. The successful candidate will have excellent skills in the presentation of analyses and in the communication of their findings, be that in tabular, graphical or descriptive form. You will also play a role in designing studies, providing input into proposals, protocols and/or the statistical analysis plan (SAP), as well as, helping to ensure high quality outputs by contributing to the quality control of deliverables.

Qualifications and Skills

- MSc, PhD or equivalent in statistics, biostatistics, epidemiology, applied mathematics or in a related discipline
- Strong statistical programming skills in a statistical package (preferably SAS, Stata and/or R)

- Good understanding of: retrospective patient-level studies (including database analyses) and meta-analysis studies
- Fluency in English (spoken and written)
- Strong written and verbal communication skills
- Good team-based interpersonal skills
- Excellent attention to detail and ability to check own work so that drafts are delivered to a high quality
- Strong time-management and organisational skills
- Enthusiasm for HEOR, statistics and/or epidemiology, including a flexible & problem-solving mindset

Preferred Qualities

- Advanced skills in WinBUGS/OpenBUGS, SQL and/or Excel
- Exposure to the healthcare and pharmaceutical industries
- Prior experience working in a consultancy, CRO or other service sector in the healthcare industry

Responsibilities

- Contribute to writing of study proposals, including the writing of statistical analysis sections
- Write SAPs, programming specifications, table shells and figures as required
- Specify and/or extract data from databases using SAS/R/SQL; prepare and analyse datasets according to study protocol and SAP
- Conduct evidence synthesis by means of meta-analysis, indirect treatment comparison or network meta-analysis (frequentist or Bayesian) using patient-level and/or aggregate data (e.g. from literature review)
- Write and present results of statistical analysis appropriate for the intended audience
- Assist in the dissemination of any clinically relevant findings through articles, posters and presentations
- Develop knowledge of consulting methodology through delivery of engagements and participation in learning opportunities, both formal and informal

If you're interest, please send a cover letter and your CV to:

Lynn Panton, Senior Talent Acquisition Specialist LPanton@uk.imshealth.com

and Andreas Karabis, Principal RWI, andreas.karabis@iqvia.com