

Certara is the leading biosimulation and regulatory writing consultancy, focused on optimizing and increasing the predictability of the most crucial R&D, regulatory and patient care decisions. We provide a wide range of products, services and solutions that enable our clients to achieve key drug development milestones. Our portfolio spans the discovery, preclinical, clinical and post-marketing phases of drug development, working with 1,200 commercial companies, 250 academic institutions and numerous regulatory agencies.

We are currently looking for a Bayesian modeler/statistician with strong analytic skills within our modelling team of Data & Decision Analytics. This role offers an opportunity to expand your professional experience in a fast-growing company. We have possible position locations in Lörrach, Germany and Paris, France.

Role and responsibilities

As a Bayesian modeler/statistician, your day-to-day responsibilities will include:

- Responsible for statistical tasks and modelling studies to the highest degree of client satisfaction using appropriate techniques. Initiate, drive and implement novel methods for Bayesian inference and complex statistical models and innovative trial designs in alignment with the Lead Statistician.
- Work hand in hand with a team of statisticians and epidemiologists for project delivery.
- Support delivering on the technical part of consulting projects and assist in training statisticians and epidemiologists on modelling and analysis skills.
- Participate in explaining statistical methodology and interpreting analysis results. Provide statistical expertise to support submission activities and documents.
- Participate in business development activities, such as proposal and deliverable report writing.
- Collaborate with other line functions. Explain statistical concepts in an easily understandable way to non-statisticians and provide adequate statistical justifications for actions/decisions/statements, when required.
- Establish and maintain sound working relationships and effective communication, internally and externally.

Minimum Requirements

What you will bring to the role

- MS (in Statistics or equivalent) with 3+ years relevant work experience or PhD (in Statistics or equivalent) with relevant work experience strongly preferred
- Fluent English (oral and written)
- Good communication and presentation skills
- Strong programming skills in R, python or other relevant languages
- Experience with Bayesian software such as Stan or PyMC3
- Experience in Bayesian modelling, parametric and non-parametric analyses, mixed-effects models, network meta-analysis, imputations, survival analysis, cluster analysis, multi-state modelling etc
- Experience with epidemiological and healthcare databases is a plus.
- Pharma industry experience is a plus.
- Demonstrated effectiveness working on a multidisciplinary team to achieve team objectives

If you are interested, please send your CV and covering letter to Shuai.Fu@certara.com.