In your role of an RWE Statistical Advisor, you act on a therapeutic area (TA) level in both supporting clinical development teams on the integration of RWE into clinical development as well as initiating and performing statistical analyses using RWD at the therapeutic area level.

**Tasks & responsibilities**

- Act as a RWE statistical advisor. Contribute to TA specific RWE strategies that integrate RWE into clinical development thereby supporting the BDS TA Head and the TA Statistician. For example, use of RWD in trial planning-sample size planning, probability of success, external control and adaptive design; pragmatic trial planning; incorporating novel RWD opportunities, e.g. tokenization and personalized patient health network platform, in clinical development.
- Support Clinical Development team in RWE related tasks. For example, analysis of RWD that can be used to support trial planning, non-intervention study planning and analysis (where needed).
- Collaborate with other BDS functions on driving statistical/methodological innovation with respect to RWE related aspects. For example, pharmacoepidemiology methods, causal inference, machine learning, pragmatic trial, digital epidemiology methods, trial emulation/external control and Bayesian borrowing.
- Consults and supports clinical development teams in the implementation of related methods and strategies.
- Ensures that BDS RWE strategies are aligned with other experts most prominently from the related departments.

**Requirements**

- PhD or Master’s degree in Statistics or Mathematics or related field (pharmacoepidemiology, Data Science, Health Economics, etc.). At least five years of experience as a statistician or data scientist. Working experience might be compensated by broad and deep topic-specific knowledge with respect to one of the focus areas in RWE.
- Experience as project statistician and have advanced knowledge of clinical development (including medical affairs and market access). Experience of working within a pharmaceutical company or a CRO is a plus.
- Advanced knowledge of statistical methodology related to one of the focus areas e.g., pharmacoepidemiology methods, causal inference, machine learning, pragmatic trial, digital epidemiology methods, trial emulation/external control and Bayesian borrowing.
- Advanced knowledge on the non-statistical aspects of the respective focus area.
- Hand-on experiences analyzing RWD, e.g., EHR, claims data or registry data and OMOP common data model is a plus.
- Proficiency in the use of a statistical software language (e.g. R or SAS) to implement statistical concepts.

**Ready to contact us?**

Please contact our Recruiting Team, Tel: +49 (0) 6132 77-173173
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