



**DATA MANAGEMENT & ANALYTICS**

# STATISTICAL PROGRAMMING AND BIOSTATISTICS

**HIGH-QUALITY, RELIABLE, AND TRUSTWORTHY DATA SETS AND ANALYSES**

**OUR EXPERIENCE PROVIDING  
STATISTICAL PROGRAMMING  
AND BIOSTATISTICS**

**675+**

studies for top-tier pharmaceutical,  
biotech, and medtech companies  
and CROs

**15+**

| years

**~20**

| therapeutic areas

**FROM PRECLINICAL AND  
EARLY PHASE STUDIES TO  
REGULATORY SUBMISSIONS AND  
POSTMARKETING ACTIVITIES**

**DRUGS, VACCINE, AND  
DEVICE STUDIES**

**MULTIPLE STUDY DESIGNS  
INCLUDING ADAPTIVE  
METHODS, BAYESIAN  
TECHNIQUES, BASKET TRIALS,  
SIMULATIONS, SEAMLESS  
TRIALS, UMBRELLA TRIALS,  
AND REAL-WORLD STUDIES**

**OUR SCALABLE, COST-EFFECTIVE, GLOBAL TEAM  
IS SKILLED AT IDENTIFYING THE RIGHT DATA FOR  
ANALYSIS AND MEETING REGULATORY COMPLIANCE  
WORLDWIDE.**

With Veranex Statistical Programming and Biostatistics services,  
your studies benefit from:

- A 250-person team continuously trained on new technology and solutions
- Right-sized team to meet study needs and timelines
- Consistent, dedicated resources who are integrated within your teams
- Flexible, around-the-clock coverage from team members worldwide
- Quality deliverables from a team that considers all aspects of the study and understands how their work affects other study components
- Close collaboration between our statistical programmers and statisticians for accurate analysis and reporting that adhere to the study specifications and plans
- Knowledge of multiple regulations, including 21CFR, ICH GCP, US FDA, UK/NICE SI, and EU CTR
- When needed, full study support from planning through completion or rescue studies

## We provide a comprehensive set of Statistical Programming and Biostatistics services.

### Our Statistical Programming services include the following:

- Blinded/unblinded data review and analysis support
- Creation, SAS programming, review, validation, and/or interpretation of TLFs based on the statistical analysis plan (SAP)
- Support for PK/PD parameter calculations
- Analysis supporting all therapeutic areas, including cardiac safety data (pilot and thorough QTc studies)
- Analysis of all study types, including observational studies
- ISS(SCS)/ISE(SCE) analysis
- Mapping and conversion of legacy study data to current standards
- CDISC services: SDTM, ADaM, Define.XML, Reviewer's Guide
- Patient profile reports, PD listings, BIMO listings, and Narratives
- Statistical and programming support for data monitoring committees (DMC, DSMB)
- Support with regulatory submissions, queries, and reporting for DSUR, PSUR, and 120-day safety updates
- Postmarketing data analyses and reporting

**WE'VE PROVIDED SAS PROGRAMMING FOR 4 OF THE TOP 7 CROs ALONG WITH 3 OF THE TOP 5 GLOBAL LIFE SCIENCE COMPANIES.**

### Our Biostatistics services and consulting include the following:

- Protocol development and review, including statistical sections, sample size, power calculations, and randomization methodology
- SAP development and mock shell creation with adaptable approaches
- Development of the randomization plan development, schedule generation, review and implementation, and RTSM support
- Blinded/unblinded data review and analysis
- PK and PK/PD analyses and modeling
- Analysis supporting all therapeutic areas, including cardiac safety data (pilot and thorough QTc studies)
- Support and consulting for DSMB, DMC, and interim analysis
- Review and interpretation of TLFs
- Exploratory analyses for publications, abstracts, and marketing, including meta-analysis
- Representation at regulatory agency meetings

**VERANEX HAS EARNED ISO 9001:2015 CERTIFICATION FOR ITS QUALITY MANAGEMENT SYSTEM AND ISO/IEC 27001:2013 CERTIFICATION FOR ITS SYSTEMS AND PROCESSES FOR MANAGING SENSITIVE COMPANY INFORMATION.**

## STATISTICAL PROGRAMMING, BIOSTATISTICS, OR BOTH – VERANEX HAS YOU COVERED.

Both our Statistical Programming services and Biostatistics services and/or consulting are available project-by-project or in combination to provide full-service support under our functional service provider (FSP) model. Our FSP model offers flexible services tailored to the unique needs of your clinical research, backed by our:

- Skilled resources trained on your processes
- Robust capacity management models for quick ramp-up and down
- Therapeutic area-based teams (based on therapeutic areas expertise) connected by a centralized governance structure for consistency across your portfolio
- Proven FSP process, starting with the selection of an appropriate data capture system through database lock of submission-ready data