SEND Explorer Product Family

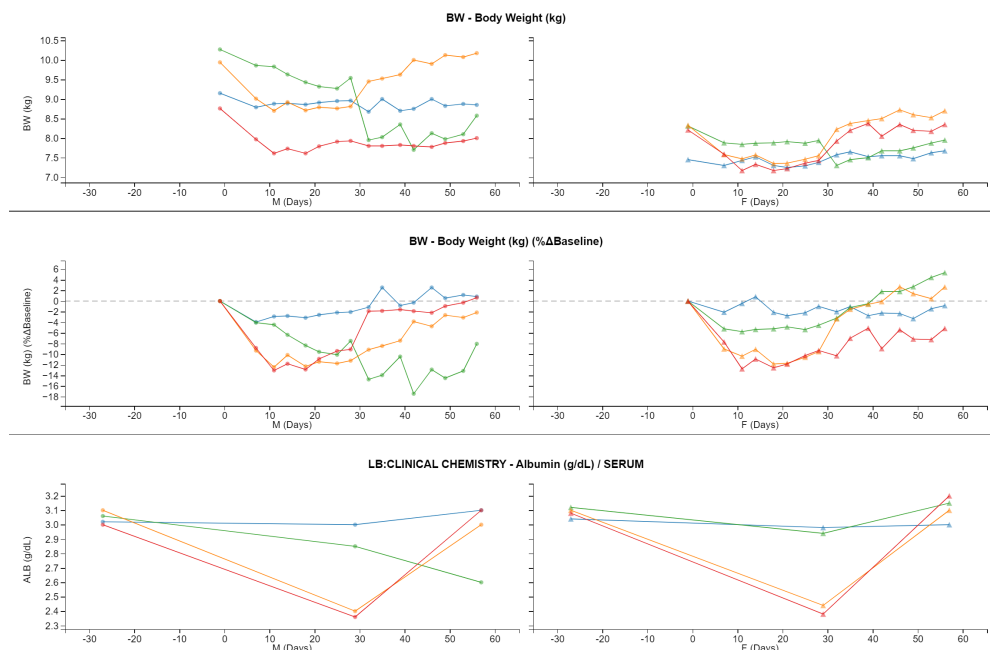## Access and visualize nonclinical data for confident decisions

SEND Explorer® is a validated, web-based application designed by scientists to provide advanced viewing, data summarization, and visualization capabilities for nonclinical study data. SEND Explorer can consume data in SEND 3.0/3.1 format, in a variety of non-SEND data formats (including interim study formats), and via direct connection to a data collection system. SEND Explorer Software empowers scientists to interact with their study data, visualize treatment and/or time-related patterns, and communicate relationships with other scientists. SEND Explorer allows organizations leverage their investment in creating SEND datasets for regulatory submissions by making study data and associated visualizations readily accessible to scientists for internal decision-making.

Certara also offers toxicology, nonclinical and other IND-enabling support with our drug development consultancy to help you reach your goals. Contact us to learn how our tools and quantitative approaches have helped thousands of clients.

Visualize patterns and trends over time

SEND Explorer provides an "easy-button" which scientists can use to generate single-study plots from nonclinical study data to reveal dose-response and timecourse patterns including:

- Summary View for Numeric Data to visualize patterns and trends in numeric data with summary statistics, scatterplot, outof-concurrent-control range indicator, and % control mean calculations

- Summary View thumbnail plots to display distribution of subject data across groups

- Line Graphs to visualize patterns of group means and individual subject data over time

- Clinical Observations Timecourse to reveal dose-related patterns and trends in clinical observations over the course of a study

- Severity Heatmap to visualize patterns and trends in both incidence and severity of pathology findings

- Cross-Domain Subject View to put a subject's data into perspective as compared to its own group and control group, on a single day or over time
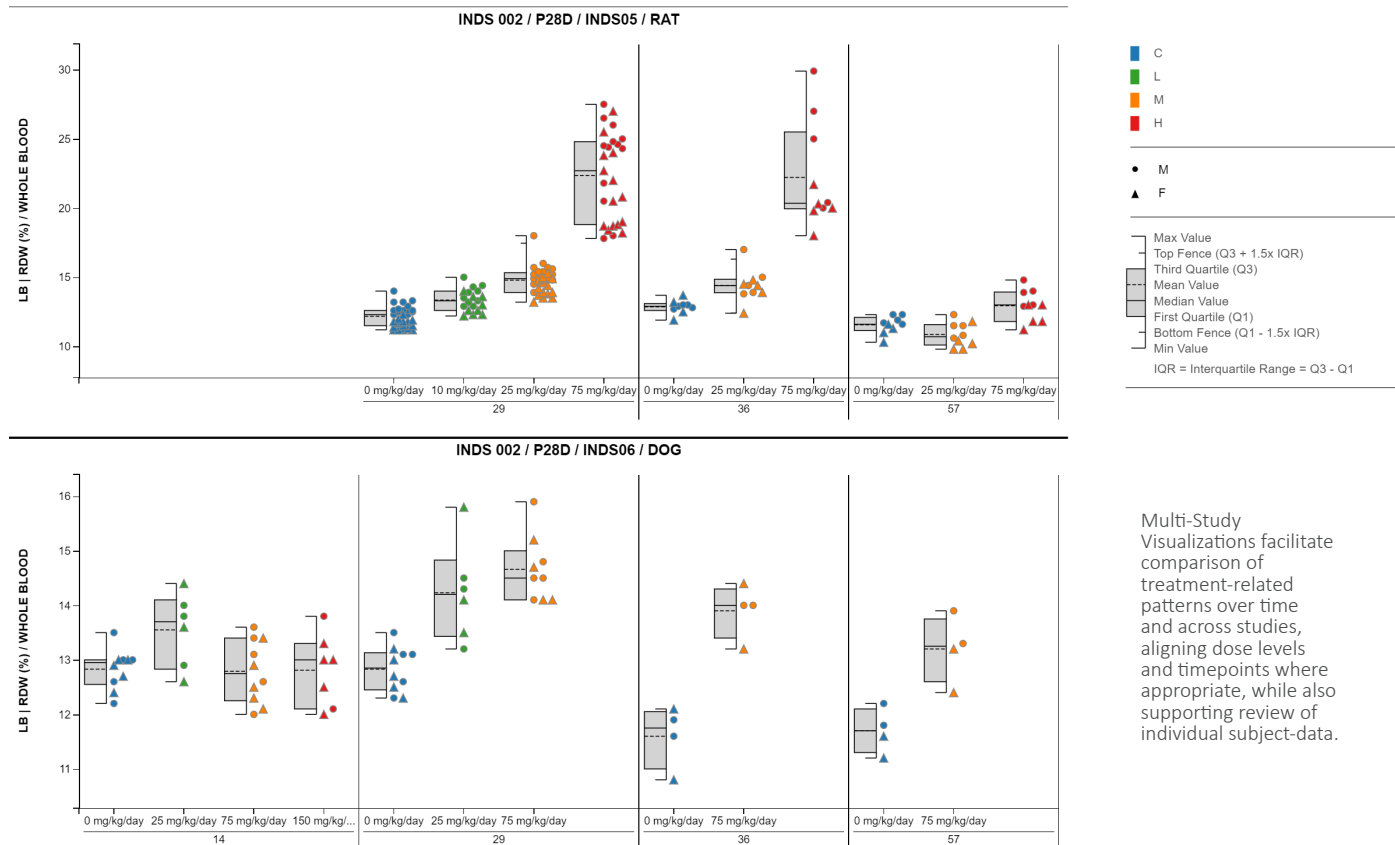

The Multi-Endpoint Line Graph allows the scientists to plot selected endpoints side-by-side, drill down to subject level data, and overlay error bars. Plotted endpoints can include absolute meaures or % change from baseline.

Gain insights from multi-study visualizations

SEND Explorer provides powerful yet intuitive cross-study querying capabilities and multi-study visualizations.

- Correlations Matrix to reveal pairwise correlations of endpoints for selected subjects, identifying those with histopathology findings in tissues of interest

- Multi-Study Scatterplot Timecourse to compare and contrast dose-response and timecourse relationships in a selected endpoint for a group of related studies

- Multi-Study Histopathology Barchart to visualize prevalence and severity of histopathology findings across studies or in untreated control subjects

- Historical Control Distribution to reveal the distribution of numeric data in control subjects across studies, stratified by selected fields of interest

Multi-Study Visualizations facilitate comparison of treatment-related patterns over time and across studies, aligning dose levels and timepoints where appropriate, while also supporting review of individual subject-data.

Learn more

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About Certara

Certara accelerates medicines using proprietary biosimulation software, technology and services to transform traditional drug discovery and development. Its clients include more than 2,000 biopharmaceutical companies, academic institutions and regulatory agencies across 62 countries.

For more information, visit **www.certara.com**.