COMMONWEALTH INFORMATICS

COMMONWEALTH QUANTITATIVE SIGNAL DETECTION SERVICES

FIT-FOR-PURPOSE SIGNAL DETECTION & SIGNAL MANAGEMENT CAPABILITIES

Commonwealth Quantitative Signal Detection Services from Commonwealth Informatics support drug safety reviewers with the detection of safety signals from the FDA Adverse Event Reporting System (FAERS).

Commonwealth Quantitative Signal Detection Services, paired with the Commonwealth Informatics team's experience and expertise helps smaller safety groups proactively and effectively manage risk.

- **The Latest FAERS & VigiBase Data**
- **Organized MedDRA Term Scores**
- **Collaboration with Signal Detection & Signal Management Experts**
- **Scheduled Data Mining Reports**
- **Clear Results Displayed in PDF & Excel**
- **Proven Statistical Methods**

ADOPT THE COMMONWEALTH QUANTITATIVE SIGNAL DETECTION SERVICES

REDUCED COSTS
Access to industry-standard signal detection techniques and experts without the costs of internal expertise and infrastructure.

EASY STARTUP
Fit-for-purpose analysis and output designed by signal detection experts to achieve regulatory compliance.

TRANSPARENT PROCESS
Intermediate analysis results available for review and auditing.
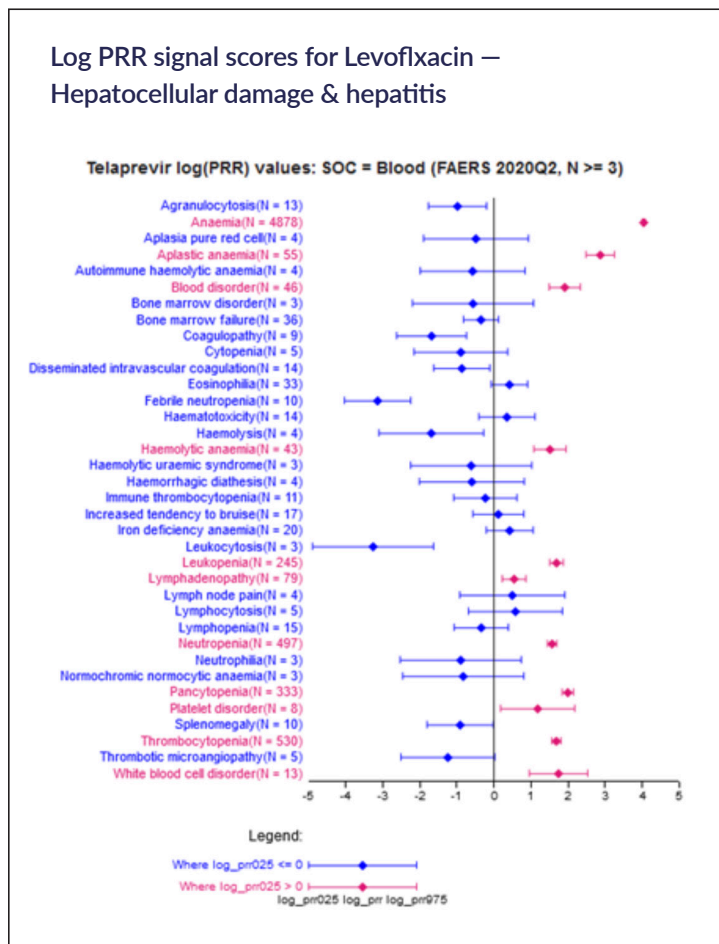
RELIABLE RESULTS
Validated reports designed and delivered by safety industry leaders.

ASSISTANCE IN INTERPRETING RESULTS
Subject-matter experts and data scientists help you interpret data mining results.

PROVEN STATISTICAL METHODS

The statistical methods and data visualization techniques have been developed in collaboration with safety scientists in regulatory and sponsor organizations in the USA and Europe.

Example forest plot graphical display of PRR signal scores for a therapy and event combination available in Commonwealth QSD Reports.

CLEAN DATA & RELIABLE RESULTS

It's critical for safety reviewers to have confidence that the adverse event data provides accurate and reliable results. Commonwealth's extensive experience in cleaning spontaneous report data for optimized data mining includes:

» Mapping adverse event reports to a consistent event terminology.

» Drug name harmonization, cleaning verbatim drug names, and mapping trade and generic names.

» Quality assurance of the updated data prior to release for use.

READY TO GET STARTED?

Visit **commoninf.com** or contact us at **sales@commoninf.com** for a demonstration.

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