Beaconcure

Navigating Complexity: Smarter Process for Better Workflows

Achinoam Ravet Perel

Head of customer success

Detours and Wrong Turns

Resultant Workflow Pain Points:

- Broken/redundant communications
- Extended review cycles
- Delayed issue resolution
- Limited visibility into ongoing review activities

- Difficulty maintaining traceability & Lost of institutional knowledge
- Inconsistent implementations
- Risk of late-stage errors
- Manual Work

Static Displays Limits Automation and Reuse

Resultant Pain Points:

Valuable insights **locked in** static formats

Lack of standardization drives **inconsistency** at scale

Poor traceability weakens confidence and oversight

Redundant efforts - Rework and duplication inflate time, cost, effort

Fragmented documents **prevent end-to-end alignment** from objectives to outputs

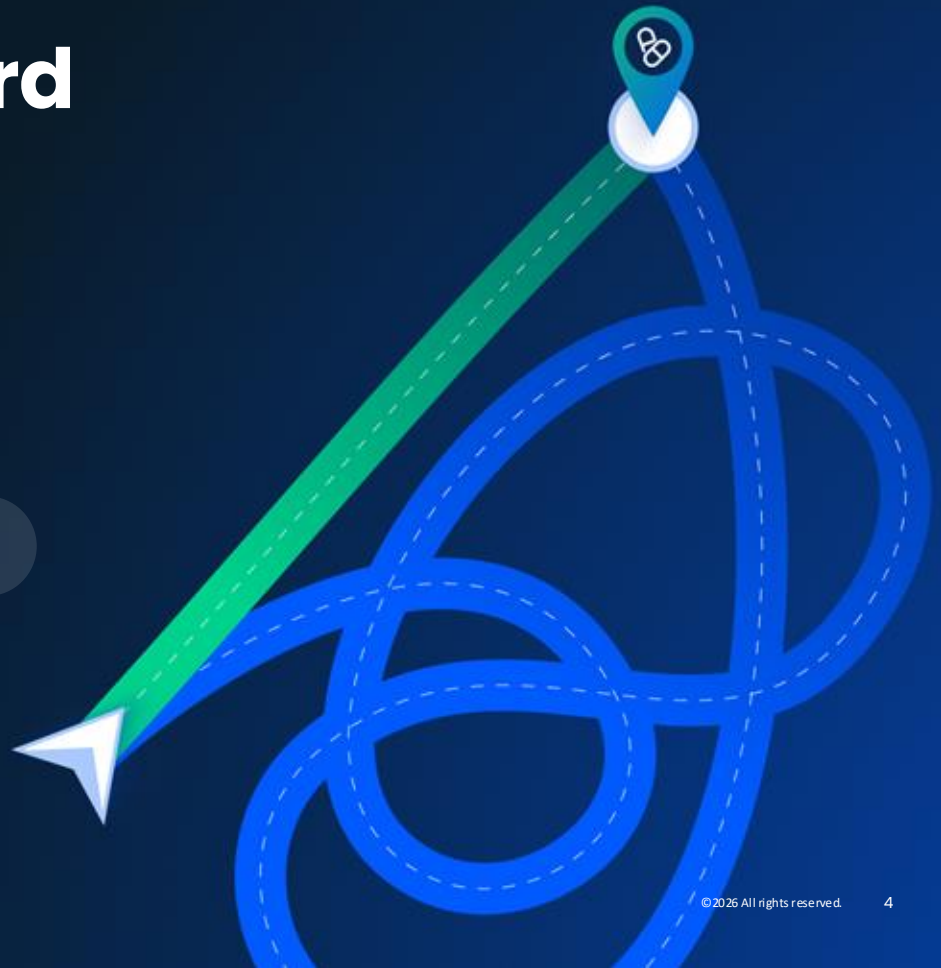
Slow, **manual updates** limit responsiveness to change

Beaconcure

A Clear Path Forward
The Solution

A Centralized Platform for Seamless Data Analysis Review Management

- Digitizing documents
- GenAI validation
- Centralized review & QC tracking

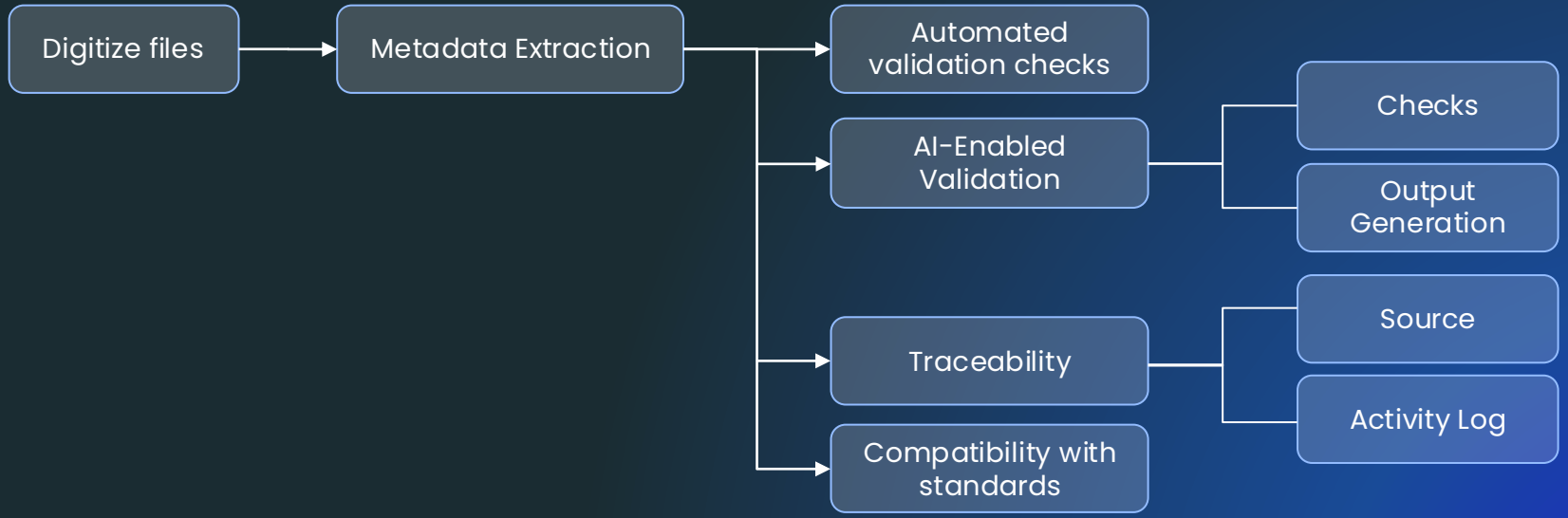


Beaconcure

The solution

Real-World Implementations

Centralized review platform



Real-World Implementation

Digitizing Documents

Getting a head start

AI-Enabled Conversion of Static Files into a Robust Structured Database

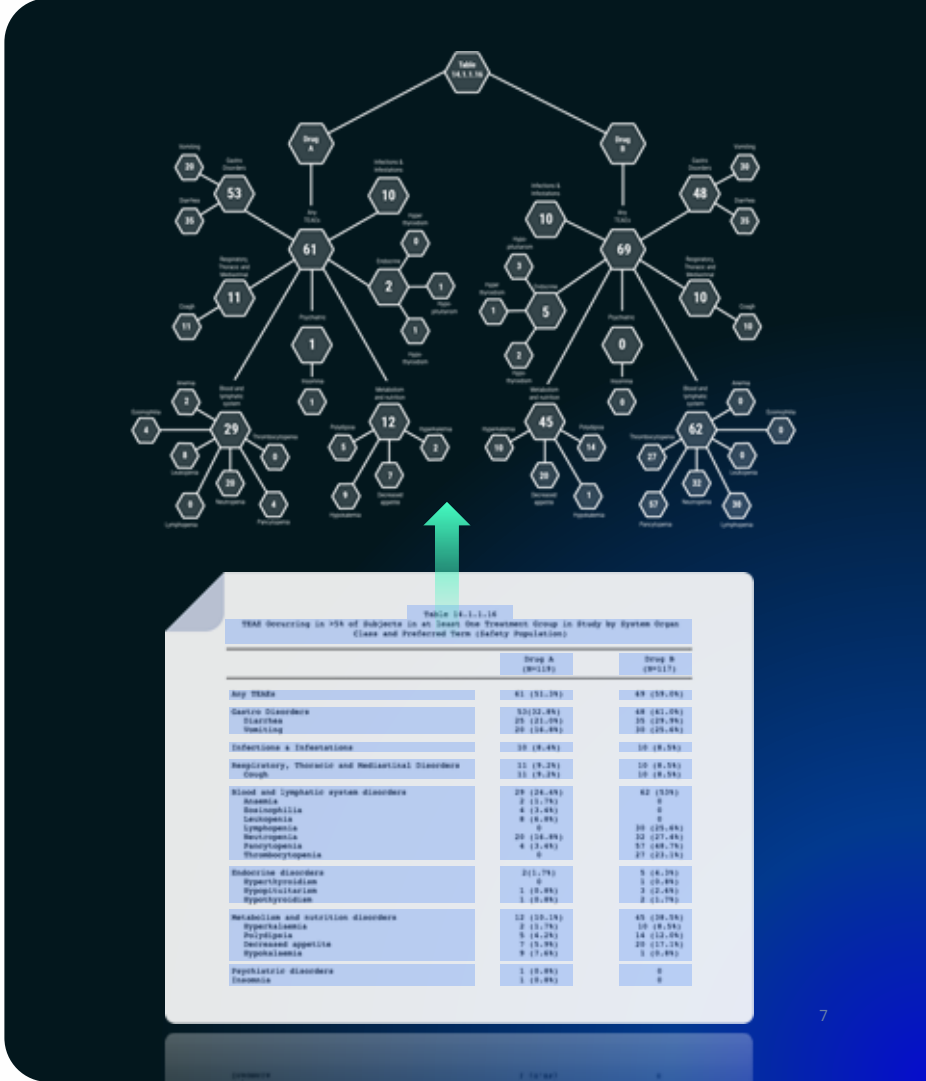
The Process

Parsing

Deconstructing to cell level and categorizing

Metadata extraction

structured metadata support standardized checks and automated analysis



Beaconcure

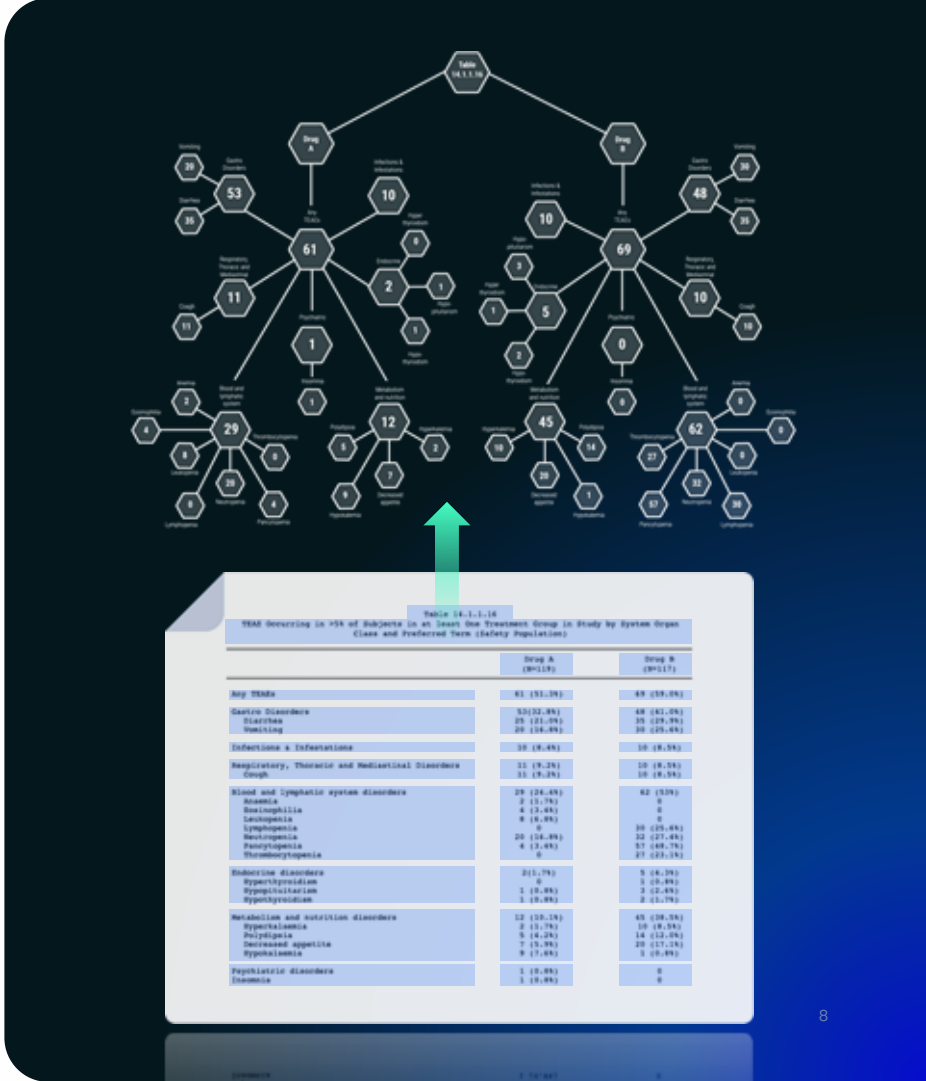
AI-Enabled Conversion of Static Files into a Robust Structured Database

The Process

Parsing → **Metadata extraction**

Deconstructing to cell level and categorizing

structured metadata support standardized checks and automated analysis



Benefits:

- Enables connections between table sets and:
  - Standards compliant
  - Multiple places within a table or table set
  - Reuse across studies and programs
- AI model continuously improves with more data and adapts to new formats

Beaconcure

Real-World Implementation

Automated Output Generation & Traceability

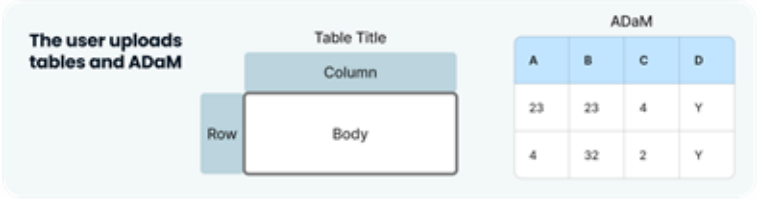
Confidence in every step and every output

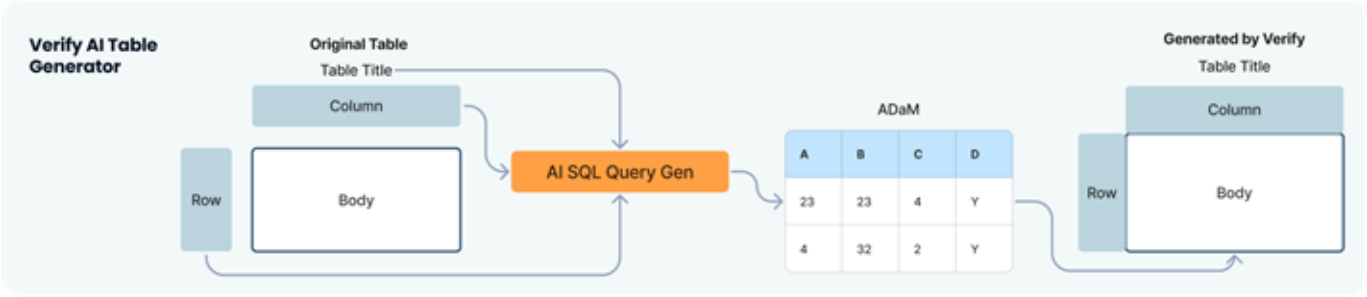
Beaconcure

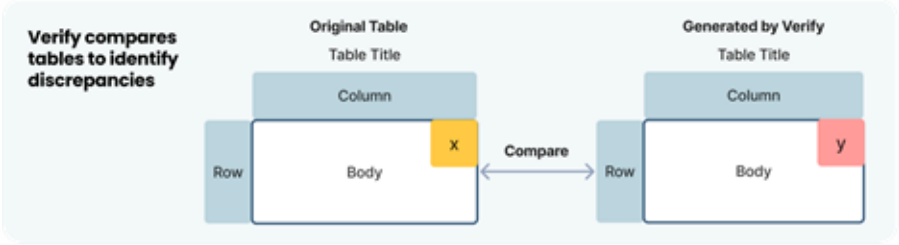
Innovative Approach for Output Validation

Within the Verify Platform:

- Dedicated interface to inspect, validate, and flag discrepancies
- Embedded automation to identify mismatches and inconsistencies
- Integrated mechanism for programmers to document and communicate issues







AI-Enabled Output Generation

Programmer-Generated Table

N=5

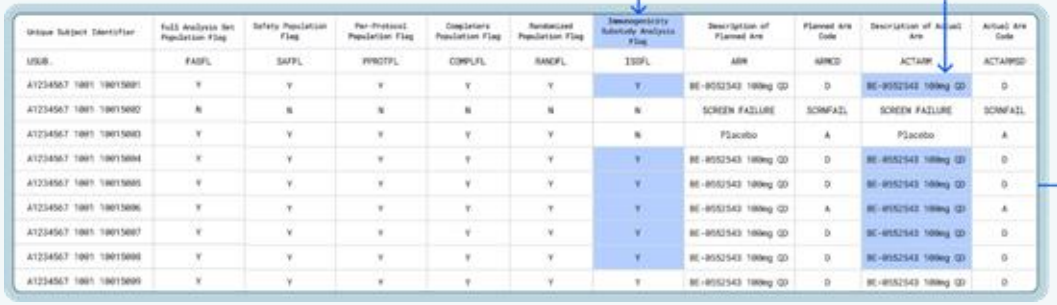
Compare & Decide:
Update TLF title or subset

Verify-Generated Table

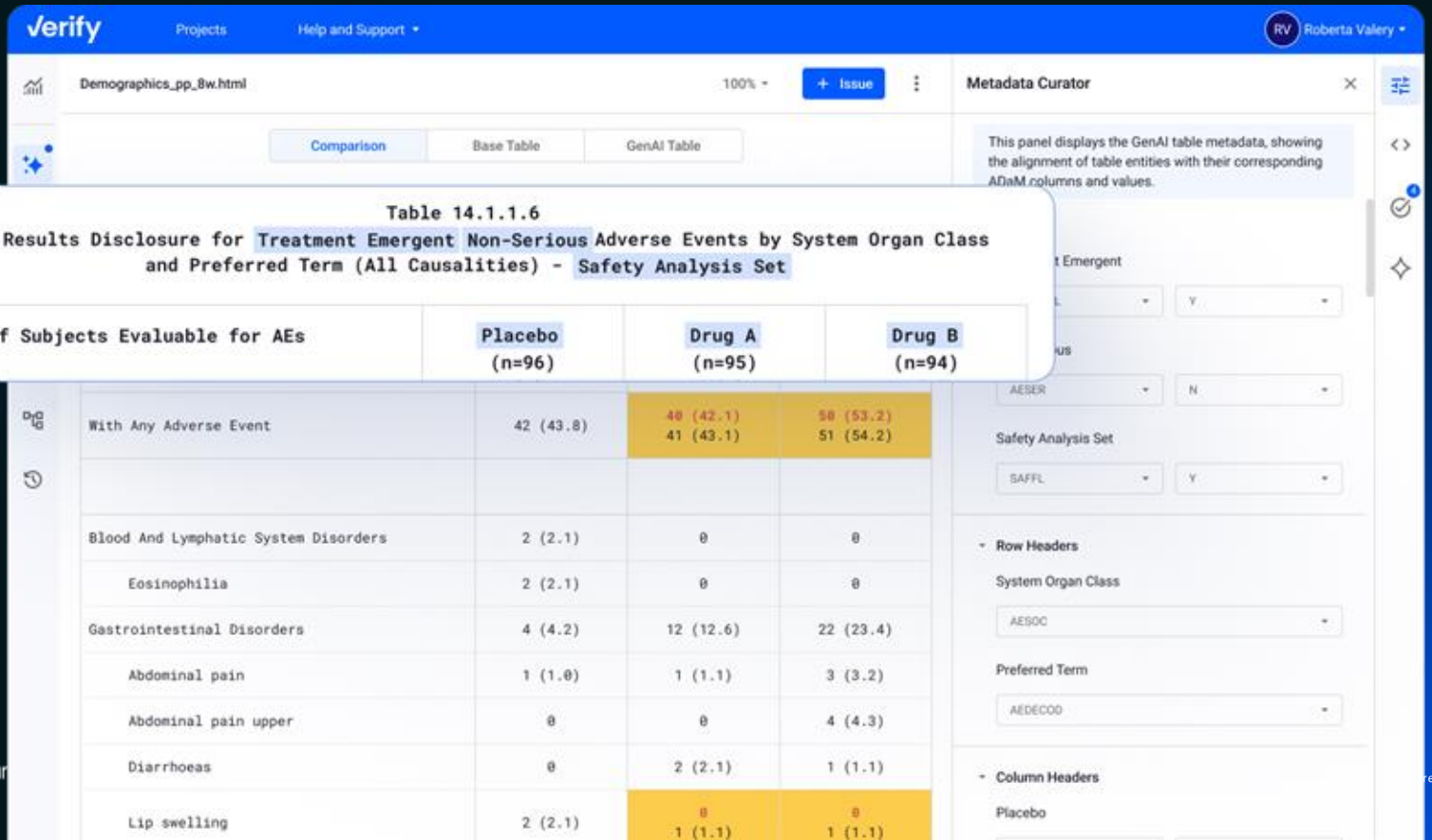
N=6

ADAM Dataset

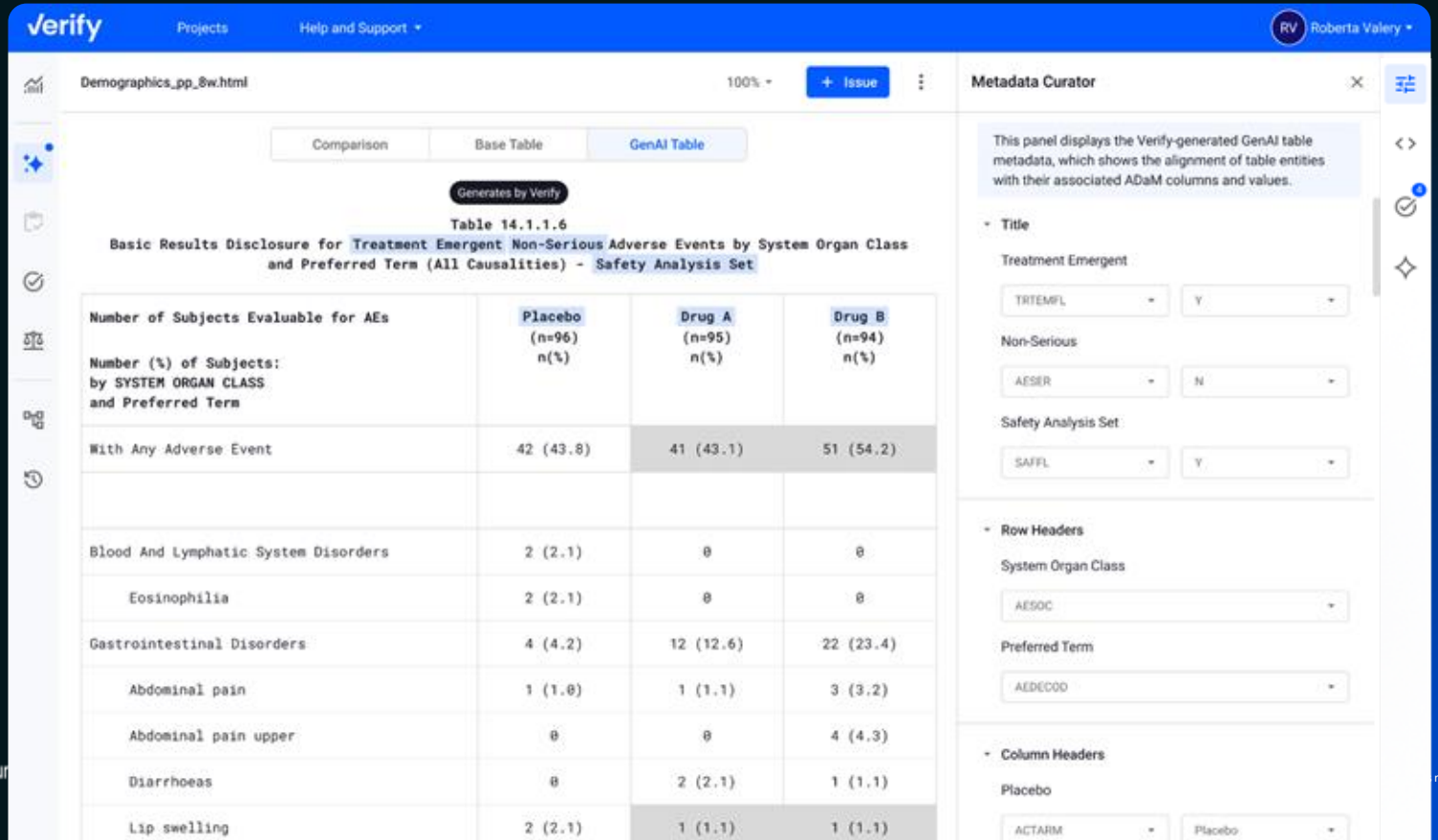
N=6



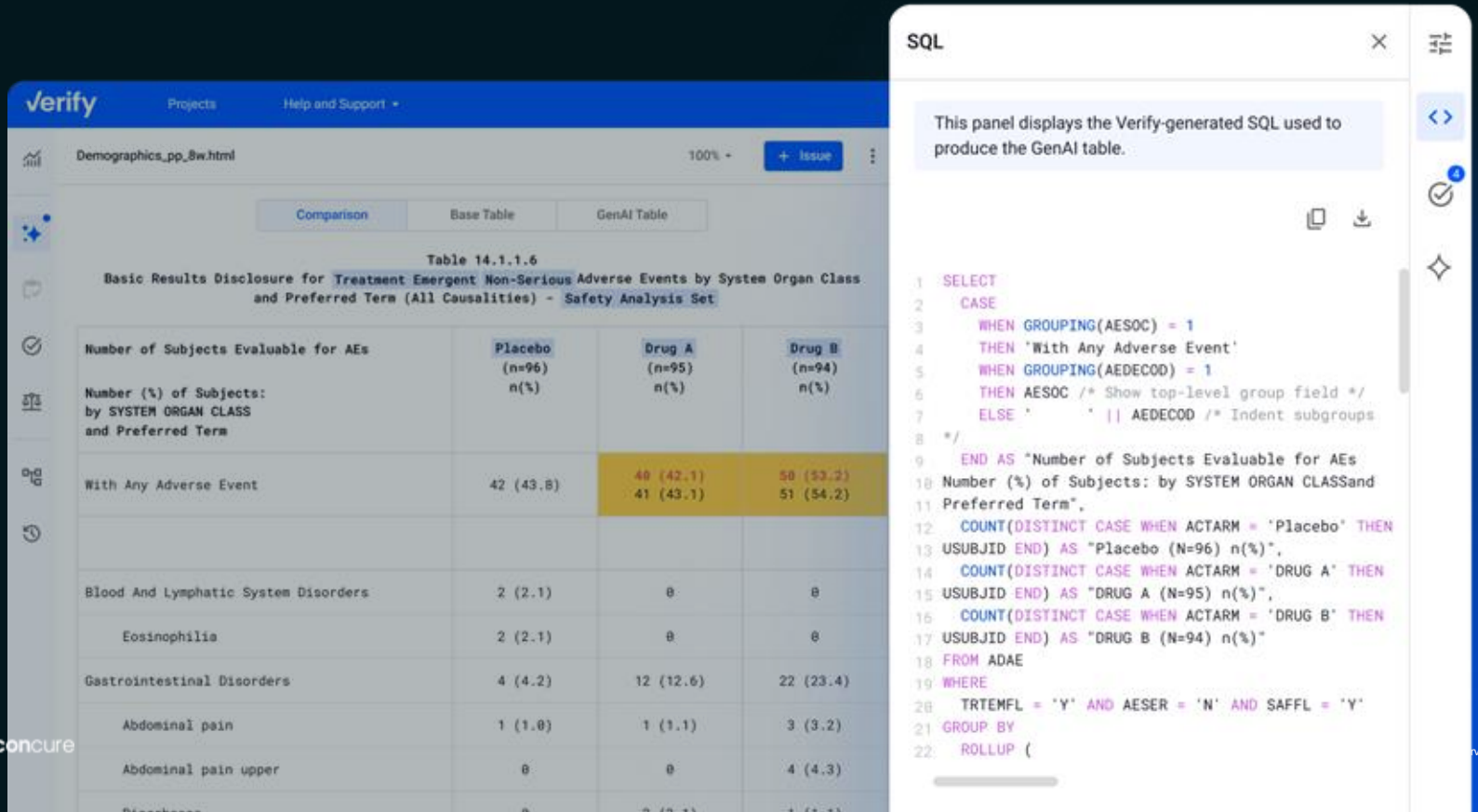
Extracting Entities



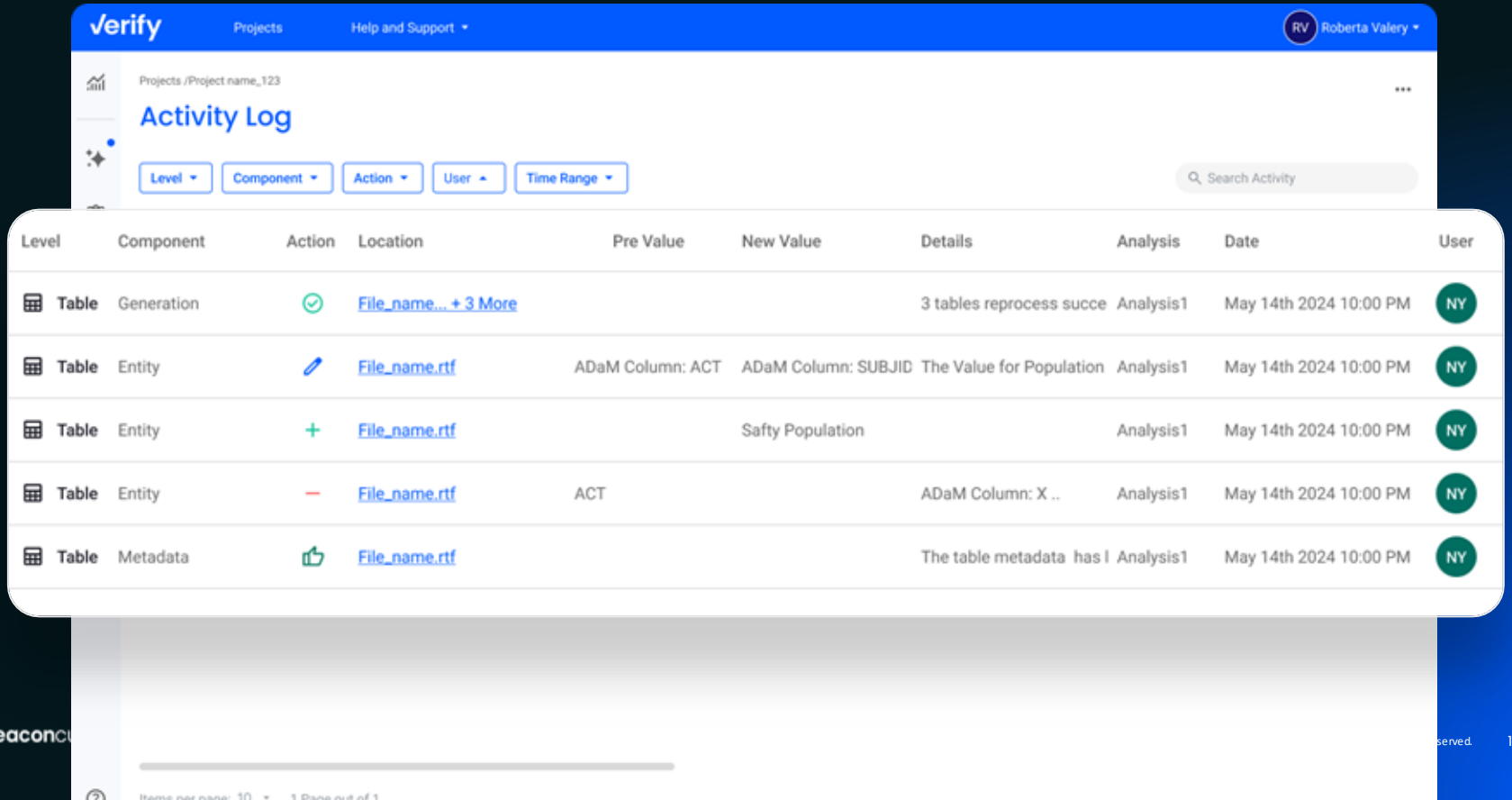
Calculated Table based on ADaM Datasets



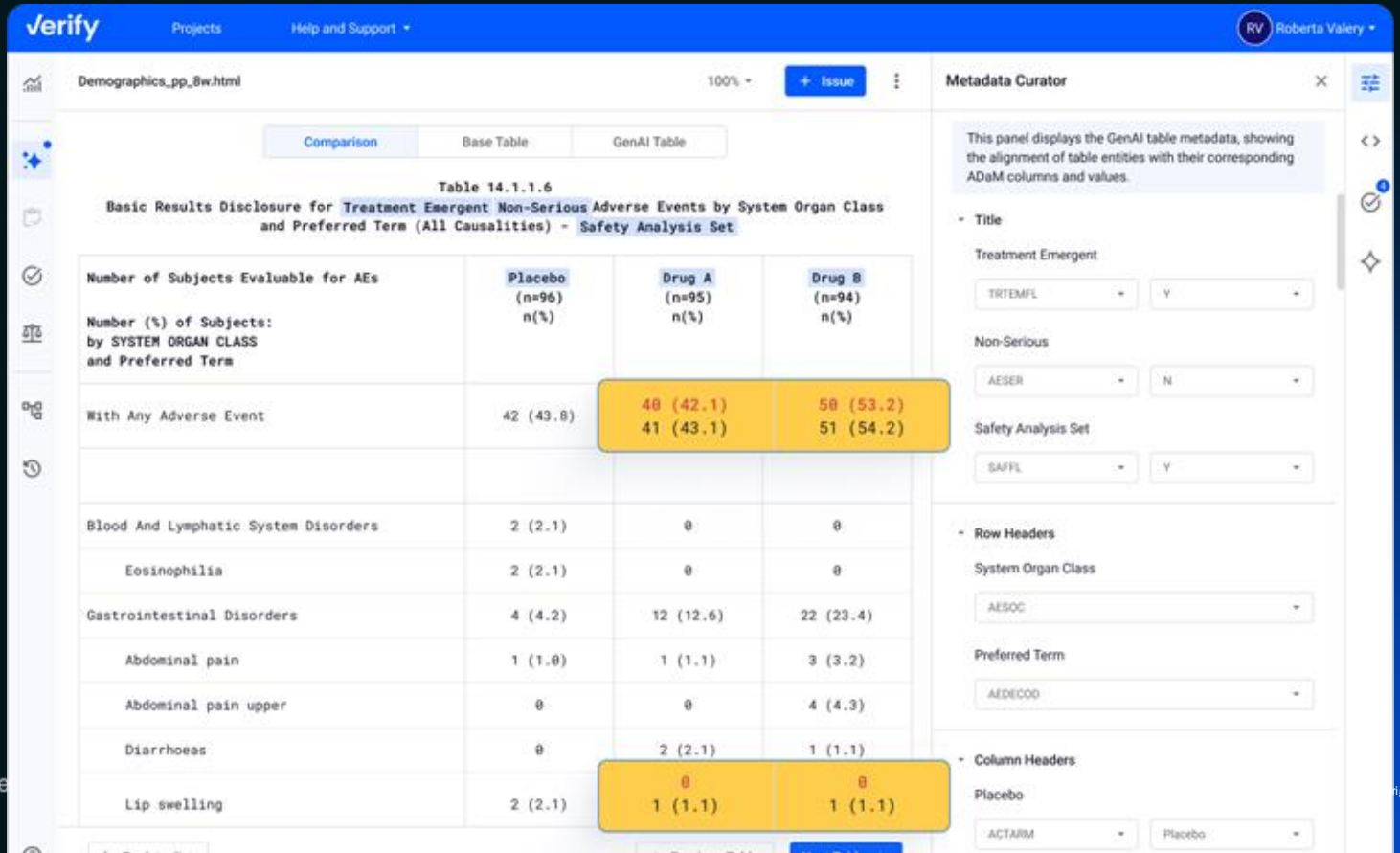
Traceability



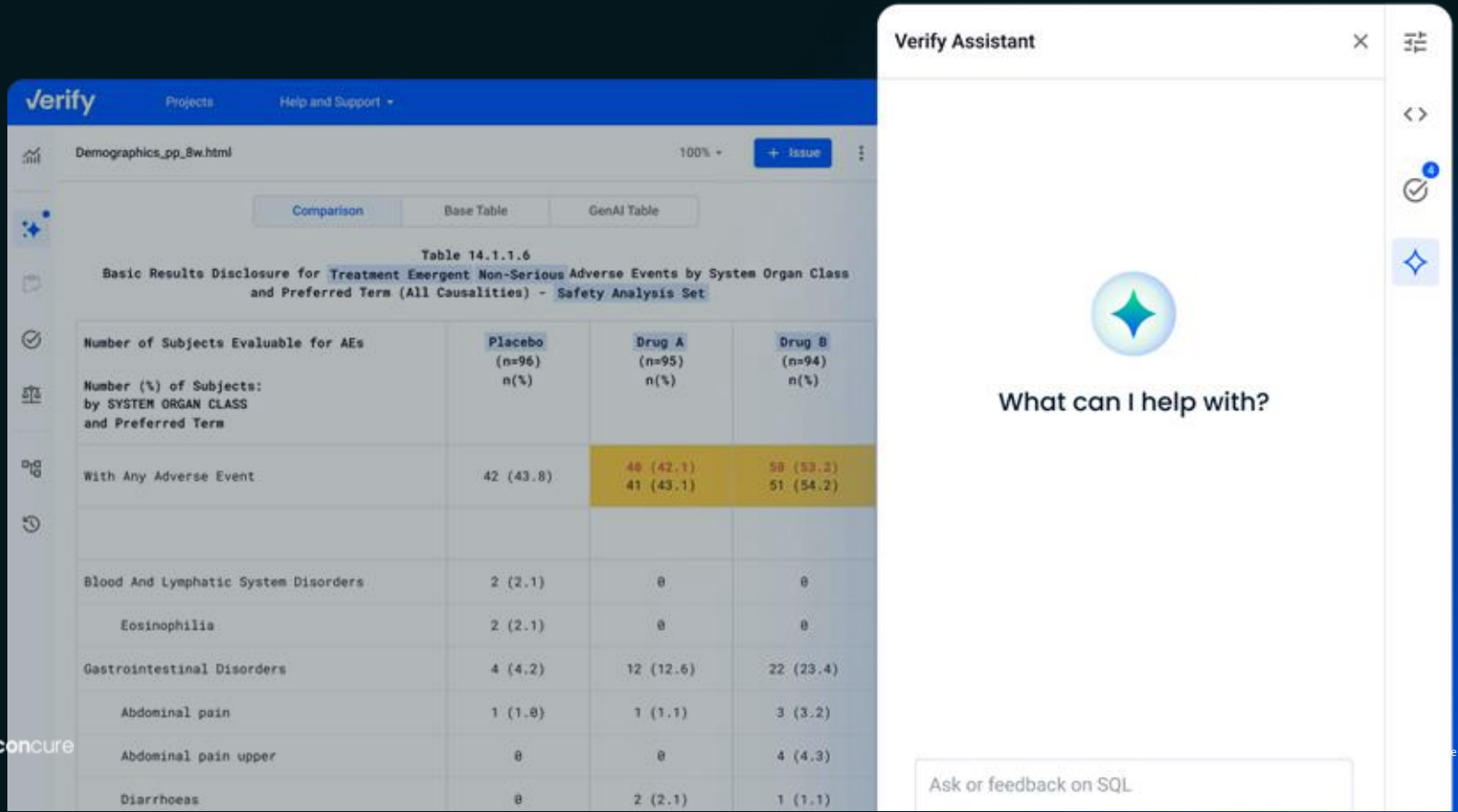
Traceability



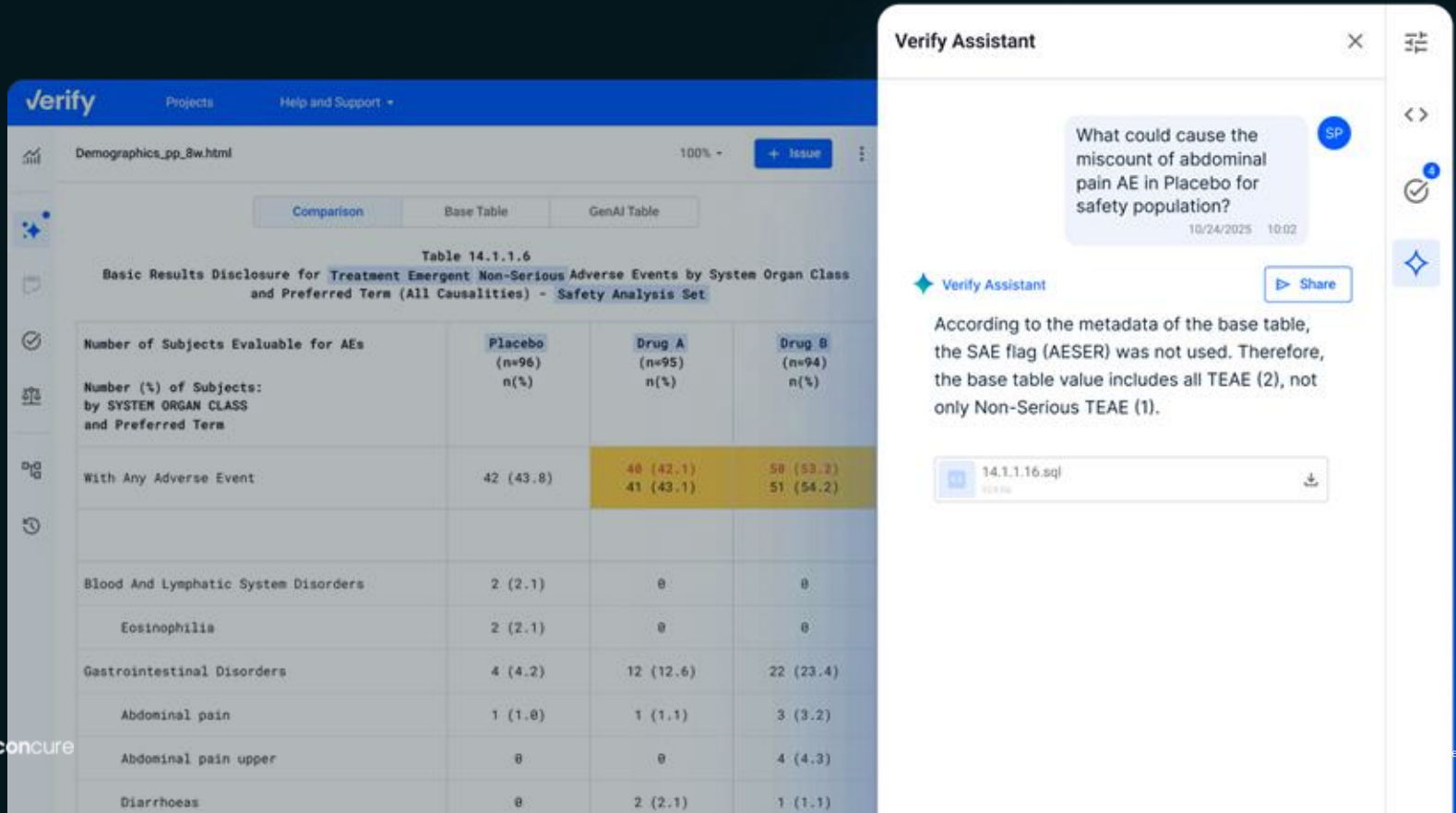
Comparison to Base Table



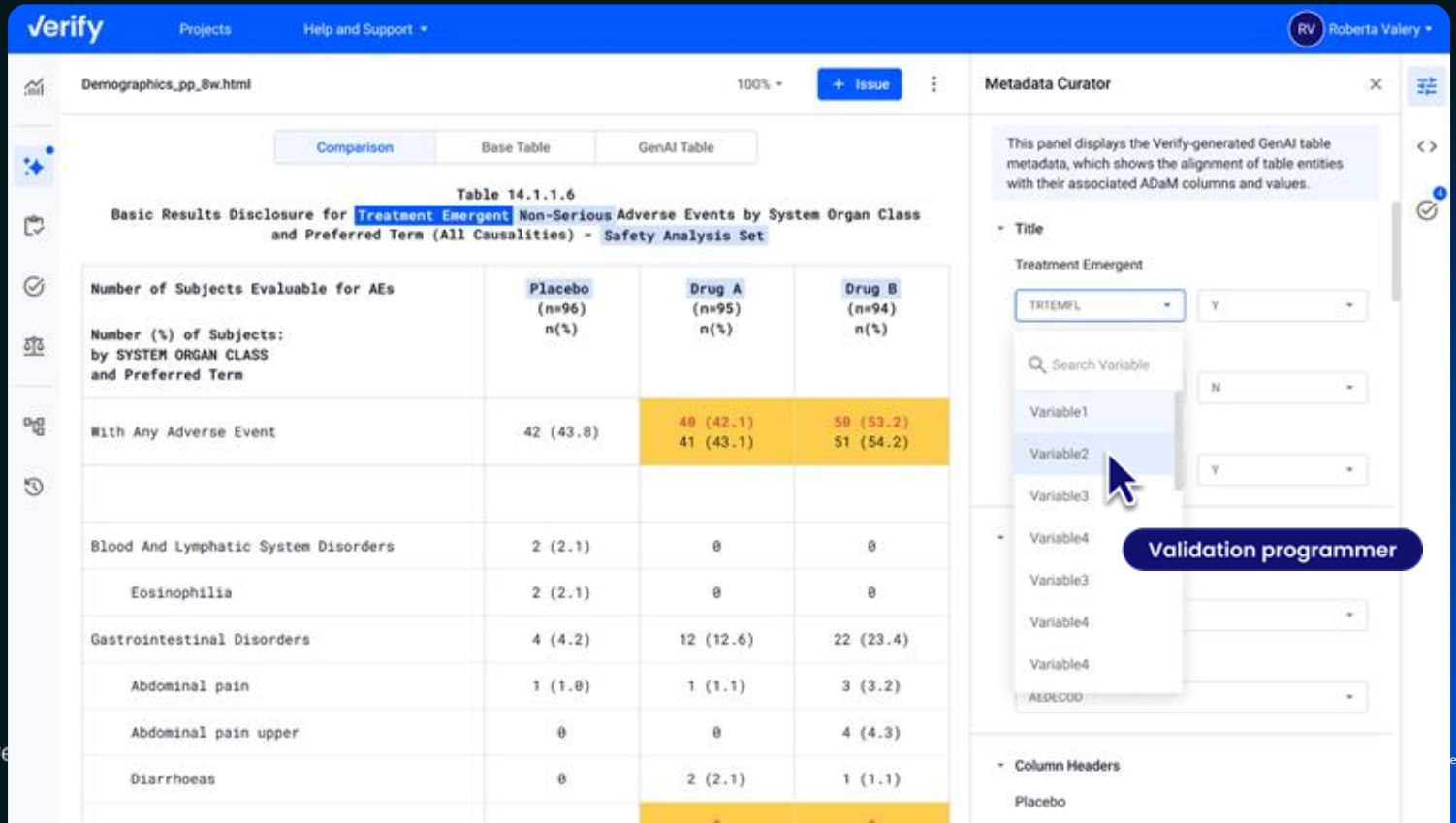
Verify Agent



Verify Agent



Metadata Curator: Study-Specific Support



From Manual Navigation to Human–AI Co-Piloting

AI Processing Pipeline

- Document parsing
- Entity extraction
- Relationship mapping
- Automated validation checks
- Discrepancy identification

Human Review Interface

- Clear presentation of AI-identified elements
- Intuitive tools for reviewing and modifying metadata
- Feedback capture mechanisms
- Activity logging for audit trails

Learning Loop

- Capture of human decisions and corrections
- Integration of feedback into training data
- Continuous model improvement
- Performance monitoring and metrics

Real-World Implementation

Automated Workflow

Knowing where you are, and what's ahead

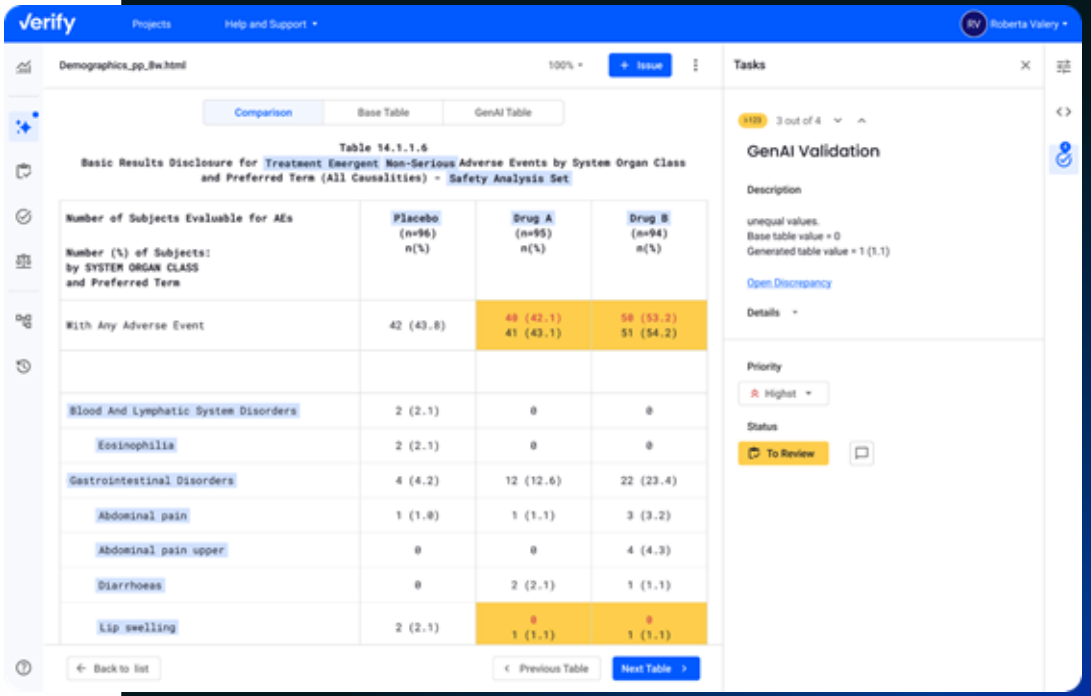
Converting Findings to Tasks

Verify detect and route all tasks through a single “navigation system”:

1. GENAI
2. Validations checks
3. Human review

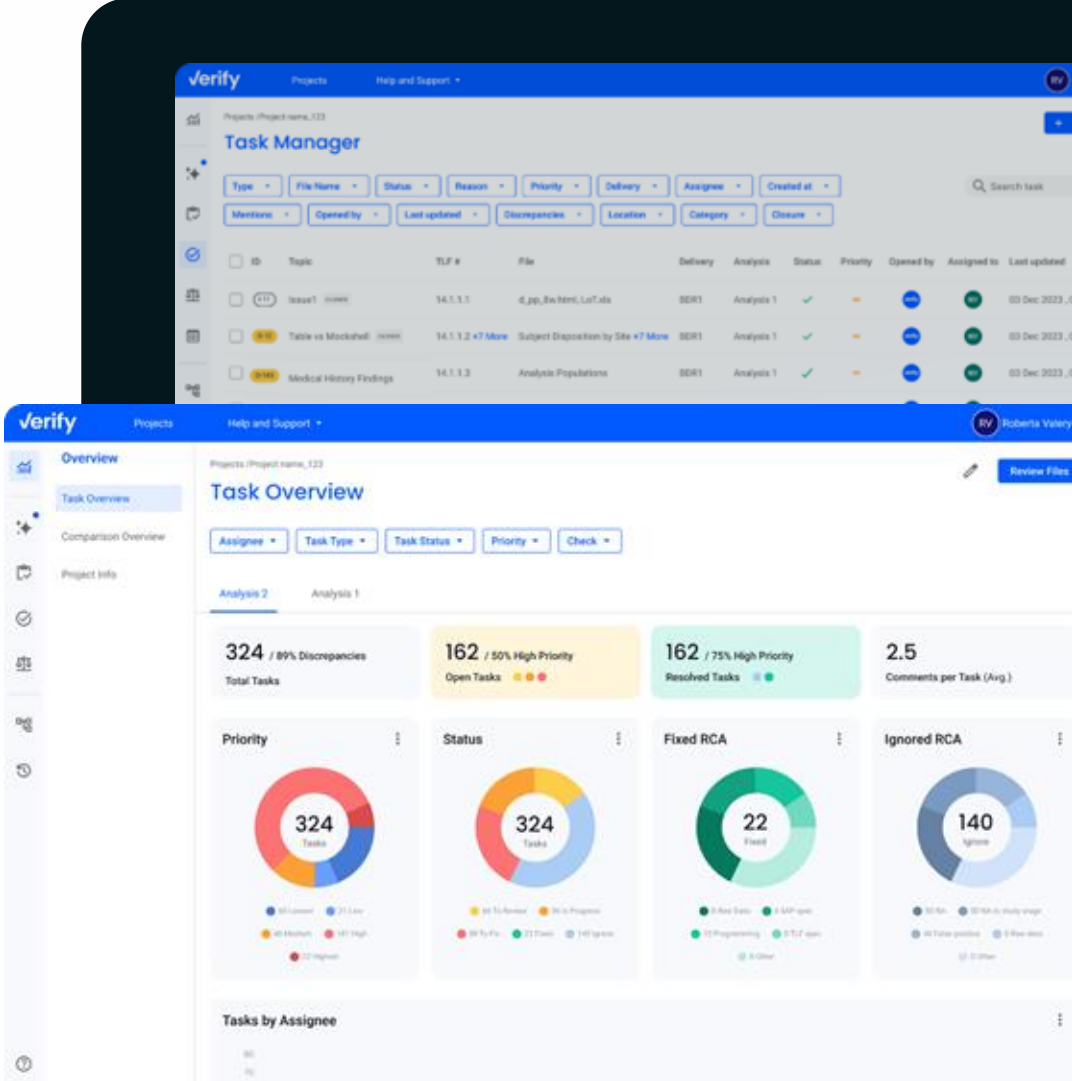
All findings captured in one place for coordinated action:

- Easily prioritized, assigned, tracked, and resolved
- Fully controlled with clear ownership and status
- Bulk actions and consistent editing for efficient management at scale



Tasks Dashboard & Task Manager

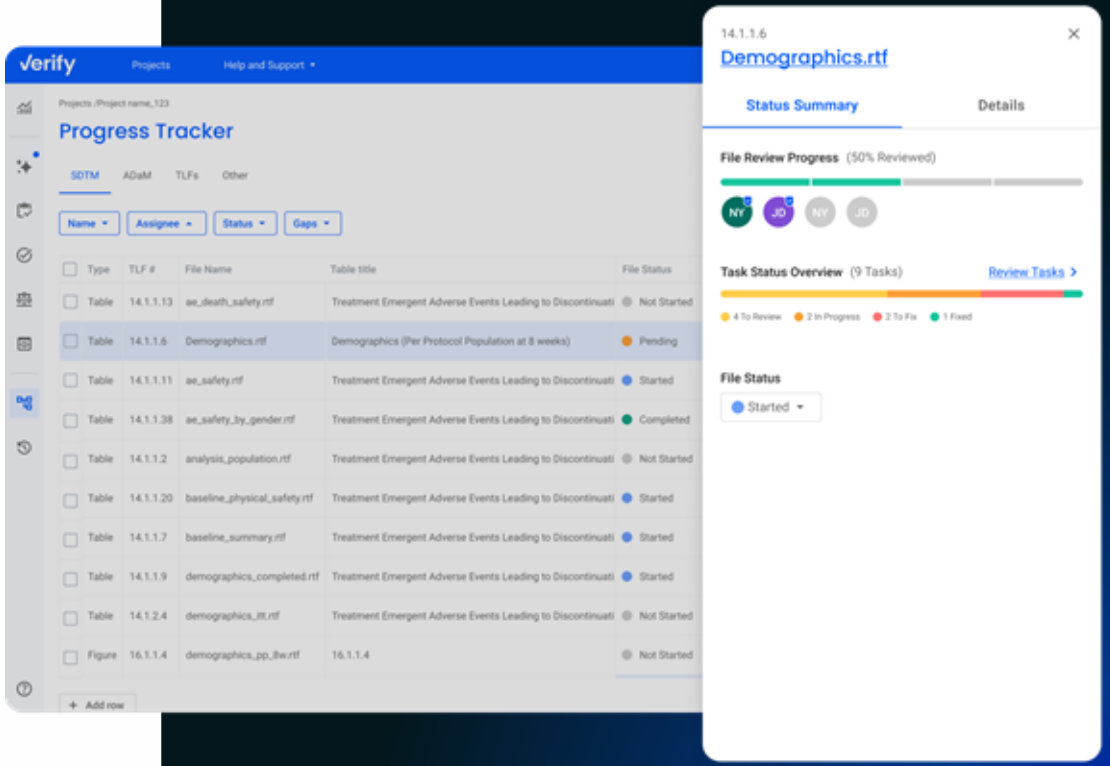
- Acts as a **traffic control center** for all review and validation activities
- **Centralized visibility** and ownership of all review activities
- **Early risk identification** for delays, rework, or misalignment
- **Data-driven insights** into throughput, cycle time, and bottlenecks
- **Built-in traceability** for documentation and institutional memory for audit readiness



Beaconcure

Progress Tracker

- Provides a real-time map of progress and status with clear ownership and dependencies across all deliverables
  - Review progress
  - Automatic tracker maintenance
  - Bulk actions and consistent editing
- Shows readiness for submission as the final destination approaches



Verify Automated Workflow

A Single Platform That Sees Everything, Guides Every step, & keeps sponsors and CROs on the fastest, safest path to submission

Streamlined Collaboration and Review

- Add comments directly on digitized TLFs
- Compress issue adjudication timelines
- Trace CRO-Sponsor handoffs and requests

Centralized End-to-End QC Management

- Unify QC activities with a synchronized online tracker
- Automate task assignment
- Track status progress to quickly address gaps and open issues

Real-Time Oversight of Deliverables

- Monitor deliverable status with full visibility
- Preserve institutional memory
- Enable fast, informed decision-making

Automated Activity Log generates immutable records of all actions and decisions

The difference between
reacting to problems
&
navigating through them with confidence

Speed

- Shorter Review Cycles
- Reduced Review Effort
- Enhanced Accuracy

Efficiency

- Reduced Spreadsheet
- Free resource
- Scalable Growth

Visibility

- Centralized Management
- Enhanced Executive Oversight
- Transparent Audit Trail

Beaconcure

Verify: Deliver faster with confidence

Thank You

Contact:

Achinoam Ravet Perel
Head of customer success
achinoam@beaconcure.com

Info@beaconcure.com
www.beaconcure.com

Beaconcure