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Enabling • Science • via • Analytics • Informatics

We use comprehensive and cutting edge quantitative methods paired with efficient informatics techniques to solve complex scientific challenges. We work with our clients at all stages of the life science discovery process, starting with hypotheses generation and experiment design, through data analysis using off-the-shelf and custom designed methodologies and culminating with expert help in interpretation of the results.

To find out more about our other services and products, please visit our website.

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SWIFT-ACTIVE SCREENER

Faster Document Screening with Data Analytics

The **best time-saving** tool on the market for literature review

- Active Learning Algorithms
- Cloud-Based
- Easy
- Fast
- Collaborative
- Project Management
- Conflict Resolution
- Data Compatibility
- Efficient

Try It for Free
Contact us now at swift-activescreener@sciome.com to start your 30 day free trial.

User Feedback → Improved Ranking Model

SWIFT-ActiveScreener

SWIFT-ActiveScreener is a web-based, collaborative systematic review software application. Active screener was designed to be easy-to-use, incorporating a simple, but powerful, graphical user interface with rich project status updates. What makes Active Screener special, however, is its behind-the-scenes application of state-of-the-art statistical models that save screeners time and effort by automatically prioritizing articles as they are reviewed, using user feedback to push the most relevant articles to the top of the list.

How Active Screener Works For You

As screening proceeds, reviewers include or exclude articles while an underlying statistical model automatically computes which of the remaining unscreened documents are most likely to be relevant. This "Active Learning" model is continuously updated during screening, improving its performance with each article reviewed. Meanwhile, a separate statistical model estimates the number of relevant articles remaining in the unscreened document list. Together, the combination of these two models allows users to screen relevant documents sooner and provides them with accurate feedback about their progress. Using this approach, the vast majority of relevant articles can often be discovered after reviewing only a fraction of the total number of articles. This can result in a significant time and cost savings for you and your team, especially for large projects.

> "I love the software! It adds a game element to this process. It feels like a replacement for Candy Crush, for the science nerds!"
>
> **Katya Tsaioun, Evidence Based Toxicology Collaboration**

Key Features and Benefits

Triage with Active Learning approximately 50% less work without missing key studies

Real Time Team Collaboration screeners can collaborate online from all around the world

User-Friendly Interface no training required

Conflict Resolution transparency and efficiency via multiple screeners and documented conflict resolution

Data Integration easy data import and export in commonly used file formats

Key Clients

National Institute of Environmental Health (NIEHS)
U.S. Environmental Protection Agency (EPA)
The Endocrine Disruption Exchange (TEDX)
Johns Hopkins Evidence-Based Toxicology Collaboration (EBTC)
United States Department of Agriculture (USDA)