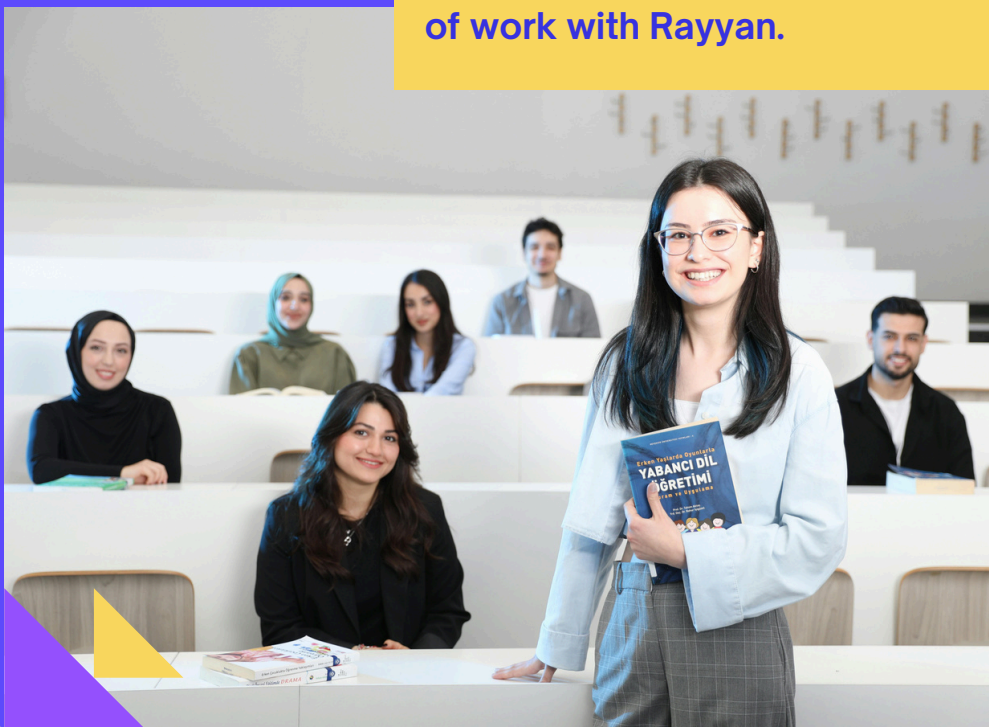


rayyan

Evidence Synthesis Quick Start Guide

Reduce months and weeks
of work with Rayyan.



www.rayyan.ai

[Rayyan Help Center](https://help.rayyan.ai)

<https://help.rayyan.ai>

Address: 1 Broadway, 14th Floor
Cambridge, MA 02142 USA

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Introduction to Rayyan

Transparent, Auditable
and Reproducible for
Maximum Integrity



Tool	Purpose	Why It Matters
Reference Databases (PubMed, etc.)	Find all the available evidence	The best available evidence considers all the available evidence
Citation Manager (EndNote, Zotero, Mendeley, etc.)	Manage references & export to compatible file formats like .RIS or .BibTeX	A reference manager is not required to use Rayyan, but may be helpful.
Rayyan www.rayyan.ai	Collaborate with your research team to deduplicate, screen and extract evidence	The fastest, AI-assisted way to report the results of your review

Rayyan is trusted by over 1 million researchers to:

- Work 50–90% faster saving months and weeks of time
- Report transparent, auditable and reproducible results
- Collaborate with anyone, anywhere, anytime

How to Access Rayyan

Go to www.Rayyan.ai and click “**Start for Free**”, sign-up using your email, or use Google or Apple ID to sign-up and login immediately. If your institution has a Rayyan Enterprise membership, use Enterprise Login.

Browser Compatibility

Check compatibility: www.rayyan.ai/check

- **Chrome (recommended)**
- Firefox
- Safari
- Edge

Quick Start Checklist:

1. **Create Account / Confirm / Log In**
2. **Create New Review** → Add Title, Review Type, Domain
3. **Upload References** (.RIS, .ENW, .BIB, .CSV, .XML, .txt.)
4. **Invite Collaborators** → Assign roles (Owner, Collaborator, Reviewer, Viewer)
5. **Define Inclusion/Exclusion Criteria**
6. **Detect & Resolve Duplicates**
7. **Create Random Sample(s)**
8. **Screen Titles/Abstracts**
9. **Screen Full Texts**
10. **Extract Data**
11. **Generate PRISMA Flow Diagram**



Key Features & Differentiators

Features	What it Does	Why it Helps
Mobile App	Screen studies faster offline with swipe gestures	Work faster from anywhere, at anytime to finish sooner
Bulk Import	Upload up to 10 files of 100MB at a time in any combination of industry standard file formats	Avoid the need for a reference manager and start working right away
Compute Ratings	Rayyan learns from your decisions to predict inclusion	Accelerates TiAB screening
Auto Match PDFs	Automatically match PDF files with their references	Speed the bulk attachment of PDFs for full text screening and data extraction
Sampling	Creates samples using randomization or other methods	Reduces bias and helps to divide the work, & align understanding
Systematic Auto-Resolver	Salable, rules-based automatic duplicate resolution	Provides transparent deduplication at scale with user defined criteria
Workbench Facets	Filter references by attributes using over 20 facets	Work with subsets of data that share attributes.
Keyboard Shortcuts	Allows you to work entirely using the keyboard	Provides greater speed and accessibility
Collaboration Tools	Multi-user roles, team chat, enterprise admin console	Enables teamwork at scale
Auto Scroll	Automatically advance to the next reference	Work faster with autoscroll or turn it off
PICO Highlighting & Filtering	Automatically highlights Population, Intervention, Comparison, Outcomes	Find and filter relevant evidence faster
Multiselect with Bulk Actions	Select multiple references or select all and apply a bulk action to all selected	Apply bulk actions to references.
ResearchPilot™	AI assistant to ask questions of your data	Find relevant evidence for each of your queries
PRISMA Flow Diagram Generator	Create and override a PRISMA 2020 compliant diagram	Provides greater transparency & reproducibility
Data Extraction	Create structured tables & export results	Keeps your evidence ready for analysis
PRISMA Flow Diagram	PRISMA 2020 compliant, auto-populates with manual override	Provides convenience, flexibility and accuracy

*Rayyan was developed based on research that provides the evidence for the performance of different features and capabilities.

Screening at a Glance

Decision Shortcuts

Key	Action
I	Include
M	Maybe
E	Exclude
R	Exclude with reason

Tip: Keep Blinding ON during the first round to reduce bias, then turn off to resolve conflicts.

Example Workflow Diagram:

Systematic Review Workflow in Rayyan



Data Extraction Made Simple



1. After full-text screening, turn blind mode off
2. Click Data Extraction and Add Data to add the evidence
3. Turn blind mode on to enable blinded extraction
4. Create your extraction table by adding questions
5. Turn blind mode off to standardize responses
6. Export extracted evidence to Excel or CSV

Best Practice: Start with a small calibration sample (5–10 studies) to align reviewers.

Export & Cite with Confidence

Export Type	Purpose
PRISMA Flow Diagram	For transparency and reproducibility
Audit Log	Rayyan records every action of your team
Data Extraction Table	Analysis-ready evidence
Cite Rayyan	Cite the evidence used to develop Rayyan

Example of How to Cite Rayyan in the Methods Section:

“Search results were uploaded to Rayyan (www.rayyan.ai) to perform deduplication, Title, Abstract and Full Text screening, and Data Extraction using blinded dual reviewers.
”

How to Cite the Rayyan paper:

Mourad Ouzzani, Hossam Hammady, Zbys Fedorowicz, and Ahmed Elmagarmid. Rayyan — a web and mobile app for systematic reviews. Systematic Reviews (2016) 5:210, DOI: 10.1186/s13643-016-0384-4

Mobile Access



Rayyan App (iOS & Android)

- Swipe to Include or Exclude a reference
- Work On the Go & Offline → Sync when back online
- Personalize your settings, font size, and color mode

Support & Resources

 [Help Center](#)

 Articles, Trainings, Videos & Tutorials

 Community of 1M+ Researchers

 support@rayyan.ai

