



Methods Research Workgroup 2025 OKRs



Mission

Empower real-world evidence generation through collaborative innovation in statistical and computational methods

Objectives and key results for 2025

Objective: **Promote awareness and collaboration** in methods research

- Maintain a comprehensive directory of ongoing methods research.
- Have at least 6 presentations of ongoing methods research (i.e. work that hasn't been published yet)
- Have researchers work on at least 3 topics in the never-ending list.

Objective: **Provide resources** for development of new methods

- Inventory options for making data sources available to methods researchers

Objective: **Disseminate best practices** informed by methods research

- 3 drafted manuscripts describing methodological best practices



OHDSI

OBSERVATIONAL HEALTH DATA SCIENCES AND INFORMATICS

Common Data Model Workgroup

2025 OKRs



Purpose

The CDM workgroup exists to maintain and improve the use of the OMOP Common Data Model to make it the premier observational health data model in the world. We ensure the integrity and usability of the OMOP CDM in relation to other working groups by providing guidance on data standardization best practices.



2025 Objectives and Key Results

Objective 1: Lay the groundwork for the next OHDSI Common Data Model (CDM) release by evaluating and refining proposed changes.

- **Determine which proposals** are eligible for inclusion in a new version 5-series release.
- **Obtain feedback from all relevant OHDSI workgroups** on the selected proposals to ensure alignment and minimize disruptions.
- **Establish a timeline and communication strategy** for the 2026 CDM release, ensuring transparency and engagement across the OHDSI community.



2025 Objectives and Key Results

Objective 2: Prepare the current CDM for a new version

- **Close all bugs** currently identified in the repository.
- **Clean up all documentation** including conventions and user guides related to CDM v5.4

Objective 3: Advance the maturity model for CDM extensions and expansions

- **Identify gaps in the coverage of the CDM** that cannot be addressed with THEMIS conventions
- **Create a list of all extensions and expansions** currently available in the community
- **Define the levels of maturity** of all expansions and extensions currently available in the community



Next Meeting

Tuesday, February 18th, 9:00am EST

To join, go to ohdsi.org ->

workgroups tab ->

select **Common Data Model**



Next Meeting

Tuesday, February 18th, 9:00am EST

To join, go

5. Select the workgroups you want to join (you can refer to the OHDSI workgroups page to learn more about each workgroup's accomplishments and upcoming goals: <https://ohdsi.org/ohdsi-workgroups>) *

ATLAS/WebAPI

Clinical Trials

Common Data Model (includes Vocabularies, CDM Survey Subgroups)

Dentistry

Early-stage Researchers

Education

Electronic Animal Health Records



OHDSI

OBSERVATIONAL HEALTH DATA SCIENCES AND INFORMATICS

OHDSI Evidence Network

2025 OKRs



2025 Objectives and Key Results

Objective 1: Enhance communication and visibility of the OHDSI Evidence Network to engage and support data partners.

- **Build out our website as a landing page**, including:
 - Resources for data partners
 - A decision tree for readiness determination
 - Clear value propositions for participation
- **Write and publish a paper describing the network**, as outlined in the protocol, to establish its scientific and collaborative framework.



2025 Objectives and Key Results

Objective 2: Leverage the OHDSI Evidence Network to enhance the scientific rigor and impact of network studies.

- **Improve the fitness-for-use methodology** to better identify appropriate data sources for each study question.
- **Release v2.0 of data diagnostics** incorporating the improvements to the fitness-for-use methodology.
- **Utilize the OHDSI Evidence Network** to determine potentially appropriate data sources for the OHDSI community's prioritized study questions for 2025.



Next Meeting

Thursday, February 13th, 10:30am EST

To join, go to ohdsi.org ->

workgroups tab ->

select **Evidence Network**



Next Meeting

Thursday, February 13th, 10:30am EST

To join, go to

5. Select the workgroups you want to join (you can refer to the OHDSI workgroups page to learn more about each workgroup's accomplishments and upcoming goals: <https://ohdsi.org/ohdsi-workgroups>)*

- ATLAS/WebAPI
- Clinical Trials
- Common Data Model (includes Vocabularies, CDM Survey Subgroups)
- Dentistry
- Early-stage Researchers
- Education
- Electronic Animal Health Records
- Evidence Network



PLP 2025 OKRs

Jenna Reps



PatientLevelPrediction Workgroup

We meet monthly (2nd Wednesday of the month at 9am ET) to discuss and perform research into best practices for developing prediction models using observational healthcare data.

We also maintain multiple R packages that enable prediction model development for data in the OMOP CDM format.

<https://github.com/OHDSI/PatientLevelPrediction>

<https://github.com/OHDSI/DeepPatientLevelPrediction>



1. Improve workgroup study dissemination

- Create calendar with 2025/2026 conferences of interest to:
 - i) disseminate our research and collaborate with external groups
 - ii) get together face to face more often.

add calendar to PatientLevelPrediction website.

- Improved dissemination on monthly call – use 10 minutes per call to let people discuss/highlight recent studies/publications.
- Improved communication of R package future development using GitHub project tracking.

Next workgroup meeting: 9am ET tomorrow (Feb 12th)



2. Make it easier to use OHDSI prediction R packages

- Perform user and developer survey to find bottlenecks/challenges.
- Increase training on tools – create updated YouTube videos/Ehden academy.
- **Submit PatientLevelPrediction R package to CRAN in 2025.**
- Create new test data for Eunomia that is more suitable for prediction.
- Create docker container for prediction studies.

Congrats to Egill Fridgeirsson for already getting into CRAN: <https://cran.r-project.org/web/packages/PatientLevelPrediction/index.html>



3. Perform Research in PatientLevelPrediction

- Federated learning: i) novel methods and ii) comparison of federated learning vs single database model. Submit journal paper.
- Investigate the benefit of incorporating different data sources: i) impact of data granularity and ii) does adding labs/imaging/NLP improve prediction? Submit journal paper.
- Temporal features: can we develop better models by adding time as a dimension for features? Submit journal paper.
- Transfer learning: i) novel methods and ii) compare transfer learning in small data vs developing model in small data. Submit journal paper.

Last year we had 3+ papers published via collaboration within this workgroup



OHDSI Workgroup Objectives and Key Results (OKR)

Early-Stage Researchers WG

Leads: Harry Reyes Nieva, Benjamin Martin, Shounak Chattopadhyay



Mission Statement

To create an inviting venue for junior OHDSI community members early in their careers to navigate OHDSI's resources, ask questions, present their research, find mentorship through networking, and seek insight on their career trajectories.



Early-Stage Researchers WG 2025 OKR #1

Objective: Align WG activities with needs, priorities, and goals of ESR membership

Key results:

1. Develop and conduct an annual survey to identify and examine OHDSI ESR membership needs, priorities, and goals.
2. Create a strategic plan and roadmap outlining how WG activities will address identified needs and priorities.
3. Report survey results at upcoming ESR monthly meeting and re-evaluate OKRs accordingly.



Early-Stage Researchers WG 2025 OKR #2

Objective: Foster mentorship and engagement with more experienced researchers

Key results:

1. Host monthly online talks from experienced researchers, making sure to diversify speaker background
 - All speakers scheduled with date, meeting link, and flyer 2+ weeks prior to each event
 - Greater than 30 participants at each event
2. Organize online and in-person Meet-the-Mentor roundtables
 - Identify a limited set of mentees to be matched with a mentor in advance
3. Develop a Mentor and Membership Directory for matchmaking



Early-Stage Researchers WG 2025 OKR #3

Objective: Facilitate involvement, visibility, and networking opportunities for ESR

Key results:

1. Create onboarding roadmap for trainees in different disciplines and career paths (Informatics, Epidemiology, Medicine, Statistics, etc.)
2. Have at least 5 presentations/posters at OHDSI symposia from ESRs
3. Spotlight ESR members with research in-progress presentations during online monthly meetings



Early-Stage Researchers WG 2025 OKR #4

Objective: **Expand** the group leadership structure and better support **global participation**

Key results:

1. Recruit dedicated members to organize monthly series, mentor/mentee directory, and outreach
2. Identify representatives to liaise with regional chapters
3. Expand ESR WG membership to include active members from at least three regional chapters.



Early-Stage Researchers WG 2025 OKR #5

Objective: Grow OHDSI network and ESR WG membership

Key results:

1. Develop ESR WG promotional materials
2. Advertise OHDSI and ESR WG to institutions and organizations that have not previously participated in OHDSI
3. Distribute OHDSI and ESR promotional materials at non-OHDSI scientific fora, in particular, those that cater to ESRs



ESR Meeting Details

- Monthly Meetings

- 1st Thursday of the month at 2:00-3:00PM Eastern Time

- Next meeting: Thursday, March 6th, 2-3PM EST on MS Teams
- Future meeting times may change to better accommodate time zones that span ESR global membership

- Co-leads:

- Shounak Chattopadhyay (shounak.chattopadhyay@ucla.edu)
 - Benjamin Martin (bmarti86@jh.edu)
 - Harry Reyes Nieva (harry.reyes@columbia.edu)
-



Women of OHDSI (WoO) Workgroup

2025OKRs



WoO Long Term Goals



Research

Dedicated women's health research hub

Milestones

- Evidence review women's health research topics to feed potential OHDSI study ideation
- OHDSI network studies
- Collaborative cross-workgroup activities

Data

Improving gender harmony through RWD collection and standardisation

Milestones

- Collaboration with other OHDSI workgroups on the improvement of gender harmony agenda
- Recommendations for OMOP standardisation of gender health centricity

Empowerment

A 'Safe Space' for all with events, activities and workshops

Milestones

- Planned timetable of speakers, workshops and talks to inspire and develop
- Celebration of key global dates such as International Women's Day, etc



WoO 2025 Commitment



A 'Safe Space' for all with events, activities and workshops to help support everyone's OHDSI collaborative endeavours*

What to expect:

- International Women's Day
- I Am Remarkable workshops
- OHDSI Symposium in-person connect
- Brand of Me activities & workshops
- Career Journeys
- Real stories
- Meet the Mentor (internal and external speakers)
- Ask Me Anything (AMA)
- Networking Opportunities
- Health related webinars

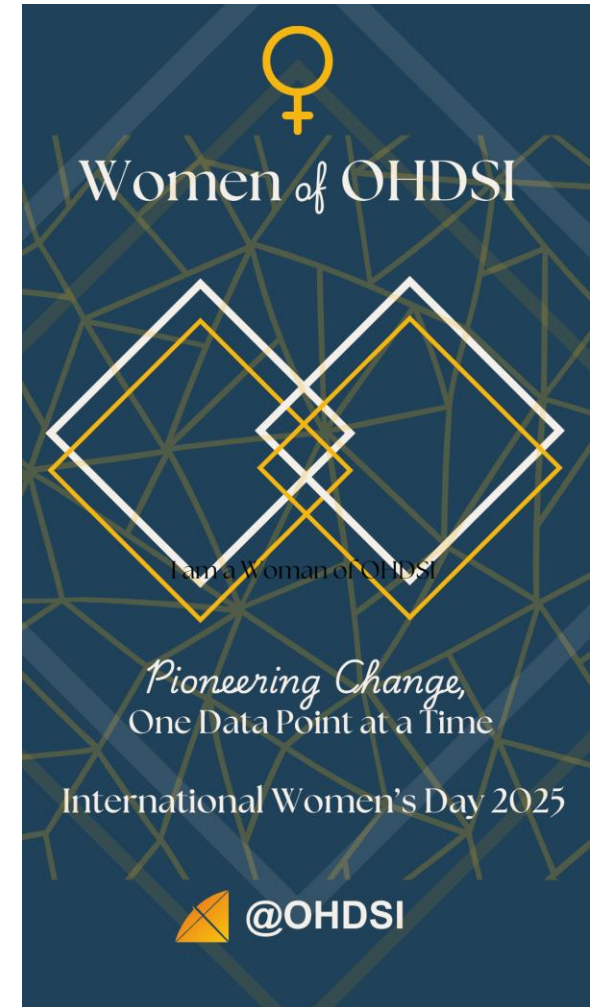
*Disclaimer: this is not an Employee Resource Group (ERG) nor Human Resources nor legal counsel. Simply a safe space for everyone. Bring and share your ideas!

[Sign up](#) for the OHDSI WoO WG!



Celebrate International Women's Day 2025 with WoO!

- Join the celebration wherever you are in the world
- Instagram: Use the template to add your photo and tag @OHDSI + your inspiring women colleagues
- #WomenOfOHDSI #IWD2025





ATLAS Working Group

Co-leads: Chris Knoll, Alexey Manoylenko

OHDSI Community Call

11 Feb 2025



Agenda from February 4th

- Review Mission for 2025
 - Review OKRs
 - Confirm new meeting schedule
-



Mission

- The ATLAS workgroup will provide a forum for the OHDSI community of developers that are interested in improving the open-source software applications ATLAS & WebAPI. These tools aim to provide capabilities to perform phenotype evaluation (1st Half 2025) and design standardized analytics to execute on the OMOP Common Data Model (2nd Half 2025).



2025 Q1 OKR

1. Objective: Foster a collaborative environment to ensure the effective execution and timely updates of ATLAS and enhancing community engagement and software quality.
 1. KR 1: Resolve remaining 2.15 features and release for Q1 2025
 2. KR 2: WebAPI 3.0 Technical upgrade: upgrade to JDK 19/21 (tbd) and incorporate dependency update Pull Request. Remove obsolete features.
 3. KR 3: Engage Community on Atlas v4.0 redesign (more to come, Data For Life)
 4. KR 4: Create Atlas usage survey to capture most used functions, and functionality gaps that are identified by the community.
2. Objective: Review framework of Open Science community collaboration
 1. KR 1: Establish protocols for requirements gathering and feature vetting
 2. KR 2: Define criteria for 'ready to code'
 3. KR 3: Establish review process



Key Areas of Focus

1. Scientific: Phenotype Evaluation, Cohort Characterization and Comparison, Study Design, Reporting
2. Technical: User Experience, Performance, Security, Method Implementations, Language Expertise in Spring, Java, JavaScript, HTML/CSS.

The Atlas/WebAPI Working Group welcomes all community members to collaborate on the above focus areas.



2025 Meeting Schedule

- Monthly ATLAS WG Meetings 1st Tuesday of the month at 12PM EST with the following aims
 - Highlight new features being built in the community
 - Provide updates on upcoming releases
 - Weekly Developer Meetings- non 1st Tuesday, 12PM EST
 - Discuss new features to produce technical specifications
 - Review open pull requests for Atlas/WebAPI
 - Triage/Review issues for upcoming releases
-