



Workgroup Name: Health Equity

Workgroup leads: Jake Gillberg

We aim to engage critically and intentionally in all of our work, considering not only the results but the potential interpretation and impact of results, steering clear of work that reinforces health disparities and misinterpretations that generate stigma, and lifting up work which is likely to contribute to health equity.

- **Project Tracking:**

<https://github.com/OHDSI/HealthEquityWG/projects/1>



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0: Generate and disseminate actionable real-world evidence about the substantial public health issue of health inequities

- 3 fully-reproducible study packages executed across at least 20 OHDSI data partners
- 5 publications accepted in peer-reviewed journals
- 7 instances of presentations of our work
- 1 concrete use of OHDSI results by internal or external stakeholders that demonstrate influence in policy or clinical decision-making

1: Operationalize individual-level Social Determinants of health, Risk factors, Needs (SDRN), and other data elements relevant to health equity work in OHDSI network studies

- Identify OHDSI sites that are collecting SDRN and gather a report of what exists in those source systems, along with the maturity of collection and standardization. Publish a catalog
- Identify 3 priority research questions with actionable results where individual-level SDRN is needed
- Provide recommendations for mapping and storing relevant SDRN data elements
- Release tools to assess and record data quality, gaps, and biases for SDRN data collection
- Engage with NLP team to release tools/methods for extracting SDRN from clinical narratives
- 1 validation / methods study, evaluating the use of individual-SDRN in the context of a network study.



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2: Operationalize place-based public data sources in OHDSI network studies

- Identify 3 external datasets useful for incorporation in health equity studies
- Identify a priority research question with actionable results that requires linking group-level data sources to OMOP data
- Identify a priority use case for rolling up individual-level OMOP data to describe spatial-population-level properties
- Release a study package using OHDSI GIS tools

3: Extend OHDSI tools to make a health equity perspective the default and/or an option

- Augment Patient Level Prediction (PLP) to expose the differences of predictions, predictive power, and other fairness metrics of the predictive models it creates.
- Implement fairness metrics as part of phenotype evaluation
- Develop a framework for best practices in health equity across OHDSI study design / a guide on how to use the developed extensions.



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4: Engage the broader community on issues related to health equity

- Update directory of accessible educational resources and research relevant to health equity
- Continue health equity reading group / journal club
- Invite 8 presentations from external groups in our meeting (ideas Fairness and Bias group in N3C (N3C SDoH Domain Team, HL7 Gravity, other OHDSI workgroups, RADx-UP, SIREN, Multi-stakeholder engaged groups, community organizations, NACHC / AAPCHO)
- Create a directory of membership and external group affiliations

5: Support the work of the group

- Create a boilerplate description of assets of this group to be useful for creating quick responses to grants
- 3 collaborative grant applications
- 1 funded collaborative grant
- 1 Health Equity hackathon, with at least 10 participants