OHDSI2022 Mad Minutes

OHDSI Community Call

Oct. 11, 2022 • 11 am ET

OHDSI
OBSERVATIONAL HEALTH DATA SCIENCES AND INFORMATICS

Upcoming OHDSI Community Calls

Date	Topic
Oct. 18	Welcome To OHDSI
Oct. 25	Future Directions For OHDSI
Nov. 1	Meet The Titans
Nov. 8	Collaborator Showcase Presentations
Nov. 15	Open Network Studies
Nov. 22	OHDSI “Speed Dating”
Nov. 29	Workgroup Updates
Dec. 6	Fall Publications
Dec. 13	How Did We Do In 2022?
Dec. 20	Holiday-Themed Final Call of 2022

Three Stages of The Journey

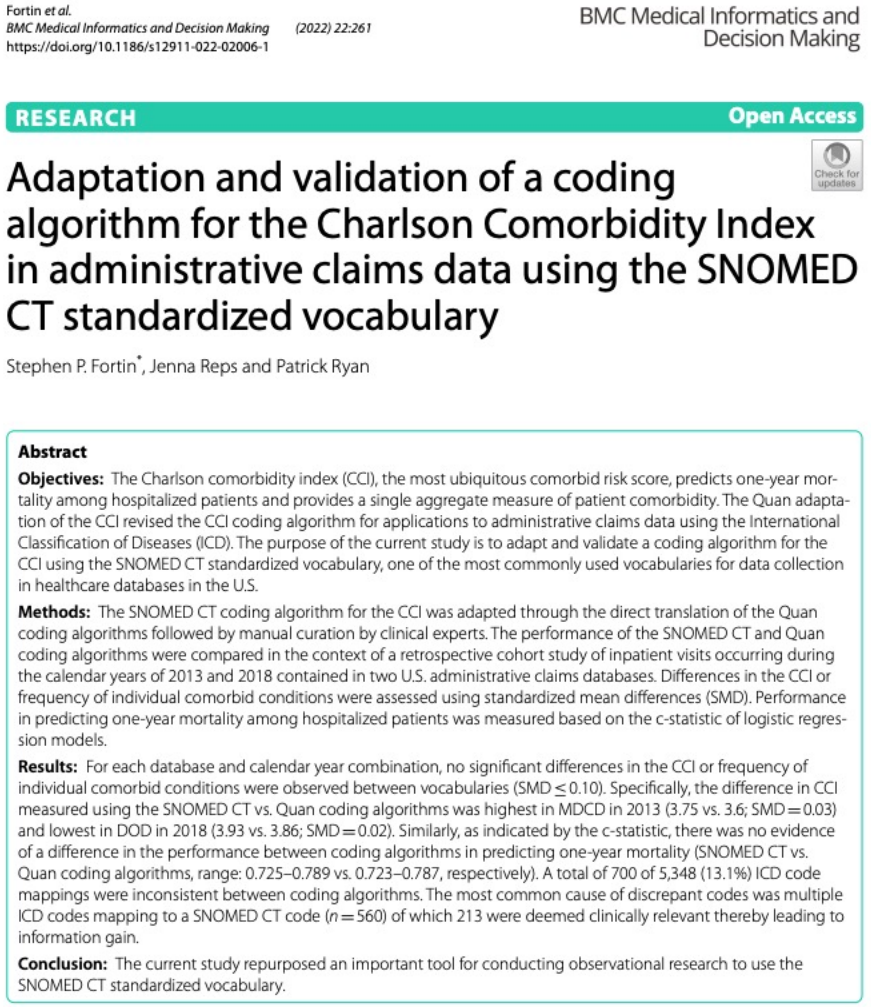
Where Have We Been?

Where Are We Now?

Where Are We Going?

OHDSI Shoutouts!

Congratulations to the team of **Stephen Fortin, Jenna Reps, and Patrick Ryan** on the publication of **Adaptation and validation of a coding algorithm for the Charlson Comorbidity Index in administrative claims data using the SNOMED CT standardized vocabulary** in BMC Medical Informatics and Decision Making.



Fortin *et al.*
BMC Medical Informatics and Decision Making (2022) 22:261
https://doi.org/10.1186/s12911-022-02006-1

BMC Medical Informatics and Decision Making

RESEARCH Open Access

Adaptation and validation of a coding algorithm for the Charlson Comorbidity Index in administrative claims data using the SNOMED CT standardized vocabulary

Stephen P. Fortin*, Jenna Reps and Patrick Ryan

Abstract

Objectives: The Charlson comorbidity index (CCI), the most ubiquitous comorbid risk score, predicts one-year mortality among hospitalized patients and provides a single aggregate measure of patient comorbidity. The Quan adaptation of the CCI revised the CCI coding algorithm for applications to administrative claims data using the International Classification of Diseases (ICD). The purpose of the current study is to adapt and validate a coding algorithm for the CCI using the SNOMED CT standardized vocabulary, one of the most commonly used vocabularies for data collection in healthcare databases in the U.S.

Methods: The SNOMED CT coding algorithm for the CCI was adapted through the direct translation of the Quan coding algorithms followed by manual curation by clinical experts. The performance of the SNOMED CT and Quan coding algorithms were compared in the context of a retrospective cohort study of inpatient visits occurring during the calendar years of 2013 and 2018 contained in two U.S. administrative claims databases. Differences in the CCI or frequency of individual comorbid conditions were assessed using standardized mean differences (SMD). Performance in predicting one-year mortality among hospitalized patients was measured based on the c-statistic of logistic regression models.

Results: For each database and calendar year combination, no significant differences in the CCI or frequency of individual comorbid conditions were observed between vocabularies (SMD $\leq$ 0.10). Specifically, the difference in CCI measured using the SNOMED CT vs. Quan coding algorithms was highest in MDCD in 2013 (3.75 vs. 3.6; SMD = 0.03) and lowest in DOD in 2018 (3.93 vs. 3.86; SMD = 0.02). Similarly, as indicated by the c-statistic, there was no evidence of a difference in the performance between coding algorithms in predicting one-year mortality (SNOMED CT vs. Quan coding algorithms, range: 0.725–0.789 vs. 0.723–0.787, respectively). A total of 700 of 5,348 (13.1%) ICD code mappings were inconsistent between coding algorithms. The most common cause of discrepant codes was multiple ICD codes mapping to a SNOMED CT code (n = 560) of which 213 were deemed clinically relevant thereby leading to information gain.

Conclusion: The current study repurposed an important tool for conducting observational research to use the SNOMED CT standardized vocabulary.

OHDSI Shoutouts!

Any shoutouts from the community? Please share and help promote and celebrate OHDSI work!

Have a study published? Please send to sachson@ohdsi.org so we can share during this call and on our social channels.
Let's work together to promote the collaborative work happening in OHDSI!

Three Stages of The Journey

Where Have We Been?

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Upcoming Workgroup Calls

Date	Time (ET)	Meeting
Tuesday	12 pm	Common Data Model Vocabulary Subgroup
Tuesday	3 pm	OMOP CDM Oncology Outreach/Research Subgroup
Wednesday	10 am	FHIR and OMOP Digital Quality Measurements Subgroup (ZOOM)
Thursday	12 pm	FHIR and OMOP Oncology Subgroup
Thursday	12 pm	FHIR and OMOP Terminologies Subgroup (ZOOM)

Final EHDEN Open Data Call

EHDEN is hosting its seventh and final open call for European data partners who are interested in mapping their patient data to OMOP. Through six open calls, EHDEN has welcomed 166 data partners across 26 countries to its federated network, and this is the final opportunity to join this effort.

The deadline to apply is Friday, Nov. 11.

Jenny Lane Joins ESR Career Series

Jenny Lane, a NIHR Academic Clinical Lecturer and 2020 Titan Award winner, joined the Early-Stage Research Workgroup Career Series in October to discuss her career, her journey through OHDSI, and plenty more.

Check out this interview now on our YouTube channel:

youtube.com/c/OHDSI

Johns Hopkins Faculty Position

Research Associate (Data Scientist/Statistical Engineer), Johns Hopkins inHealth and Biostatistics Center

- Execute OHDSI studies (e.g. for cohort characterizations and comparative effectiveness) on Johns Hopkins's EHR data to support clinicians;
- Collaborate with statisticians and clinicians to continuously integrate state-of-the-art statistical tools to the inHealth/OHDSI tool stack for deployment;
- Mentor trainees on data science and software development skills;
- Co-teach courses on observational health data analytics and data science skills at School of Medicine and Public Health;
- Facilitate adoption of the inHealth tools among the broader OHDSI community by contributing to OHDSI's Health Analytics Data-to-Evidence Suite.
- https://apply.interfolio.com/114436

Large-Scale Observational Cancer Research: Challenges and Opportunities

JOHNS HOPKINS MEDICINE

Informatics Grand Rounds

Join us on October 13th at 12 PM EST to hear Dr. Asieh Golozar discuss the challenges and limitations of observational cancer research and provide examples of the Oncology module in action.

ASIEH GOLOZAR
MD PhD MHS MPH
VP, Global Head of Data Science
Odysseus Data Services

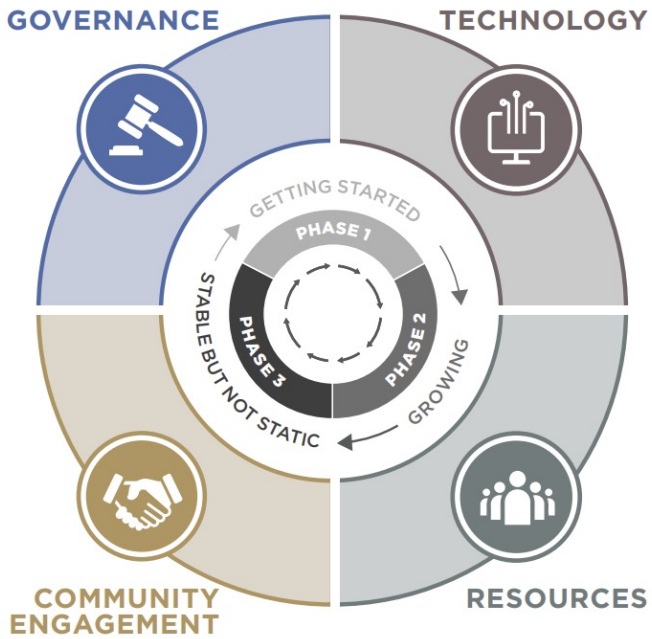
October 13th
12 PM ET
Bit.ly/OctGR22

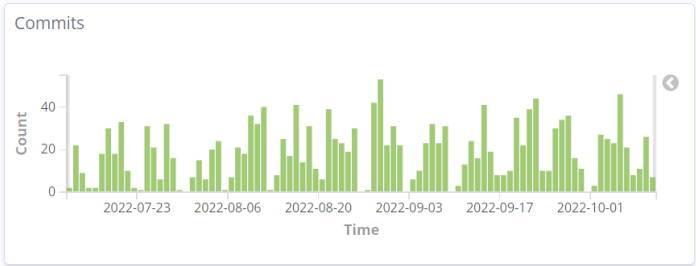
National Science Foundation
Open Source Ecosystem Grant

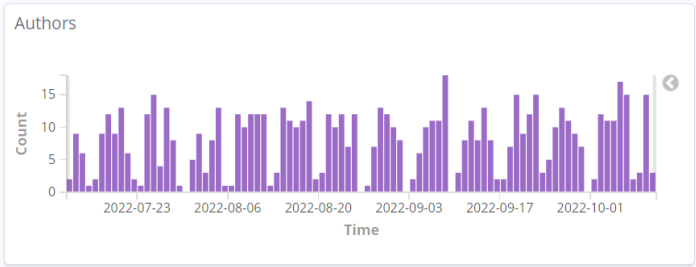
- Award Abstract # 2229587
- POSE Phase I: Observational health data sciences and informatics (OHDSI) open source ecosystem (OSE) development
- One of 20 ecosystems developing open-source ecosystems
- In partnership with Columbia University and Tufts
- Helps fund the OHDSI coordinating center
- 9/2022-9/2023

National Science Foundation
WHERE DISCOVERIES BEGIN

1. Onboarding program for new contributors.
2. Building dashboards on monitoring sustainability of our projects.
3. Having leadership forums on governance models.







2022 OHDSI APAC Symposium

2022 APAC OHDSI Symposium

Nov. 12 - 13 · Taipei Medical University

We are excited to announce that registration and collaborator showcase submissions for the 2022 OHDSI APAC Symposium, which will be held Nov. 12-13, is now open! This two-day event will take place in Taipei, Taiwan at the Taipei Medical University and also be broadcasted virtually for those who are not able to participate in person.

2022 OHDSI APAC Symposium Agenda and Registration Details

Day 1 (Nov. 12) — Tutorial Workshop

8:30 – 9:00 • Registration
9:00 – 12:00 • OHDSI Intro – CDM & Vocabulary
12:00 – 13:00 • Lunch & Poster Session
13:00 – 17:00 • ETL & Data Quality I Phenotype Development

Day 2 (Nov. 13) — Main Conference

08:00 – 09:00 • Registration & Light Breakfast
09:00 – 09:20 • Welcome Session
09:20 – 09:40 • Group Photo

Session 1: Envisioning of OHDSI Global & OHDSI APAC
09:40 – 10:00 • Keynote – OHDSI Global Presentation
10:00 – 10:20 • OHDSI APAC Introduction
10:20 – 10:30 • Break

Session 2: The Implication Experiences in OHDSI Region
10:30 – 11:30 • Researches in OHDSI APAC
11:30 – 11:45 • Researches using Taiwan National Data
11:45 – 12:00 • Researches using TMUCRD Data
12:00 – 13:00 • Lunch & Poster Presentation

Session 3: The Challenges of Research in OHDSI APAC
13:00 – 14:00 • Panel – Standardization & Common Data Models
14:00 – 15:00 • Panel – APAC Regional Adaption to Standardization
15:00 – 15:15 • Break
15:15 – 16:15 • Poster & Networking Session
16:15 – 17:00 • Closing Remarks

Register for Day 2 Here

Day 2 Registration Fees (In-Person)
International Student/Trainee: $50
International Academia/Government: $100
International Industry/Corporate: $200
Local Registrant: Free

ohdsi.org/2022apacsymposium

2022 OHDSI Symposium

OHDSI Community Calls | Events & Past Collaborations | Learn About & Join OHDSI Workgroups | This Week In OHDSI | EHDEN Academy
Annual Report: Our Journey | Publications | Support & Sponsorship | OHDSI2022 Symposium | Newsletters | Follow OHDSI on Social

2022 OHDSI Symposium

Oct. 14-16 · Bethesda North Marriott Hotel & Conference Center

We are thrilled to announce that registration for the 2022 OHDSI Symposium, which will be held Oct. 14-16 at the Bethesda North Marriott Hotel & Conference Center, is now open!

It is so exciting to bring our community back together this fall. Our collaborator showcase will return; please click the link to see how you can take part in our poster presentations, software demos and lightning talks. The full agenda for our conference is still being developed, so please continue to check the OHDSI website (www.ohdsi.org) and our social platforms for updates as we plan for the 2022 Symposium.

The main conference will be held Friday, Oct. 14. A full-day tutorial will be held Saturday, Oct. 15, while other community activities will be held both Oct. 15 and Oct. 16.

Symposium Registration Details

Friday, Oct. 14 – Main Conference

Registration Fee: $500*
** this is an open and inclusive event; if the registration fee represents a burden to you, please contact symposium@ohdsi.org.*

Should you need to make changes or cancel your registration ticket, please follow the instructions you will receive on your Eventbrite confirmation upon registration completion. Please note that tickets can be refunded up until 7 days prior to the event; Eventbrite fees are not refundable.

Register For The Main Conference · Friday, Oct. 14

Saturday, Oct. 15 – Full-Day Tutorial: An Introductory Journey From Data To Evidence

Registration Fee: $300*
** this is an open and inclusive event; if the registration fee represents a burden to you, please contact symposium@ohdsi.org.*

Should you need to make changes or cancel your registration ticket, please follow the instructions you will receive on your Eventbrite confirmation upon registration completion. Please note that tickets can be refunded up until 7 days prior to the event; Eventbrite fees are not refundable.

Register For The Full-Day Tutorial · Saturday, Oct. 15

What Will Be Taught At This Tutorial?

Saturday, Oct. 15 and Sunday, Oct. 16 — Community Activities

A highlight of the OHDSI Symposium will be a full weekend of workgroup activities and meetings within the Bethesda North Marriott Hotel & Conference Center. You are now able to register for any workgroup sessions as long as there is no overlap between any two sessions; registration is free, but please do so early as this will be first-come, first-served due to room capacity.

See The Schedule & Agenda For Workgroup Activities · Weekend of Oct. 15-16

Register For Workgroup Activities · Weekend of Oct. 15-16

Hotel Information and Sleeping Room Block

Hotel: Bethesda North Marriott Hotel & Conference Center
Address: 5701 Marinelli Road, Rockville, Maryland, 20852
Hotel Main Number: (301) 822-9200
Reservations Toll Free: (877) 212-5752
Reservations Local Phone: (301) 822-9200

This year, OHDSI is holding a sleeping room block for the nights of Oct. 13 and 14 with a special room rate of $179 plus taxes. Please note that all sleeping rooms are on a first-come, first-served basis. To help us in the planning process, we ask that you do not cancel your hotel room ordered through the OHDSI Room Block. If you must cancel, please let us know prior to Thursday, Sept. 1, so that we can offer the room to others who may need one. Once the room block is full, or if specific nights are sold out, you may make additional room reservations on the hotel's website or by calling the hotel phone number above. Please note that OHDSI is not holding any sleeping rooms on Saturday, Oct. 15. Therefore, please call the hotel phone number or make this reservation online should you plan to stay Saturday night.

ohdsi.org/ohdsi2022symposium

#OHDSI2022 Agenda

OHDSI
Observational Health Data Sciences and Informatics

OHDSI 2022 Symposium
Oct. 14-16, 2022
Bethesda North Marriott Hotel & Conference Center

Main Conference Agenda • Oct. 14

7:30 am - 8:30 am *Ballroom AE Foyer*	Registration and Lite Breakfast
9:00 am - 10:00 am *Ballroom DE*	**State of the Community** George Hripcsak, Columbia University • *presentation of 2020, 2021 Titan Awards*
10:00 am - 10:45 am *Ballroom DE*	**Workgroup and Chapter connections** • *workgroup/chapter leads will be distributed across the venue and available for networking to share activities and progress and connect for future collaborations* **OHDSI Speed Dating**
10:45 am - 12:15 pm *Ballroom DE*	**Plenary: Objective Diagnostics: A pathway to provably reliable evidence** Martijn Schuemie, Johnson & Johnson
12:15 pm - 1:00 pm *Ballroom Foyer*	**Buffet Lunch** • *buffet in exhibitor space*
1:00 pm - 2:00 pm *Ballroom DE*	**Presentations: OHDSI support for regulatory authorities** moderator: Jody-Ann McLeggon, Columbia University • *"US FDA/CBER: Performance of vaccine safety surveillance methods" Fan Bu, UCLA* • *"Korea Ministry of Food and Drug Safety: Replication of clinical trials in electronic health records" Seng Chan You, Yonsei University* • *"European Medicines Agency: DARWIN-EU" Peter Rijnbeek, Erasmus MC*
2:00 pm - 3:00 pm *Ballroom ABC*	**Collaborator Showcase, Round 1** • *Poster presentations with poster walks* • *Software demonstrations* • *Exhibitors*
3:00 pm - 4:00 pm *Ballroom DE*	**Collaborator Showcase Lightning Talks** moderator: Kristin Kostka, Roux Institute at Northeastern University • *"Disambiguation of ICPC codes using free-text and active learning to improve concept mappings" Tom Seinen, Erasmus MC* • *"OHDSI Phenotype Phebruary: lessons learned" Azza Shoaibi, Johnson & Johnson*

OHDSI
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OHDSI 2022 Symposium
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Main Conference Agenda • Oct. 14

3:00 pm - 4:00 pm *Ballroom DE* *(continued)*	• *"Reduce, Reuse, & Recycle: Going Green with Atlas Reusables" Ajit Londhe, Amgen* • *"Best practices for prognostic model development using observational health data: a scoping review" Cynthia Yang, Erasmus MC* • *"Machine Learning for Predicting Patients at Risk of Prolonged Opioid Use Following Surgery" Behzad Naderalvojoud, Stanford University* • *"When does statistical equality meet health equity: developing analytical pipelines to compare associational and causal fairness in their application to EHR data" Linying Zhang, Columbia University* • *"Analyzing the Effect of Hypertension on Retinal Thickness Using Radiology Common Data Model (R-CDM)" Chul Hyoung Park, Ajou University* • *"Multinational Patterns of Second-line Anti-hyperglycemic Drug Initiation: A LEGEND-T2DM Study" Lovedeep Dhingra, Yale University*
4:00 pm - 5:00 pm *Ballroom ABC*	**Collaborator Showcase, Round 2** • *Poster presentations with poster walks* • *Software demonstrations* • *Exhibitors*
5:00 pm - 6:00 pm *Ballroom DE*	**Closing Talk: Building A Healthier World Together** Patrick Ryan, Johnson & Johnson, Columbia University • *2022 Titan Awards* • *Group photo at conclusion*
6:00 pm - 7:00 pm *Ballroom ABC*	**Networking Reception**

Register Here:
ohdsi.org/ohdsi2022symposium/

#JoinTheJourney

bit.ly/OHDSI2022Agenda

#OHDSI2022 Agenda

OHDSI 2022 Symposium
Oct. 14-16, 2022
Bethesda North Marriott Hotel & Conference Center

Collaborator Showcase

Poster Presentations

The 2022 OHDSI Symposium will host two sessions featuring a total of over 90 posters that highlight the breadth of global research happening within our community.

Odd-numbered posters will be presented during the first showcase session (2-3 pm), while the even-numbered posters will be presented during the second showcase session (4-5 pm).

Observational data standards and management

18 - Assessing Measurement Data Quality in the All of Us Research Program (Jason Patterson)
19 - Data Quality Monitoring, Transparency and Governance: Enterprise process for data quality stewardship and governance for real-world data (Selvin Soby)
20 - Assessing and Benchmarking Data Quality and Diversity in the All of Us (Lina Sulieman)
21 - OMOPs problematic one ICD to more than one SNOMED mappings (Sigfried Gold)
22 - An Evaluation of the Impact of Vocabulary Evolution on Established Phenotypes (Frank DeFalco)
23 - Constructing vaccine vocabulary hierarchy using formal concept analysis (Adam Black)
24 - Extending the OMOP Standard Vocabulary to Include Botanical Natural Products (Sanya Taneja)
25 - Mapping variants of known significance to the OMOP Genomic Vocabulary (Michael Gurley)
26 - Development of the Medical Imaging Extension for OMOP-CDM (Seng Chan You)
27 - Oncology Extension of OMOP-CDM and Federated Learning for Multi-national Cancer Study (Seo Jeong Shin)
28 - Protocol for finding supplemental oxygen data in electronic health record (EHR) flowsheets for inclusion in the OMOP ETL (Tanner Zhang)
29 - Leveraging Location Data in OMOP to Incorporate Area Deprivation Index (Maura Beaton & Xinzhuo (Zoey) Jiang)
30 - The manifold presentations of PROMS and questionnaires: patient-reported outcomes in OMOP use cases (Sebastiaan van Sandijk)
31 - A scalable framework for transforming multiple data sources to the OHDSI Common Data Model (Janos Hajagos)
32 - Accurate Oncology Regimen Annotation and analysis of real-world oncology treatment patterns across five academic institutions (Travis Zack)
33 - FeederNet (Federated E-Health Big Data for Evidence Renovation Network) platform in Korea (Seongwon Lee)
34 - OMOP's evolution in the data reuse strategy of Hospital Universitario 12 de Octubre (Noelia Garcia)
35 - PHAROS, Platform for Harmonizing and Accessing Data in Real-time on Infectious Disease Surveillance Based on OMOP-CDM in Korea (Chungsoo Kim)
36 - Real World Challenges to Using Real World Data: Creating a Multi-Institutional Database in OMOP (Michael Cantor)
37 - Syntactic and Semantic Harmonization of the French National Healthcare Database (SNDS) (Nicolas Thurin)
38 - A simplified ETL approach to transforming the MIMIC database into the OMOP Common Data Model in SQLite (Juan Banda)
39 - OMOP and FHIR Data Comparison (Andrey Soares)

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Collaborator Showcase

Poster Presentations

Open-source analytics development

40 - Lowering the OMOP ETL Barrier for Clinical Registries (Smith Heavner)
41 - Jackalope: A software tool for meaningful post-coordination for ETL purposes (Eduard Korchmar)
42 - Deployment of an OMOP CDM-compatible NLP system for Rapid Development and Dissemination of a Long-COVID Extraction NLP task (Andrew Wen)
43 - Knowledge Graph to aid Cohort Diagnostics in concept sets developing (Thi Ngoc Mai Nguyen)
44 - Cohort Definition Validation in Atlas (Charity Hilton)
45 - Transitioning ANANKE to OMOP2OBO for more robust NLP extraction and knowledge graph data representation leveraging the OHDSI vocabulary (Juan Banda)
46 - Development of cancer-related information extraction model from pathology reports using transfer learning (Jimyung Park)
47 - Moving OMOP to the cloud with DBT and Snowflake (Roger Carlson)
48 - NACHC's open source implementation of FHIR to OMOP tool suite (John Gresh)
49 - Serverless CDM in OHDSIonAWS (James Wiggins)
50 - Odysseus ARACHNE Data Network - Federated Study Execution (Gregory Klebanov)
51 - DPM360: New Additions to Advanced Disease Progression Modeling (Akira Koseki)
52 - A survey of OMOP CDM-compatible visualization tools & what the community may do to support tool development and adoption (Natthawut Adulyanukosol)
53 - Developing objective metrics to diagnose PatientLevelPrediction model designs (Jenna Reps)
54 - Introduction of a standardized framework to develop deep-learning models using the OMOP-CDM (Chungsoo Kim)
55 - HERMES: A Health Resources Econometric Analysis Tool (Kyungseon Choi)
56 - PDA-OTA: Privacy-preserving Distributed Algorithms Over the Air, an OHDSI journey (Yong Chen)

Methodological research

57 - Representing and Utilizing Clinical Textual Data for Real World Studies: An OHDSI Approach (Hua Xu)
58 - Topic Modeling of Clinical Notes for Patients with Infectious Disease using Latent Dirichlet Allocation after Deidentification of Protected Health Information (Junhyuk Chang)
59 - The Seasonality Score: A Quantitative Complement to Qualitative Seasonality Assessment (Anthony Molinaro)
60 - Towards Similarity Search in Phenotype Libraries (Ramya Tekumalla)
61 - Examining Differences in Baseline Characteristics of Broad and Narrow Phenotype Algorithms (Jill Hardin)
62 - Comparison of Biopsy and Diagnosis Code Based Breast Cancer Phenotypes (Matthew Spotnitz)
63 - Comparing the impact of clean windows across cohorts and databases (Rupa Makadia)
64 - Adaptation and Validation of the Charlson Comorbidity Index in Administrative Claims Data Using the SNOMED CT Standardized Vocabulary (Stephen Fortin)
65 - Using data augmentation for NER-RE joint learning tasks for clinical history information extraction (Xiaodong Zhu)

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Poster Presentations

66 - Comparing broad and narrow phenotype algorithms: differences in performance characteristics and immortal time incurred. (Joel Swerdel)
67 - Examining differential measurement error in phenotype algorithms due to age, sex, and disease prevalence differences using PheValuator. (Joel Swerdel)
68 - Development of an automated comparator ranking algorithm for the REWARD initiative (Justin Bohn)
69 - Evaluating causal inference methods for survival data in large-scale observational studies (Shiyao Xu)
70 - ODAP-B: A One-shot Distributed Algorithm for Modified Poisson Regression for Prospective Studies with Binary Data (Lu Li)
71 - Scalable Bayesian sparse regression for OHDSI studies: Prior-preconditioned conjugate gradient sampler and `bayesbridge(r)` package (Akihiko (Aki) Nishimura)
72 - dGEM: Decentralized algorithm for Generalized mixed Effect Models with the Application in Hospital Profiling (Jiayi Tong)
73 - Adjusting for Healthcare Utilization Improves the Performance of Self-Controlled Case Series Studies using Electronic Health Records (Undina Gisladottir)
74 - Explaining patient-level prediction models using permutation feature importance and SHAP (Aniek Markus)
75 - Federated Patient-Level Prediction (Byungjin Choi)
76 - Impact of random oversampling and random undersampling on the performance of predictions models developed using observational health data (Cynthia Yang)
77 - PULSNAR: Positive Unlabeled Learning Selected Not At Random -- towards imputing undocumented conditions in EHRs and estimating their incidence (Christophe Lambert)

Clinical Applications

78 - How Health Systems Can Create Value by Adopting the OMOP CDM (John Methot)
79 - Building organizational capacity for observational research within a health system (Mary Grace Bowring)
80 - A Pilot Characterization Study Assessing Health Equity in Mental Healthcare Delivery within the State of Georgia (Jacob Zelko)
81 - Federated learning for quantifying racial disparities in kidney graft failure rates using US registry data from 29,468 patients across 149 transplant centers (Jiayi Tong)
82 - Cancer Phenotyping Pitfalls in EHR: The case of Non-Small Cell Lung Cancer (Asieh Golozar)
83 - Development of Phenotype Algorithms and Characterizations of Primary Open-Angle Glaucoma Using Real-World Data (Nathan Hall)
84 - It Takes a Village: Community-Driven Phenotyping to Address a Public Health Crisis (Kristin Kostka)
85 - Phenotyping of a Large Primary Spinal Cord Tumor Cohort Identified through an Observational Healthcare Database (Hart Fogel)
86 - Identification of patients with drug resistant epilepsy in electronic medical record data using the Observational Medical Outcomes Partnership Common Data Model (Matthew Spotnitz)

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Collaborator Showcase

Poster Presentations

87 - Characterization of first-line treatment for Breast Cancer and Multiple Myeloma using Electronic Health Record and Claims Databases (Matthew Spotnitz)
88 - Developing a frailty concept in the OMOP CDM among sexual minority older adults (age 50+) in the All of Us database (Brianne Olivieri-Mui)
89 - Analyzing the Use of Beers Criteria Guidelines through ATLAS Operationalization (Richard Boyce)
90 - COVID-19 Vaccine Administration Pathways in US Administrative Claims (Kevin Haynes)
91 - TREAD: Treatment with antidiabetics in patients with T2D and moderate to severe CKD (Martin Lavallee)
92 - Real world prescribing patterns of dupilumab for atopic dermatitis (Lisa Schilling)
93 - Incidence analysis and prediction of potentially harmful drugs among asthma patients (Victor Pera)
94 - Profiling of Comprehensive Health Data and Development of Visualization Dashboard for Cancer (Soobeen Seol)
95 - Characterization of Health by OHDSI Asia-Pacific chapter to identify Temporal Effect of the Pandemic for Cardiovascular Diseases (CHAPTER-CVDs) (Seng Chan You)
96 - Building Korean NER models for a manually annotated corpus from clinical notes using cross-lingual transfer learning (Jianfu Li)
97 - A Machine Learning based Enrollment Rate Forecasting System (Yiqiao Yin)
98 - Analysis of Influencing Factors of Mortality in COVID-19 Patients: A Retrospective Cohort Stud (Khang Do)
99 - Development of Lung Cancer Survival Prediction Models Based on Real-world Data and Machine Learning (Jason C. Hsu)
100 - Development of Machine Learning models for Cancer Survival among Lung cancer patients with Tyrosine Kinase Inhibitors (TKIs) treatment (Alex PA. Nguyen)
101 - Machine Learning to Predict the Ischemic Stroke among Type 2 Diabetes Mellitus Patients using Taipei Medical University Clinical Research Database (Thanh Phuc Phan)
102 - Mortality prediction after PCI/CABG using ECG and comorbidities (Stijn Dupulthys)
103 - One year Post-Stroke Prediction on Cognitive Impairment: A Machine Learning Approach (Jason C. Hsu)
104 - Prediction of insulin resistance in depression is associated with long-term clinical outcomes (Dong Yun Lee)
105 - Delirium prediction in patients with trauma and comparison of predictors across trauma center and non-trauma center (Su Jin Gan)
106 - Comparison of mortality, morbidities & healthcare resources utilization between patients with and without a diagnosis of Covid-19: A study protocol (Ivan Lam)
107 - Effects of the COVID-19 pandemic on mental health: A multinational network study (Yi Chai)
108 - Healthcare utilization following SARS-CoV-2 infection in children and adolescents with chronic conditions (Vitaly Lorman)
109 - Preliminary Analysis of Self-Reported COVID-19 Vaccination Side Effects on Twitter (Nishanth Pavinkurve)
110 - Epidemiology of vasomotor symptoms (VMS) in menopausal women (EpiVaSym): a multi-country, large-scale OHDSI network analytic study (Ron Herrera)
111 - Framework for Assessing the Reproducibility of Observational Comparative Effectiveness Researc: DOACs and Ischemic or Hemorrhagic Events Case Study (Asieh Golozar)

bit.ly/OHDSI2022Agenda

Where Are We Going?

Any other announcements of upcoming work, events, deadlines, etc?

Three Stages of The Journey

Where Have We Been?

Where Are We Now?

Where Are We Going?

Mad Minutes

Do you want to promote your poster or software demo during the **"Mad Minutes"** community call! Raise your hand and we'll get to as many people as possible!

Remember, you have 60 seconds!

Jamie Gilbert
Anna Ostropolets
Kyungseon Choi
Matthew Spotnitz (2)
Nathan Hall
Joel Swerdel
John Methot
Anthony Molinaro
Pieter-Jan Lammertyn
Eduard Korchmar
Sanya Taneja
Kristin Kostka