



2023 Poster Presentations

Odd-numbered posters will be presented during the collaborator showcase Friday 2:45pm to 3:30pm and Saturday 12:00pm-1:00pm

Even-numbered posters will be presented during the collaborator showcase Friday 4:15pm to 5:00pm and Sunday 12:00pm-1:00pm

OBSERVATIONAL DATA STANDARDS & MANAGEMENT (#s 2-43)

2	FinOMOP - a population-based data network	Javier Gracia-Tabuenca, Perttu Koskenvesa, Pia Tajanen, Sampo Kukkurainen, Gustav Klingstedt, Anna Hammais, Persephone Doupi, Oscar Brück, Leena Hakkarainen, Annu Kaila, Marco Hautalahti, Toni Mikkola, Marianna Niemi, Pasi Rikala, Simo Ryhänen, Anna Virtanen, Arto Mannermaa, Arto Vuori, Joanne Demmler, Eric Fey, Terhi Kilpi, Arho Virkki, Tarja Laitinen, Kimmo Porkka
3	From OMOP to CDISC SDTM: Successes, Challenges, and Future Opportunities of using EHR Data for Drug Repurposing in COVID-19	Wesley Anderson, Ruth Kurtycz, Tahsin Farid, Shermarke Hassan, Kalynn Kennon, Pam Dasher, Danielle Boyce, Will Roddy, Smith F. Heavner
4	Augmenting the National COVID Cohort Collaborative (N3C) Dataset with Medicare and Medicaid (CMS) Data, Secure and Deidentified Clinical Dataset	Stephanie Hong, Thomas Richards, Benjamin Amor, Tim Schwab, Philip Sparks, Maya Choudhury, Saad Ljazouli, Peter Leese, Amin Manna, Christophe Roeder, Tanner Zhang, Lisa Eskenazi, Bryan Laraway, James Cavallon, Eric Kim, Shijia Zhang, Emir Amaro Syailendra, Shawn O'Neil, Davera Gabriel, Sigfried Gold, Tricia Francis, Andrew Girvin, Emily Pfaff, Anita Walden, Harold Lehmann, Melissa Haendel, Ken Gersing, Christopher G Chute
5	Integrating clinical and laboratory research data using the OMOP CDM	Edward A. Frankenberger, Chun Yang, Vamsidhar Reddy Meda Venkata, Alyssa Goodson
6	Development of Medical Imaging Data Standardization for Imaging-Based Observational Research: OMOP Common Data Model Extension	Woo Yeon Park, Kyulee Jeon, Teri Sippel Schmidt, Haridimos Kondylakis, Seng Chan You, Paul Nagy
7	Conversion of a Myositis Precision Medicine Center into a Common Data Model: A Case Study	Zachary Wang, Will Kelly, Paul Nagy, Christopher A Mecoli

8	Implementing a common data model in ophthalmology: Comparison of general eye examination mapping to standard OMOP concepts across two major EHR systems	Justin C. Quon, William Halfpenny, Cindy X. Cai, Sally L. Baxter, Brian C. Toy
9	Enhancing Data Quality Management: Introducing Capture and Cleanse Modes to the Data Quality Dashboard	Frank DeFalco, Clair Blacketer
10	“OMOP Anywhere”: Daily Updates from EHR Data Leveraging Epic’s Native Tools	Mujeeb A Basit, Merejea Varghese, Aamirah Vadsariya, Bhavini Nayee, Margaret Langley, Ashley Huynh, Jennifer Cai, Donglu Xie, Cindy Kao, Eric Nguyen, Todd Boutte, Shibby Antony, Tammye Garrett, Christoph U Lehmann, Duwayne L Willett
11	A Toxin Vocabulary for the OMOP CDM	Maksym Trofymenko, Polina Talapova, Tetiana Nesmiian, Andrew Williams, Denys Kaduk, Max Ved, Inna Ageeva
12	Challenges and opportunities in adopting OMOP-CDM in Brazilian healthcare: a report from Hospital Israelita Albert Einstein	Maria Abrahao, Uri Adrian Prync Flato, Mateus de Lima Freitas, Diogo Patrão, Amanda Gomes Rabelo, Cesar Augusto Madid Truyts, Gabriela Chiuffa Tunes, Etienne Duin, Gabriel Mesquita de Souza, Soraya Yukari Aashiro, Adriano José Pereira, Edson Amaro
13	Transforming the Optum® Enriched Oncology module to OMOP CDM	Dmitry Dymshyts, Clair Blacketer
14	Mapping Multi-layered Oncology Data in OMOP	John Methot, Sherry Lee
15	Development of psychiatric common data model (P-CDM) leveraging psychiatric scales	Dong Yun Lee, Chungsoo Kim, Rae Woong Park
16	Brazilian administrative data for real-world research: a deterministic linkage procedure and OMOP CDM harmonization	Jessica Mayumi Maruyama, Julio Cesar Barbour Oliveira
17	Integration of Clinical and Genomic Data Mapped to the OMOP Common Data Model in a Federated Data Network in Belgium	Tatjana Jatsenko, Murat Akand, Joris Robert Vermeesch, Dries Rombaut, Michel Van Speybroeck, Martine Lewi, Valerie Vandeweerd
18	Opportunity and Challenge of Implementing the OHDSI System in Indonesia	Dian Tri Wiyanti, Daniel C.A. Nugroho, Yudha Eri Saputra, Septi Melisa, Phan Thanh-Phuc, Nguyen Phung-Anh, Jason C. Hsu, Min-Huei Hsu
19	Toward a General-Purpose Geography-Focused OHDSI Infrastructure	Kyle Zollo-Venecek, Robert Miller, William G. Adams, Jay Greenfield, Timothy B Norris, Polina Talapova, Maksym Trofymenko, Andrew Williams
20	Implementing the OMOP common data model in an NHS Trust using DBT	Quinta Ashcroft, Timothy Howcroft, Dale Kirkwood, Jo Knight, Vishnu V Chandrabalan
21	Conversion of the Canadian Observational Study on Epilepsy (CANOE) REDCap Registry to the OMOP Common Data Model	Danielle Boyce, Colin Bruce Josephson, Ray Jiang, Samuel Wiebe

22	Assessing data quality at DARWIN EU® data partner onboarding	Sofia Bazakou, Anna van Winzum, Maxim Moinat
23	Bladder cancer - a quality benchmark utilizing FHIR and OMOP	Andries Clinckaert, Valerie Vandeweerd, Murat Akand, Charlotte De Vlieghere, Bart Vannieuwenhuysse, Michel Van Speybroek, Frank Van der Aa, Martine Lewi, Christos Chatzichristos
24	Jackalope Plus: AI-Enhanced Solution for Mapping Unmappable Concepts	Denys Kaduk, Marta Vikhrak, Polina Talapova, Eduard Korchmar, Inna Ageeva , Max Ved
25	Make Your Tools Work for You: Customizing the Data Quality Dashboard to Identify Changes in Source Data	Melanie Philofsky
26	The Feasibility of Clinical Quality Language (CQL) Based Digital Quality Measures (dQMs) Implementation to OMOP CDM (Work in Progress)	Emir Amaro Syailendra, Woo Yeon Park, Ben Hamlin, Paul Nagy
27	Harmonization of OMOP vaccine-related vocabularies through the Vaccine Ontology	Yuanyi Pan, Warren Manuel, Rashmie Abeysinghe, Xubing Hao, Alexander Davydov, Qi Yang, Asiyah Yu Lin, Licong Cui, Yongqun Oliver He
28	Demonstrating Scalable Integration of Clinical, Translational, and Manufacturing Data to Explore Role of Manufacturing Approach in Driving Health Outcomes	Ben Smith, Trent Peterson, Jessica Manzyuk
29	Community Contribution to the OHDSI Vocabularies: moving towards collaborative shared resource	Oleg Zhuk, Anna Ostropolets, Alexander Davydov, Christian Reich
30	A new route of administration hierarchy derived from dose forms supporting standardised drug dose calculations	Theresa Burkard, Artem Gorbachev, Kim Lopez-Güell, Daniel Prieto-Alhambra, Martí Català, Christian Reich
31	Developing a perinatal expansion table for the OMOP common data model	Alicia Abellan, Edward Burn, Nhung Trinh, Theresa Burkard, Sergio Fernández-Bertolín, Eimir Hurley, Clara Rodriguez, Elena Segundo, Daniel R. Morales, Hedvig Nordeng, Talita Duarte-Salles
32	Comparing Patient Self-Reported Symptoms with SNOMED/ICD-10-CM Codes at Primary Care Visits	Victor M. Castro, Danielle M. Crookes, Vivian Gainer, Shawn N. Murphy, Justin Manjourides
33	Making NLP-derived data actionable within the OHDSI ecosystem	Michael Gurley, Kyle Zollo-Venecek, Andrew Williams, Daniel Smith, Robert Miller, Vipina Kuttichi Keloth, Hua Xu
34	Sirius tool: Conversion of clinical study data into OMOP model and implementation of data quality monitoring of wearable sensor data	Vojtech Huser, Esteve Verdura, Michael Lubke, Bhavna Adhin
35	Application of language model for extracting data from pathology reports	Gyubeom Hwang, Min-Gyu Kim, Min Ho An, Rae Woong Park
36	Open-Source Tools and Terminology to Increase Representativeness in OHDSI Data	Andrew S. Kanter
37	Mining Data Outside the Box: Internet as a New Source for Common Data Model	Min-Gyu Kim, Min ho An, GyuBeom Hwang, Rae Woong Park

38	Operational Definition of Adrenal diseases: Enhancing Precision and Reproducibility in Observational Data	Suhyun Kim, Seung Shin Park, Seung hun Lee, Kwangsoo Kim, JungHee Kim
39	Mapping Dental Use Cases to the OMOP-CDM: Vocabulary and Common Data Model Evaluation	Robert Koski, Gopikrishnan Chandrasekharan, William D. Duncan
40	Using MONAI Pre-Trained Models for Colorectal Tissue Type Phenotyping: A Feasibility Study to Integrate Deep Learning Model Results using the Medical Extension OMOP CDM	Shijia Zhang, Woo Yeon Park, Blake Dewey, Paul Nagy
41	Streamlining Cytogenetic Data Processing with ISCN Parsing and OMOP	Ben Smith, Trent Peterson, Jessica Manzyuk
42	Mapping gravity value sets to OMOP CDM: The case of the food insecurity screening	Adam Bouras, Davera Gabriel
43	Making OMOP Happen: An Implementation Science Approach	Maya Younoszai, Pam Dasher, Danielle Boyce, Smith Heavner
METHODOLOGICAL RESEARCH (#s 101-133)		
101	The Development and Validation of an Individual-Level Socioeconomic Deprivation Index (ISDI) with OMOP in the NIH's <i>All of Us</i> Data Network	Nripendra Acharya, Karthik Natarajan
102	Towards rapid augmented phenotyping using large language models	Juan M. Banda, Azza Shoaibi, Gowtham Rao, Evan Minty, Christophe Lambert, Joel Swerdel, Christian Reich, George Hripcsak, Patrick Ryan
103	Measuring Study Potential Through the Use of Data Diagnostics	Clair Blacketer, Frank DeFalco
104	Estimating Observable Time in the Absence of Defined Enrollment	Clair Blacketer, Patrick Ryan, Frank DeFalco, Martijn Schuemie, Peter Rijnbeek
105	Estimating model performance on external data sources from their summary statistics: a real-world benchmark	Tal El-Hay, Jenna M Reps, Chen Yanover
106	Integrating large language models and real-world evidence into an automated drug indication taxonomy development workflow	Yilu Fang, Chunhua Weng, Patrick Ryan
107	Bayesian sparse logistic models in patient-level predictive studies with the R package PatientLevelPrediction	Kelly Li, Jenna Reps, Marc Suchard
108	Developing a pregnancy algorithm in ATLAS: Applying start date offset	Rupa Makadia, Christopher Knoll, Patrick Ryan
109	Evaluating confounding adjustment when sample size is small	Martijn Schuemie, Marc A. Suchard, Akihiko Nishimura, Linying Zhang, George Hripcsak
110	Assessment of Pre-trained Observational Large Longitudinal models in OHDSI (APOLLO)	Martijn Schuemie, Yong Chen, Egill Fridgeirsson, Chungsoo Kim, Jenna Reps, Marc Suchard, Xiaoyu Wang, Chao Pang
111	Bayesian Evidence Synthesis with Bias Correction	Louisa H. Smith, Fan Bu, Akihiko Nishimura, Kristin Kostka, Jody-Ann McLeggon, Patrick B. Ryan, George Hripcsak, David Madigan, Marc A. Suchard
112	Examining differential measurement error due to race, age, and sex in mental health disorders using PheValuator	Joel Swerdel, Dmytro Dymshyts

113	An initial investigation into more complex stacking methods to improve transportability of prediction models developed across multiple databases	Cynthia Yang, Egill A. Fridgeirsson, Jan A. Kors, Jenna M. Reps, Peter R. Rijnbeek, Ross D. Williams, Jenna Wong
114	Assessing the Feasibility of a Machine Learning-Based Computational Phenotype for Identifying Transgender and Gender Diverse Patients in the OMOP Common Data Model	William A. Baumgartner Jr., Tyler Strickland, Danielle M. Kline, Abby M. Pribish, Molly McCallum, Amanuail Gebregzabheir, Dani Loeb, Lisa M. Schilling
115	Demonstrating Utility of the Edge Tool Suite through Clinical Trial Emulation	Ruth Kurtycz, Wesley Anderson, Allan J. Walkey, Kerry A. Howard, Smith F. Heavner
116	Agreement between measurement and diagnosis-based phenotype algorithms	Azza Shoaibi, Gowtham Rao, Dmytro Dymshyts, Anna Ostroplets, Patrick Ryan
117	Developing phenotypes across pregnant persons and infants: Utilizing pregnancy episode identification and mother-infant linkage algorithms to define outcomes	Rupa Makadia, Jill Hardin, Kevin Haynes, Dave Kern, Amir Sarayani, Melanie Jacobson
118	Using Cohort Diagnostics to Assess the Phenotypic Data Quality in All of Us Research Program	Lina Sulieman, Karthik Natarajan
119	A distributed multi-site latent class analysis (dMLCA) algorithm for federated disease subphenotype detection	Naimin Jing, Xiaokang Liu, Qiong Wu, Suchitra Rao, Asuncion Mejias, Mitchell Maltenfort, Julia Schuchard, Vitaly Lorman, Hanieh Razzaghi, Ryan Webb, Chuan Zhou, Ravi Jhaveri, Grace M. Lee, Nathan M. Pajor, Deepika Thacker, L. Charles Bailey, Christopher B. Forrest, and Yong Chen
120	Forecasting Daily Incidence of Respiratory Symptoms: A Comparative Study on Time Series Models using OMOP-CDM in South Korea	Min Ho An, Min-Gyu Kim, GyuBeom Hwang, ByungJin Choi, Rae Woong Park
121	Validating a clinical informatics consulting service using negative control reference sets	Michael Jackson, Saurabh Gombar, Raj Manickam, Robert Brown1, Ramya Tekumalla, Yen Low
122	Enhancing Precision and Validity: Leveraging Multiple Error-Prone Phenotypes in EHR-Based Association Studies	Yiwen Lu, Jiayi Tong, Rebecca A Hubbard, Yong Chen
123	Evaluation of Study Execution using Large-Scale Analytics: A Machine Learning Approach to Assess Pre-Exposure Prophylaxis (PrEP) Utilization in the Real-World	Nag Mani, Xiwen Huang, Li Tao, Hu Li
124	Modeling Decisions and Heterogeneity in Defining Aortic Diseases: Implications for Observational Studies and Phenotype Characterization	Evan Minty, Jack Janetzki, James P. Gilbert, Jung Ho Kim, Jung Ah Lee, Elsie Ross, Nicole Pratt, Gowtham Rao, Seng Chan You
125	Utilizing Graph Embeddings for Multiple Sclerosis Disease Modifying Therapy Adverse Events	Jason Patterson
126	Comparing Penalization Methods for Linear Models on Large Observational Health Data	Egill A. Fridgeirsson, Ross D. Williams, Peter Rijnbeek, Marc Suchard, Jenna Reys
127	The necessity of validity diagnostics when drawing causal inferences from observational data	James Weaver, Erica A Voss, Guy Cafri, Kathleen Beyrau, Michelle Nashleanas, Robert Suruki

128	External validation using clinical domain knowledge from the SNOMED medical terms hierarchy	LH John, EA Fridgeirsson, JA Kors, JM Reps, PR Rijnbeek
129	Creating parsimonious patient-level prediction models using feature selection	Aniek F. Markus, Egill A. Fridgeirsson, Ross D. Williams
130	Confidence Score: A Data-Driven Measure for Inclusive Systematic Reviews Considering Unpublished Preprints	Jiayi Tong, Chongliang Luo, Yifei Sun, Rui Duan, M. Elle Saine, Lifeng Lin, Yifan Peng, Yiwen Lu, Anchita Batra, Anni Pan, Olivia Wang, Ruowang Li, Arielle Anglin, Yuchen Yang, Xu Zuo, Yulun Liu, Jiang Bian, Stephen E. Kimmel, Keith Hamilton, Adam Cuker, Rebecca A. Hubbard, Hua Xu, Yong Chen
131	Creation of a set of clinical Patient-Level Prediction benchmark tasks	Ross D. Williams, Solomon Ioannou, Evan Minty, Jenna M. Reps
133	Incorporating measurement values into patient-level prediction with missing entries: a feasibility study	Xiaoyu Wang, Jenna Reps, Anthony Sena, James P. Gilbert, Marc A Suchard
OPEN-SOURCE ANALYTICS DEVELOPMENT (#s 201-218)		
201	Framework and Implementation of an OMOP-Oriented Clinical Data Warehouse Using Databricks	Jared Houghtaling, Kyrylo Simonov, Kyle Zollo-Venecek, Elina Hadelia, Manlik Kwong, Polina Talapova, Clark Evans, Robert Miller, Andrew E. Williams
202	Unleashing Community-Wide Research Potential: OHDSI Lab 2.0 – Empowering Scientists, Eliminating IT Hassles	Kristin Kostka, David Madigan, Christian Reich, Asieh Golozar, Brianne Olivieri-Mui, Daniel Pitch, Justin Manjourides, Aleksei Gorodetskii, Deepa Reddy, Juan Carlos Ñamendi Pineda, Osmar Benevidez, Konstantin Yaroshovets, Peter Berzin, Gregory Klebanov
203	Save Our Sisyphus Challenge: Lessons learned from Strategus execution on the OHDSI Network	Anthony G. Sena, Jenna Reps, Chungsoo Kim, Jack Brewster, Adam Black, Linying Zhang, Michael Cook, Phan Thanh Phuc, Scott L. DuVall, Marc A. Suchard
204	Using a Continuous Quality Improvement (CQI) Approach for Gap Analysis of OHDSI/ATLAS as An Enterprise Self-Service Analytics Platform by Academic Medical Centers	Selvin Soby, Pavel Goriacko, Jimmy John, Pavan Parimi, Erin M. Henninger, Parsa Mirhaji
205	Refactoring OHDSI cohort queries for performance: lessons from VA study participation	Benjamin Viernes, Marc A. Suchard, Patrick R. Alba, Katherine R. Simon, Michael E. Matheny, Scott L. DuVall
206	Demonstration of the OHDSI phenotype library	Gowtham Rao
207	The Need for Composite Concept Sets	Sigfried Gold, Joe Flack, Harold P Lehmann, Lisa Eskenazi, Xiaohan Tanner Zhang, Stephanie Hong, Richard L. Zhu, Christopher G. Chute

209	Exporting and Running OHDSI Generated Cohort Definitions in a Secure Enclave	Janos Hajagos
210	A Novel Approach to Matching Patients to Clinical Trials Using the OMOP Common Data Model	Jimmy John, Parsa Mirhaji, Surbhi Obeja, Boudewijn Aasman, Nina Bickell, Bruce Rapkin, Erin M. Henninger, Pavel Goriacko, Selvin Soby
211	Making OHDSI Tooling accessible to Researchers and Students in a HIPAA Compliant Platform	Hannah Morgan-Cooper, Adam Black, Behzad Naderalvojud, Evan Minty, Priya Desai
212	Polyphemus: Personalized Open-Source Language Models for Yielding Precise Health-Enhancing Medical Understanding and Support	Hayden Spence
213	The Use of the Julia Programming Language for Global Health Informatics and Observational Health Research	Jacob Zelko, Varshini Chinta, Malina Hy, Fareeda Abdelazeez
214	Building community, infrastructure, and insights for perinatal and reproductive health research in OHDSI	Alison Callahan, Stephanie Leonard, Louisa Smith
216	OHDSI on Databricks: A Complete Guide to Implementing OHDSI on Databricks	John Gresh, Brad Rechkemmer
217	OHDSI Network Study Execution Framework and Templating	Ben Martin, Cindy Cai, Asieh Golozar, Paul Nagy
218	A use case of OHDSI ATLAS in a high-throughput genome wide association study pipeline	Craig C. Teerlink, Hamid Saoudian, Richard Boyce, Philip S. Tsao, Michael E. Matheny, Marc A. Suchard, Kyle M. Hernandez, Robert Grossman, Scott L. DuVall
CLINICAL APPLICATIONS (#s 301-337)		
301	Patient-centered Economic Burden of Non-proliferative Diabetic Retinopathy with Diabetic Macular Edema	Kyungseon Choi, Sang Jun Park, Hyuna Yoon, Hae Sun Suh
302	Enabling Innovation at the Bedside using STARR-OMOP	Priya Desai, Alison Callahan, Juan M. Banda, Nikesh Kotecha, Shreya Shah, Somalee Datta
303	HowOften: Large Scale Incidence Rate Calculation of Every Side Effect for Every Drug	Elise Ruan, Karthik Natarajan, Ruijun Chen, Jungmi Han, Mark Velez, Taha Abdul-Basser, Edwin M. Cruz, Cindy Hsin-Yi Chen, Patrick Ryan, George Hripcsak
304	Postnatal growth deficiency and neurodevelopmental delay phenotypes to study drug safety during pregnancy	Amir Sarayani, Jill Hardin, Melanie Jacobson, Rupa Makadia, Joel Swerdel, Kevin Haynes, David Kern
305	Treatment pattern of osteoporosis in postmenopausal women using OMOP CDM	Dachung Boo, Seungjin Baek, Namki Hong, Yumie Rhee, Seng Chan You
306	Estimating the comparative risk of kidney failure associated with intravitreal anti-vascular endothelial growth factor (anti-VEGF) exposure in patients with blinding diseases	Cindy X. Cai, Mary Grace Bowring Diep Tran, Paul Nagy, Michael Cook, Akihiko Nishimura, Jia Ng, Marc A. Suchard, Scott L. DuVall, Michael Matheny, Asieh Golozar, Anna Ostropolets, Evan Minty, Fan Bu, Brian Toy, Will Halfpenny, Michelle Hribar, Jody-Ann McLeggon, Thomas Falconer,

		Linying Zhang, Laurence Lawrence-Archer, George Hripcsak
307	Comorbidity Co-occurrence in Women with Endometriosis: A Retrospective Matched Cohort Study	Tamar Zelovich, Vered Klaitman-Mayer, Chen Yanover
308	Data-driven assessment of mental health among children and adolescents with food allergy	Natalie Flaks-Manov, Inbal Goldshtein, Chen Yanover
309	From Complexity to Clarity: Reproducible and Scalable Phenotype Development and application of LLM in a support role.	Asieh Golozar, Albert Prats Uribe, Tom Seinen, Dani Prieto-Alhambra, Peter Rijnbeek, Christian Reich
310	Mother-Infant Linked Data: Methodology, Case Studies, and Cohort Development for Investigating Prenatal Exposure and Neonatal Outcomes	Jill Hardin, Alexis Krumme, David Kern, James Weaver, Clair Blacketer
311	Developing a Personalized Clinical Decision Support System for Statin Therapy for Primary Prevention using OMOP-CDM and Deep Learning Techniques	Su Min Kim, Ju-Hyeon Kim, Yunjin Yum, Eunbeen Jo, Jose Moon, Jong-Ho Kim, Yong Hyun Kim, Eung Ju Kim, Hyung Joon Joo
312	Observational Research in Dentistry: A Scoping Review	Robert Koski, Danielle Boyce, Brock Johnson, Adam Bouras, Swetha Kiranmayi Jakkuva
313	Impact of concomitant use of proton pump inhibitors and clopidogrel on cardiovascular adverse outcomes - A multicenter study using common data model	Seonji Kim, Kyung Joo Lee, Seng Chan You, Seung In Seo
314	Improving the detection of behavioral health conditions through positive and unlabeled learning: opioid use disorder	Praveen Kumar, Christophe G. Lambert
315	Prediction of Hospital Length of Stay for Planned Admissions Using OMOP CDM	Haeun Lee, Seok Kim, Hui-Woun Moon, Se Young Jung , Ho-Young Lee, Sooyoung Yoo
316	Antihypertensive medication use in pregnancy: A pilot OHDSI network analysis in electronic health record data	Stephanie A. Leonard, Louisa H. Smith, Sara Siadat, Karthik Natarajan, Brian T. Bateman, Thomas Falconer, John DiPalazzo, Alison Callahan
317	Phenotype Development for Neonatal Hypoxic Ischemic Encephalopathy Using Electronic Health Record and Claims Datasets	Star Liu, Tony Widenor, Danielle Boyce, Gowtham Rao, Evan Minty, Khyzer Aziz
318	Using Contrastive Principal Component Analysis to Identify Post-acute Sequelae of SARS-CoV-2 Infection Subphenotypes: an EHR-Based Cohort from the RECOVER Program	Xiaokang Liu, Yishan Shen, Naimin Jing, Christopher B. Forrest, Yong Chen
319	Large variety Country size RWD data-lake	Guy Livne, Keren Rosenstein, Atif Adam, Milou Brand, Nikolai Grewe, Ludovica Ancora, Nathan Japhet
320	The importance of including socioeconomic characteristics in prediction models of COVID-19 in Brazil, and in other highly unequal societies	Valentina Martufi, Renzo Flores-Ortiz, Priscilla Normando, Vinicius A. Oliveira, Maria Yury Ichihara, Mauricio L. Barreto, Elzo P. P. Júnior
321	Identification of HIV positive individuals across multiple datasets	Craig Mayer
322	Trend in Prescription Pattern in Heart Failure Medications	Septi Melisa, Christianus Heru Setiawan, Daniel C.A. Nugroho, Muhammad Solihuddin Muhtar, Dian Tri Wiyanti, Phan Thanh-

		Phuc, Nguyen Phung-Anh, Jason C. Hsu
323	Characteristics Associated with Persistent Opioid Use Following Total Joint Arthroplasty	Aurora Quaye, Janelle Richard, Henry Stoddard, Robert Krulee, Blaire Beers-Mulroy, Kristin Kostka, John DiPalazzo
324	Unraveling the Mediating Role of Frailty: Understanding Health Care Utilization among Older Sexual and Gender Minority Adults in the All of Us Research Program	Chelsea N Wong, Louisa H Smith, Robert Cavanaugh, Brianne Olivieri-Mui
325	Characteristics and outcomes of over a million inflammatory bowel disease subjects in seven countries: a multinational cohort study	Chen Yanover, Ramit Magen-Rimon, Erica Voss, Joel Swerdel, Anna Sheahan, Nathan Hall, Jimyung Park, Rae Woong Park, Kwang Jae Lee, Sung Jae Shin, Seung In Seo, Kyung-Joo Lee, Thomas Falconer, Leonard Haas, Paul Nagy, Mary Bowring, Michael Cook, Steven Miller, Tal El-Hay, Maytal Bivas-Benita, Pinchas Akiva, Yehuda Chowers, Roni Weissshof
326	Validation and Comparison of Frailty Indexes: An OHDSI Network Study	Chen Yanover, Louisa Smith, Tal El-Hay, Brianne Olivieri-Mui, Maytal Bivas-Benita, Robert Cavanaugh, Pinchas Akiva, Chelsea N. Wong, Ariela Orkaby
327	Quantification of Symptom Documentation on Disease Diagnosis Date in Structured Claims Data: An Application of the OHDSI Phenotype Library	Gowtham A. Rao, Azza Shoaibi
328	Prediction of End Stage Renal Disease in Patients with Type 2 Diabetes Mellitus Patients Using Common Data Model and Machine Learning Algorithm	Hyuna Yoon, Kyungseon Choi, Sang Youl Rhee, Hae Sun Suh
329	Risk of aortic aneurysm or dissection following exposure to fluoroquinolone antibiotics	Jack L. Janetzki, Jung Ho Kim, Jung Ah Lee, Seng Chan You, Nicole L. Pratt
330	Establishing and Operating the OHDSI Dentistry Workgroup: A Model for Other Disciplines	Danielle Boyce, Robert Koski, Brock Johnson
331	Harnessing OHDSI's Framework for a Global Real-World Evidence Master's Degree Program	Justin Manjourides, Kristin Kostka, Christian Reich, Asieh Golozar
332	Incorporating Real-World Data Research in Training First-Year Medical Students Using OHDSI OMOP and Atlas tools	Pavel Goriacko, Parsa Mirhaji, Jimmy John, Pavan Parimi, Erin M. Henninger, Daniel Beiter, Rakin Islam, Daniel Chernovolenko, Selvin Soby
333	Analyzing a Tabloid Headline with Real-World Data: A Summer Intern's Investigation	Delia Harms, Kristin Kostka
334	Guidance for Communication of the OHDSI Network Study Approach with Institutional Review Boards	Ben Martin, Mary Grace Bowring, Paul Nagy

335	Real-world Effectiveness of BNT162b2 in Children and Adolescents in Preventing Infection and Severe Diseases with SARS-CoV-2 During the Delta and Omicron Periods	Qiong Wu, Jiayi Tong, Bingyu Zhang, Dazheng Zhang, Jie Xu, Yishan Shen, Lu Li, L. Charles Bailey, Jiang Bian, Dimitri A. Christakis, Megan L. Fitzgerald, Kathryn Hirabayashi, Ravi Jhaveri, Alka Khaitan, Tianchen Lyu, Suchitra Rao, Hanieh Razzaghi, Hayden T. Schwenk, Fei Wang, Margot I. Witvliet, Eric J. Tchetgen, Jeffrey S. Morris, Christopher B. Forrest, and Yong Chen
336	Telehealth Utilization for Diabetes Care Among Individuals with Medicare and Medicaid Coverage	Nick Williams
337	Quantifying Racial Disparities in Kidney Graft Failure Rates Using US Registry Data with Federated Learning Algorithms	Dazheng Zhang, Jiayi Tong, Xing He, Jiang Bian, Yong Chen