



2023 Software Demonstrations

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

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

OPEN-SOURCE ANALYTICS DEVELOPMENT		
401	Integrating ATLAS Cohorts with DICOM Images and ECG Waveforms to Enrich Real-World Evidence Research	Boudewijn Aasman, Selvin Soby, Sudhakar Veeraraghavan, Erin M. Henninger, Chandra has Nelapatla, Manuel Wahle, Adil Ahmed, Pavel Goriacko, Parsa Mirhaji
402	A tool for empirically identifying and reviewing candidate comparators for Pharmacoepidemiological studies	Justin Bohn, Jamie P. Gilbert, Christopher Knoll, David M. Kern, Patrick B. Ryan
403	Leveraging the OMOP Common Data Model to Support Distributed Health Equity Research	Sarah Gasman, William G. Adams
404	Enhancing Data Characterization through Annotation	Frank DeFalco, Mikhail Iontsev, Clair Blacketer
405	Enhancing Comparator Selection in OHDSI studies using Cohort Subset Operations: A Software Demo of the CohortGenerator R HADES Package	James P Gilbert, Anthony Sena, Justin Boh, Chris Knoll, David Kern
406	Introducing KOIOS: removing impediments in genomic variant identification and mapping	Laurence Lawrence-Archer, Vlad Korsik, Varvara Savitskaya, Phani Kishore Davineni, John Methot, Asieh Golozar, Christian Reich
407	GUSTO Data Vault: Laying the foundations for an open science system with OMOP Data Catalogue	Cindy Ho, Li Ting Ang, Maisie Ng, Hang Png, Shuen Lin Tan, Estella Ye, Sunil Kumar Raja, Mengling Feng, Johan G Eriksson, Mukkesh Kumar
408	Ulysses: Introducing a workflow R package for assisting in the development of OHDSI studies	Martin Lavallee, Asieh Golozar
409	OMOP-to-BULK FHIR: A tool to convert population level clinical data into standardized FHIR batch data	Andrey Soares, Shahim Essaid, Michael G. Kahn
410	Expanding the OMOP Common Data Model in Accord with Federal Rules for Hospital Price Transparency and Transparency in Coverage	Jaan Altosaar Li, Jacob Zelko
411	Integration of Atlas into the Gen3 Data Commons Framework	Richard D Boyce, Craig C. Teerlink, Hamid Saoudian, Kyle M. Hernandez, Victoria Zaksas, Pieter Lukasse, Andrew Prokhorenkov, Noah Metoki-Shlubsky, Robert L. Grossman, Scott L. DuVall
412	DrugUtilisation: an R Package to implement Patient-level Drug Utilisation Studies analysis using the OMOP CDM	Kim Lopez-Guell, Yuchen Guo, Mike Du, Xintong Li, Ger Inberg, Therese Buckhard, Annika M. Jödicke, Artem Gorbachev, Daniel Prieto-Alhambra, Edward Burn, Martí Català

413	PDA-OTA: Privacy-preserving Distributed Algorithms Over the Air, an OHDSI journey	Yong Chen, Jiayi Tong, Chongliang Luo, Lu Li, Yiwen Lu, Hai-Shuo Shu
414	The OHDSI Analysis Viewer: Utilizing a suite of open-source packages and standardized tools in a unified platform for the interactive analysis of observational data	Nathan Hall, Jenna Repts, Jamie Gilbert
415	Using OMOP-CDM to Develop Dynamic Disease Registries and Analytic Data Enclaves to Share and Use Real-world Evidence	Erin M. Henninger, Selvin Soby, Manuel Wahle, Boudewijn Aasman, Pavel Goriacko, Chandra has Nelapatla, Reetam Nath, Parsa Mirhaji
416	Introducing ARTEMIS: Advanced Regimen Detection Using an Adapted Smith-Waterman Algorithm	Asieh Golozar, Laurence Lawrence-Archer, Travis Zack, Jeremy L. Warner, Christian Reich
417	Using the Informatics for Integrating Biology and the Bedside Platform to Query OMOP Data in the OHDSI Ecosystem	Jeffrey G. Klann, Griffin M. Weber, Michele Morris, Michael Mendis, Diane Keogh, Shawn N. Murphy
418	Utilizing ARACHNE Data Node and Execution Engine for Network Study execution	Gregory Klebanov, Alexey Manoylenko
419	Broadsea 3.0: "BROADening the ohdSEA"	Ajit Londhe, Lee Evans, Sanjay Udoshi
420	CohortSurvival: an R package for survival analysis using the OMOP CDM	Kim López-Güell, Marti Català, Danielle Newby, Ian Koblbauer, Xintong Li, Berta Raventós, Maria de Ridder, Talita Duarte-Salles, Dani Prieto-Alhambra, Edward Burn
421	Standardized Business Intelligence (BI) Dashboards with OMOP	Gregory Klebanov, Anna Ostroplets
422	Integration of Scalable Natural Language Processing to the Atlas Cohort Building Workflow	Pavan Parimi, Selvin Soby, Pavel Goriacko, Chandra has Nelapatla, Boudewijn Aasman, Manuel Wahle, Reetam Nath, Parsa Mirhaji
423	Criteria2Query 3.0 Powered by Generative Large Language Models	Jimyung Park, Yilu Fang, Chunhua Weng
424	PheMIME: An Interactive Web App and Knowledge Base for Phenome-Wide Multi-Institutional Multimorbidity Analysis	Siwei Zhang, Nick Strayer, Tess Vessels, Karmel Choi, Geoffrey Wang, Yajing Li, Cosmin Bejan, Ryan Hsi, Alexander Bick, Justin Balko, Douglas Johnson, Digna Velez Edwards, Michael Savona, Elizabeth Philips, Dan Roden, Jordan Smoller, Douglas Ruderfer, Yaomin Xu