



## 2018 Software Demonstrations

### OPEN-SOURCE ANALYTICS DEVELOPMENT – MORNING SESSION (11:30am – 1:00pm)

1	A Library of Reusable Eligibility Criteria for OMOP CDM-based Cohort definition	Chi Yuan, Patrick Ryan, Chunhua Weng
2	DL-MSAA: Deep Learning based Medical Sequence Auto-Analyzer	Sanghyung Jin
3	ReviewR: A light-weight, portable tool for viewing individual patient records	Laura K. Wiley, Luke V. Rasmussen, Lisa M. Schilling
4	Computable Phenotyping Using Both Structured and Unstructured Data with Atlas and ClarityNLP	Charity Hilton, Chirag Jamagdani, Richard Boyd, Trey Schneider, Jon Duke
5	Implementing the Cost and Utilization analysis to enable standardized Payer analytical use cases within the OHDSI Ecosystem	Gowtham Rao, Christopher Knoll, Pavel Grafkin, David M. Kern, Gregory Klebanov
6	OHDSI Large Scale Analytics: A Modular Study Design Workflow	Anthony G. Sena, Erica A. Voss, Jenna Repts, Martijn J. Schuemie
7	Cohort definition using a nested OMOP model with Apache Spark	Michael Davies, Alex Tawse
8	Standardizing Cohort Characterization Within the OHDSI Ecosystem	Pavel Grafkin, Chris Knoll, Anthony Sena, David Kern, Gowtham Rao

### OPEN-SOURCE ANALYTICS DEVELOPMENT – AFTERNOON SESSION (2:00pm – 3:00pm)

9	AI-CTS: Development of a novel artificial intelligence-based clinical trial support system	Dahee Chung, Eugene Jeong, Taehwan Kim, Arum Lee, Dukyong Yoon
10	PERIDOT: A Novel, Prototype, Web-based Toolbox to Conduct Comprehensive Drug Safety and Pharmacovigilance Activities	Rashedul Hasan, Alfred Sorbello
11	Expanding Treatment Pathways to a Standardized Analytics Capability Within the OHDSI Ecosystem	Chris Knoll, Pavel Grafkin, Anthony Sena, Gowtham Rao
12	Application for Epidemiological Geographic Information System (AEGIS) - An open source spatial analysis tool based on CDM	Jaehyeong Cho, Seng Chan You, Kyehwon Kim, Yohan Soh, Doyeop Kim, Rae Woong Park
13	TrialHunter: A first attempt towards efficient clinical trial search using dynamic questions generated from eligibility criteria	Cong Liu, Chi Yuan, Chunhua Weng
14	Automated PHenotype Routine for Observational Definition, Identification, Training and Evaluation (APHRODITE): Version 2.0	Juan M. Banda
15	OHDSI ARACHNE Research Network	Gregory Klebanov, Pavel Grafkin
16	Atlas Annotation Module: An integrated component for measuring OHDSI phenotype performance	Trey Schneider