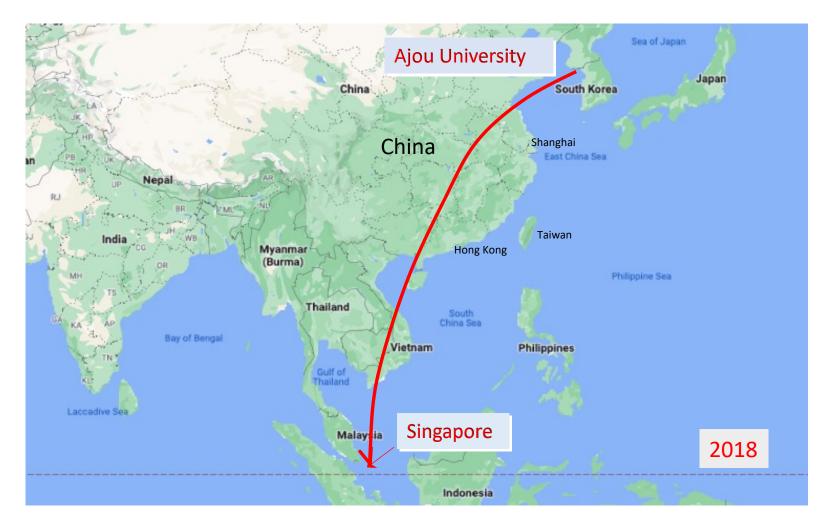
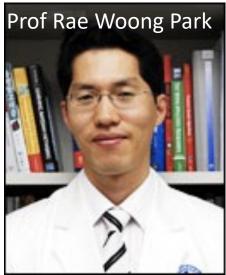


My OHDSI Odyssey









January 15-19, 2018





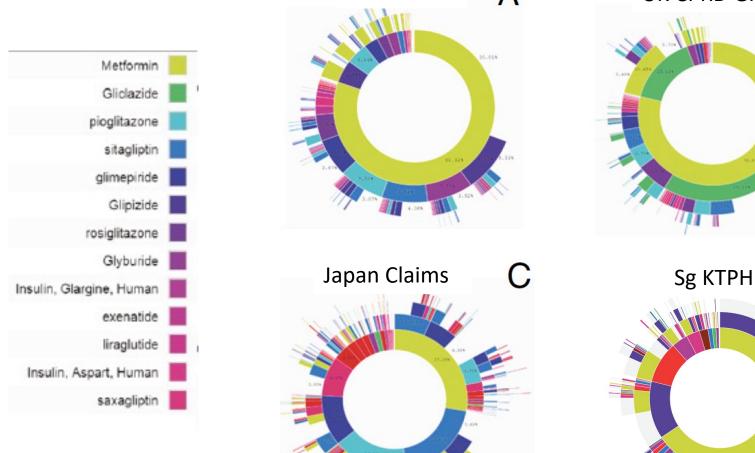
Characterizing treatment pathways at scale using the OHDSI network

George Hripcsak^{a,b,c,1}, Patrick B. Ryan^{c,d}, Jon D. Duke^{c,e}, Nigam H. Shah^{c,f}, Rae Woong Park^{c,g}, Vojtech Huser^{c,h}, Marc A. Suchard^{c,i,j,k}, Martijn J. Schuemie^{c,d}, Frank J. DeFalco^{c,d}, Adler Perotte^{a,c}, Juan M. Banda^{c,f}, Christian G. Reich^{c,l}, Lisa M. Schilling^{c,m}, Michael E. Matheny^{c,n,o}, Daniella Meeker^{c,p,q}, Nicole Pratt^{c,r}, and David Madigan^{c,s}

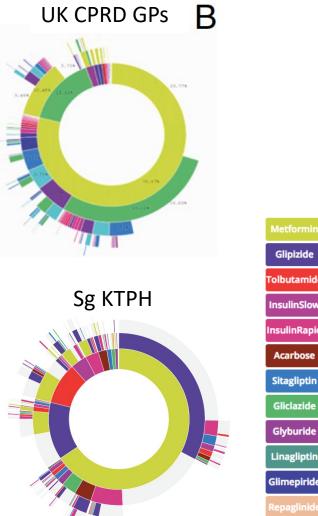
^aDepartment of Biomedical Informatics, Columbia University Medical Center, New York, NY 10032; ^bMedical Informatics Services, NewYork-Presbyterian Hospital, New York, NY 10032; ^cObservational Health Data Sciences and Informatics, New York, NY 10032; ^dEpidemi Development, Titusville, NJ 08560; ^eCenter for Biomedical Informatics, Regenstrief Institute, Indianapolis, IN 46205; Research, Stanford University, CA 94305; ^gDepartment of Biomedical Informatics, Ajou University School of Medicine, Hill National Center for Biomedical Communications (National Library of Medicine), National Institutes of Health, Biomathematics, University of California, Los Angeles, CA 90095; ^bDepartment of Biostatistics, University of California of Human Genetics, University of California, Los Angeles, CA 90095; ^cReal World Evidence Solutions, IMS Health, Bu Medicine, University of Colorado School of Medicine, Aurora, CO 80045; ^cDepartment of Biomedical Informatics, V Nashville, TN 37212; ^cGeriatric Research, Education and Clinical Center, VA Tennessee Valley Healthcare System, Na Preventive Medicine, University of Southern California, Los Angeles, CA 90089; ^cDepartment of Pediatrics, University of Southern California, Los Angeles, CA 90089; ^cDepartment of Pediatrics, University of York, NY 10027

Haroun Chahed
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Computer Science Major

DM Treatment Pathways: US, UK, Japan & Sg

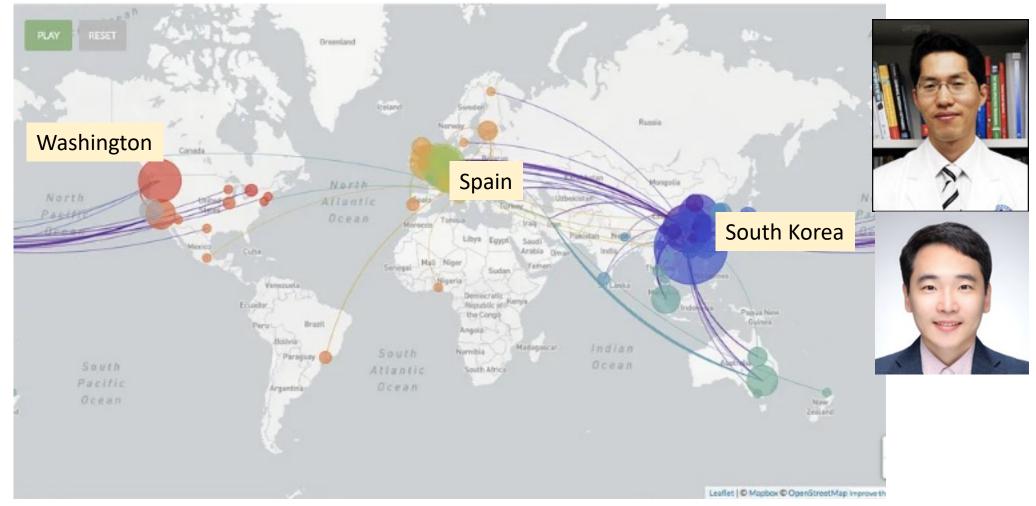


USA Claims



Same color scheme as Fig 3

Covid-19 Hot Spots in Early 2020



Covid-19 Hot Spots in Early 2020











OHDSI COLLABORATORS

Map of Collaborators

The OHDSI community brings together volunteers from around the world to establish open community data standards, develop open-source software, conduct methodological research, and apply scientific best practices to both answer public health questions and generate reliable clinical evidence.

Our community is ALWAYS seeking new collaborators. Do you want to focus on data standards or methodological research? Are you passionate about open-source development or clinical applications? Do you have data that you want to be part of global network studies? Do you want to be part of a global community that truly values the benefits of open science? Add a dot to the map below and JOIN THE JOURNEY!



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AFRICA Chapter

- Started in 2021 by Nega Gebreyesus, Ahmed El-Sayed, Andrew Williams & Andy Kanter
- Several African institutions have electronic health data
- Many trained in bioinformatics, public health, computer science, epidemiology etc. in Africa & African diaspora
- Prepared value proposition documents
- 2 OHDSI networks in Africa: Rwanda & Kenya
- Other sites interested but need funding
- Identify potential sources of funds to help with ETLs and OHDSI training
- Outreach to other African data science organizations and public health institutions



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OHDSI By The Numbers 2,367 collaborators 74 countries 21 time zones 6 continents 1 community 14 African countries, 13 ex-Africa countries

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Clinical Trial Working Group



- Long-term goal: Bring clinical trial data into the OHDSI ecosystem
- CDISC SDTM → OMOP CDM
- Define conceptual mappings and write a guidance
- Critical Path Institute (C-PATH) Tuberculosis Trials (TB-PACTS)
- Good Working Group to learn about the ETL process



