# HADES meeting

15 April 2021

Present: Martijn, Marc, George, Frank, Alexey, JPG, Jenna, Adam, Clair, Anthony Sena, Josh, Aki, Gowtham, Lee, Anthony Molinaro

# **Key result**: Increase the unit test coverage to > 80% for all packages

4 of the 20 packages now have > 80% coverage. CohortDiagnostics is expected to follow soon.

Lee has added a RedShift server loaded with Synpuf for unit testing. We will add these to the various packages.

**Action:** Martijn will convene a separate meeting explaining how to performing unit testing against the test databases.

# CDM 5.4.0

Clair reviews the proposed changes for the upcoming CDM v5.4.0:

1. Modify character limit of the UDI field in DEVICE\_EXPOSURE table #353
2. Add PROCEDURE\_STATUS\_CONCEPT\_ID to PROCEDURE\_OCCURRENCE table #376
3. Make the location table international #365
4. Add UNIT\_CONCEPT\_ID to DEVICE\_EXPOSURE #264
5. Add UNIT\_SOURCE\_CONCEPT\_ID to MEASUREMENT #259
6. Add DOSE\_UNIT\_CONCEPT\_ID to DRUG\_EXPOSURE #224
7. Add METADATA\_ID and VALUE\_AS\_NUMBER to METADATA table #202
8. Add VALUE\_SOURCE\_VALUE to OBSERVATION #193
9. Change CDM\_VERSION in CDM\_SOURCE to numeric and use a concept\_id to represent the version #306
10. Add EPISODE and EPISODE\_EVENT tables
11. Rename VISIT\_DETAIL\_PARENT\_ID to PARENT\_VISIT\_DETAIL\_ID #329
12. Add procedure\_start\_datetime, procedure\_start\_date, procedure\_end\_datetime, procedure\_end\_date to PROCEDURE table #286

The EPISODE table could be used to generate new features in FeatureExtraction. Otherwise, these changes are not expected to impact the HADES packages right now.

The CDM\_SOURCE table is of interest to the HADES group with respect to study packages, where the information from this table could be included in the shared results to uniquely identify a data source. One question is whether this table may contain sensitive information. Another question is whether more fields in the table should become required, and whether the HADES group could help enforce these requirements. Clair will circle back with the CDM workgroup.

# HADES paper

During the meeting a brief outline of the HADES paper is drafted. To be continued.