

2022-09-27 17:55:07 [Main thread] WARN EHDENUseCase3.2 execute
andromedaTempFolder
'/home/juanma/OHDSI/NICE/new_22_september/EhdenCovidUseCase-HydratedMinusCriteria1
/andromedaTemp' not found. Attempting to create folder

2022-09-27 17:55:07 [Main thread] INFO EHDENUseCase3.2 execute Checking
whether correct package versions are installed

2022-09-27 17:55:21 [Main thread] FATAL EHDENUseCase3.2 verifyDependencies
Mismatch between required and installed package versions. Did you forget to run
renv::restore()? - Package rlang version 1.0.5 should be 1.0.1 - Package glue version 1.6.2
should be 1.6.1 - Package cli version 3.3.0 should be 3.1.1 - Package crayon version 1.5.1
should be 1.4.2 - Package fansi version 1.0.3 should be 1.0.2 - Package magrittr version 2.0.3
should be 2.0.2 - Package vctrs version 0.4.1 should be 0.3.8 - Package hms version 1.1.2
should be 1.1.1 - Package pillar version 1.8.1 should be 1.6.5 - Package colorspace version
2.0.3 should be 2.0.2 - Package generics version 0.1.3 should be 0.1.2 - Package Rcpp version
1.0.9 should be 1.0.8 - Package tibble version 3.1.8 should be 3.1.6 - Package tidycell
version 1.1.2 should be 1.1.1 - Package tzdb version 0.3.0 should be 0.2.0 - Package withr
version 2.5.0 should be 2.4.3 - Package blob version 1.2.3 should be 1.2.2 - Package clipr
version 0.8.0 should be 0.7.1 - Package DBI version 1.1.3 should be 1.1.2 - Package dplyr
version 1.0.10 should be 1.0.7 - Package farver version 2.1.1 should be 2.1.0 - Package Matrix
version 1.4.1 should be 1.3.4 - Package nlme version 3.1.155 should be 3.1.153 - Package
RColorBrewer version 1.1.3 should be 1.1.2 - Package stringi version 1.7.8 should be 1.7.6 -
Package dbplyr version 2.2.1 should be 2.1.1 - Package jsonlite version 1.8.0 should be 1.7.3 -
Package MASS version 7.3.55 should be 7.3.54 - Package RSQLite version 2.2.16 should be
2.2.9 - Package scales version 1.2.0 should be 1.1.1 - Package SqlRender version 1.9.2 should
be 1.8.3 - Package stringr version 1.4.1 should be 1.4.0 - Package Andromeda version 0.6.1
should be 0.6.0 - Package DatabaseConnector version 5.0.4 should be 5.0.2 - Package ggplot2
version 3.3.6 should be 3.3.5 - Package ParallelLogger version 3.0.1 should be 3.0.0 - Package
plyr version 1.8.7 should be 1.8.6 - Package RcppEigen version 0.3.3.9.2 should be 0.3.3.9.1 -
Package checkmate version 2.1.0 should be 2.0.0 - Package Cyclops version 3.2.0 should be
3.1.2 - Package EmpiricalCalibration version 3.1.1 should be 3.0.0 - Package openssl version
2.0.2 should be 1.4.6 - Package sodium version 1.2.1 should be 1.2.0 - Package yaml version
2.3.5 should be 2.2.2 - Package renv version 0.15.5 should be 0.15.4 - Package
CohortGenerator version 0.6.0 should be 0.4.0

2022-09-27 18:51:10 [Main thread] INFO EHDENUseCase3.2 execute Checking
whether correct package versions are installed

2022-09-27 18:51:10 [Main thread] INFO EHDENUseCase3.2 execute Creating
exposure and outcome cohorts

2022-09-27 18:51:10 [Main thread] INFO DatabaseConnector connect Connecting
using PostgreSQL driver

2022-09-27 18:51:11 [Main thread] INFO CohortGenerator createCohortTables
Creating cohort tables

2022-09-27 18:51:12 [Main thread] INFO CohortGenerator logCreateTableMessage
- Created table results_cdm_20042022_ok.estimation_skeleton

2022-09-27 18:51:12 [Main thread] INFO CohortGenerator logCreateTableMessage
 - Created table results_cdm_20042022_ok.estimation_skeleton_inclusion
 2022-09-27 18:51:12 [Main thread] INFO CohortGenerator logCreateTableMessage
 - Created table results_cdm_20042022_ok.estimation_skeleton_inclusion_result
 2022-09-27 18:51:12 [Main thread] INFO CohortGenerator logCreateTableMessage
 - Created table results_cdm_20042022_ok.estimation_skeleton_inclusion_stats
 2022-09-27 18:51:12 [Main thread] INFO CohortGenerator logCreateTableMessage
 - Created table results_cdm_20042022_ok.estimation_skeleton_summary_stats
 2022-09-27 18:51:12 [Main thread] INFO CohortGenerator logCreateTableMessage
 - Created table results_cdm_20042022_ok.estimation_skeleton_censor_stats
 2022-09-27 18:51:12 [Main thread] INFO CohortGenerator createCohortTables
 Creating cohort tables took 0.75secs
 2022-09-27 18:51:12 [Main thread] INFO CohortGenerator getCohortDefinitionSet
 Loading cohortDefinitionSet
 2022-09-27 18:51:13 [Main thread] TRACE CohortGenerator generateCohortSet
 Initiating cluster consisting only of main thread
 2022-09-27 18:51:13 [Main thread] INFO CohortGenerator FUN 1/26- Generating
 cohort: Aspirin Cohort Minus Criteria 1 (EHDEN Use Case)
 2022-09-27 19:00:49 [Main thread] INFO DatabaseConnector executeSql Executing
 SQL took 9.59 mins
 2022-09-27 19:00:49 [Main thread] INFO CohortGenerator FUN 2/26- Generating
 cohort: Heparin Cohort Minus Criteria 1 (EHDEN Use Case)
 2022-09-27 19:03:25 [Main thread] INFO DatabaseConnector executeSql Executing
 SQL took 2.59 mins
 2022-09-27 19:03:25 [Main thread] INFO CohortGenerator FUN 3/26- Generating
 cohort: Death (EHDEN Use Case)
 2022-09-27 19:03:28 [Main thread] INFO DatabaseConnector executeSql Executing
 SQL took 3.01 secs
 2022-09-27 19:03:28 [Main thread] INFO CohortGenerator FUN 4/26- Generating
 cohort: Sepsis (EHDEN Use Case)
 2022-09-27 19:03:53 [Main thread] INFO DatabaseConnector executeSql Executing
 SQL took 24.5 secs
 2022-09-27 19:03:53 [Main thread] INFO CohortGenerator FUN 5/26- Generating
 cohort: Discharge from Hospitalization (EHDEN Use Case)
 2022-09-27 19:04:14 [Main thread] INFO DatabaseConnector executeSql Executing
 SQL took 21.8 secs
 2022-09-27 19:04:14 [Main thread] INFO CohortGenerator FUN 6/26- Generating
 cohort: Respiratory Tract Infection (EHDEN Use Case)
 2022-09-27 19:05:03 [Main thread] INFO DatabaseConnector executeSql Executing
 SQL took 48.3 secs
 2022-09-27 19:05:03 [Main thread] INFO CohortGenerator FUN 7/26- Generating
 cohort: Cardiovascular Events (EHDEN Use Case)
 2022-09-27 19:05:35 [Main thread] INFO DatabaseConnector executeSql Executing

SQL took 32.4 secs

2022-09-27 19:05:35 [Main thread] INFO CohortGenerator FUN 8/26- Generating cohort: Venous Thromboembolism (EHDEN Use Case)

2022-09-27 19:05:38 [Main thread] INFO DatabaseConnector executeSql Executing SQL took 2.88 secs

2022-09-27 19:05:38 [Main thread] INFO CohortGenerator FUN 9/26- Generating cohort: Aspirin Cohort Intensive Services Minus Criteria 1 (EHDEN Use Case)

2022-09-27 19:05:40 [Main thread] INFO DatabaseConnector executeSql Executing SQL took 1.7 secs

2022-09-27 19:05:40 [Main thread] INFO CohortGenerator FUN 10/26- Generating cohort: Heparin Cohort Intensive Services Minus Criteria 1 (EHDEN Use Case)

2022-09-27 19:07:30 [Main thread] INFO DatabaseConnector executeSql Executing SQL took 1.84 mins

2022-09-27 19:07:30 [Main thread] INFO CohortGenerator FUN 11/26- Generating cohort: Aspirin Cohort Oxygen Users Minus Criteria 1 (EHDEN Use Case)

2022-09-27 19:07:31 [Main thread] INFO DatabaseConnector executeSql Executing SQL took 0.935 secs

2022-09-27 19:07:31 [Main thread] INFO CohortGenerator FUN 12/26- Generating cohort: Heparin Cohort Oxygen Users Minus Criteria 1 (EHDEN Use Case)

2022-09-27 19:08:55 [Main thread] INFO DatabaseConnector executeSql Executing SQL took 1.39 mins

2022-09-27 19:08:55 [Main thread] INFO CohortGenerator FUN 13/26- Generating cohort: Aspirin Cohort Receiving Corticosteroids Minus Criteria 1 (EHDEN Use Case)

2022-09-27 19:09:26 [Main thread] INFO DatabaseConnector executeSql Executing SQL took 31.7 secs

2022-09-27 19:09:26 [Main thread] INFO CohortGenerator FUN 14/26- Generating cohort: Heparin Cohort Receiving Corticosteroids Minus Criteria 1 (EHDEN Use Case)

2022-09-27 19:10:50 [Main thread] INFO DatabaseConnector executeSql Executing SQL took 1.39 mins

2022-09-27 19:10:50 [Main thread] INFO CohortGenerator FUN 15/26- Generating cohort: Baricitinib Cohort Minus Criteria 1 (EHDEN Use Case)

2022-09-27 19:10:53 [Main thread] INFO DatabaseConnector executeSql Executing SQL took 3.01 secs

2022-09-27 19:10:53 [Main thread] INFO CohortGenerator FUN 16/26- Generating cohort: Tocilizumab Cohort Minus Criteria 1 (EHDEN Use Case)

2022-09-27 19:11:04 [Main thread] INFO DatabaseConnector executeSql Executing SQL took 11 secs

2022-09-27 19:11:04 [Main thread] INFO CohortGenerator FUN 17/26- Generating cohort: Baricitinib Cohort Intensive Services Minus Criteria 1 (EHDEN Use Case)

2022-09-27 19:11:05 [Main thread] INFO DatabaseConnector executeSql Executing SQL took 1.39 secs

2022-09-27 19:11:05 [Main thread] INFO CohortGenerator FUN 18/26- Generating cohort: Tocilizumab Cohort Intensive Services Minus Criteria 1 (EHDEN Use Case)

2022-09-27 19:11:10 [Main thread] INFO DatabaseConnector executeSql Executing
 SQL took 4.84 secs

2022-09-27 19:11:10 [Main thread] INFO CohortGenerator FUN 19/26- Generating
 cohort: Baricitinib Cohort Oxygen Users Minus Criteria 1 (EHDEN Use Case)

2022-09-27 19:11:13 [Main thread] INFO DatabaseConnector executeSql Executing
 SQL took 2.23 secs

2022-09-27 19:11:13 [Main thread] INFO CohortGenerator FUN 20/26- Generating
 cohort: Tocilizumab Cohort Oxygen Users Minus Criteria 1 (EHDEN Use Case)

2022-09-27 19:11:30 [Main thread] INFO DatabaseConnector executeSql Executing
 SQL took 17.3 secs

2022-09-27 19:11:30 [Main thread] INFO CohortGenerator FUN 21/26- Generating
 cohort: Baricitinib Cohort Receiving Corticosteroids Minus Criteria 1 (EHDEN Use Case)

2022-09-27 19:12:01 [Main thread] INFO DatabaseConnector executeSql Executing
 SQL took 31 secs

2022-09-27 19:12:01 [Main thread] INFO CohortGenerator FUN 22/26- Generating
 cohort: Tocilizumab Cohort Receiving Corticosteroids Minus Criteria 1 (EHDEN Use Case)

2022-09-27 19:12:38 [Main thread] INFO DatabaseConnector executeSql Executing
 SQL took 36.5 secs

2022-09-27 19:12:38 [Main thread] INFO CohortGenerator FUN 23/26- Generating
 cohort: Remdesivir Cohort Minus Criteria 1 (EHDEN Use Case)

2022-09-27 19:12:41 [Main thread] INFO DatabaseConnector executeSql Executing
 SQL took 3.23 secs

2022-09-27 19:12:41 [Main thread] INFO CohortGenerator FUN 24/26- Generating
 cohort: Remdesivir Cohort Intensive Services Minus Criteria 1 (EHDEN Use Case)

2022-09-27 19:12:44 [Main thread] INFO DatabaseConnector executeSql Executing
 SQL took 2.84 secs

2022-09-27 19:12:44 [Main thread] INFO CohortGenerator FUN 25/26- Generating
 cohort: Remdesivir Cohort Oxygen Users Minus Criteria 1 (EHDEN Use Case)

2022-09-27 19:12:44 [Main thread] INFO DatabaseConnector executeSql Executing
 SQL took 0.687 secs

2022-09-27 19:12:44 [Main thread] INFO CohortGenerator FUN 26/26- Generating
 cohort: Remdesivir Cohort Receiving Corticosteroids Minus Criteria 1 (EHDEN Use Case)

2022-09-27 19:13:15 [Main thread] INFO DatabaseConnector executeSql Executing
 SQL took 30.7 secs

2022-09-27 19:13:15 [Main thread] INFO EHDENUseCase3.2 createCohorts Creating
 negative control outcome cohorts

2022-09-27 19:18:06 [Main thread] INFO DatabaseConnector executeSql Executing
 SQL took 4.85 mins

2022-09-27 19:18:06 [Main thread] INFO EHDENUseCase3.2 createCohorts Counting
 cohorts

2022-09-27 19:18:07 [Main thread] INFO CohortGenerator getCohortCounts
 Counting cohorts took 0.309 secs

2022-09-27 19:18:07 [Main thread] INFO EHDENUseCase3.2 execute Synthesizing

positive controls

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2022-09-27 19:18:07 [Main thread] WARN MethodEvaluation injectSignals
'MethodEvaluation::injectSignals' is deprecated. Use 'synthesizePositiveControls' instead. See
help("Deprecated")
2022-09-27 19:18:07 [Main thread] INFO DatabaseConnector connect Connecting
using PostgreSQL driver
2022-09-27 19:18:07 [Main thread] INFO MethodEvaluation synthesizePositiveControls
Creating risk windows
2022-09-27 19:18:08 [Main thread] INFO DatabaseConnector executeSql Executing
SQL took 0.349 secs
2022-09-27 19:18:08 [Main thread] INFO MethodEvaluation synthesizePositiveControls
Retrieving exposure cohorts
2022-09-27 19:18:08 [Main thread] INFO MethodEvaluation synthesizePositiveControls
Extracting outcome counts
2022-09-27 19:18:08 [Main thread] INFO MethodEvaluation synthesizePositiveControls
Computing counts per exposure - outcome pair
2022-09-27 19:18:09 [Main thread] INFO MethodEvaluation synthesizePositiveControls
Extracting covariates for fitting outcome model(s)
2022-09-27 19:18:09 [Main thread] INFO FeatureExtraction Constructing features
on server
2022-09-27 19:21:15 [Main thread] INFO DatabaseConnector executeSql Executing
SQL took 3.1 mins
2022-09-27 19:21:15 [Main thread] INFO FeatureExtraction Fetching data from
server
2022-09-27 19:21:17 [Main thread] INFO FeatureExtraction Fetching data took
1.75 secs
2022-09-27 19:21:19 [Main thread] INFO FeatureExtraction tidyCovariateData
Removing 112 redundant covariates
2022-09-27 19:21:19 [Main thread] INFO FeatureExtraction tidyCovariateData
Removing 0 infrequent covariates
2022-09-27 19:21:19 [Main thread] INFO FeatureExtraction tidyCovariateData
Normalizing covariates
2022-09-27 19:21:20 [Main thread] INFO FeatureExtraction tidyCovariateData Tidying
covariates took 1.77 secs
2022-09-27 19:21:20 [Main thread] INFO Andromeda saveAndromeda Disconnected
Andromeda. This data object can no longer be used
2022-09-27 19:21:20 [Main thread] INFO MethodEvaluation synthesizePositiveControls
Fitting outcome models
2022-09-27 19:21:20 [Main thread] FATAL MethodEvaluation synthesizePositiveControls
Not enough negative controls with sufficient outcome count to fit outcome model. Found 0
controls with enough outcomes (> 50), but require 5 controls.
```