

Lab VIII – Health Analytics I

Exercise 1

The screenshot displays the ATLAS web application interface. On the left is a dark blue sidebar with navigation links: Home, Data Sources, Search, Concept Sets (selected), Cohort Definitions, Characterizations, Cohort Pathways, Incidence Rates, Profiles, Estimation, Prediction, Jobs, Configuration, and Feedback. Below the sidebar, it states "Apache 2.0 open source software provided by OHDSI join the journey". The main content area is titled "Concept Set #584" and contains a search bar with "[hxia40] Type 2 DM". Below the search bar are tabs: "Concept Set Expression" (selected), "Included Concepts" (18), "Included Source Codes", "Explore Evidence", "Export", and "Compare". A "Show 25 entries" dropdown and a "Search:" input are present. A table shows one entry:

Concept Id	Concept Code	Concept Name	Domain	Standard Concept Caption	Exclude	Descendants	Mapped
201826	44054006	Type 2 diabetes mellitus	Condition	Standard	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Below the table is a legend: Classification (purple square), Non-Standard (red square), Standard (blue square).

<http://gt-health-analytics-2.us-east-2.elasticbeanstalk.com/#/conceptset/584/details>

Exercise 2

The screenshot displays the ATLAS web application interface for Cohort #460. The sidebar is identical to the previous screenshot. The main content area is titled "Cohort #460" and contains a search bar with "[hxia40] Type 2 DM Patients". Below the search bar are tabs: "Definition" (selected), "Concept Sets", "Generation", "Reporting", "Export", and "Messages". A text input field says "enter a cohort definition description here". The "Cohort Entry Events" section shows criteria: "Events having any of the following criteria:", "a condition era of [hxia40] Type 2 DM", "with continuous observation of at least 0 days before and 365 days after event index date", and "Limit initial events to: earliest event per person." There are buttons for "+ Add Initial Event", "+ Add attribute", "Delete Criteria", and "Restrict initial events". The "Inclusion Criteria" section has a "New inclusion criteria" button and "Limit qualifying events to: earliest event per person." The "Cohort Exit" section is partially visible at the bottom.

<http://gt-health-analytics-2.us-east-2.elasticbeanstalk.com/#/cohortdefinition/460>