Definition 1: STEMI Diagnosis Codes

Option 1: `01a-STEMI-Dx-codes.json`

- ATLAS Demo ID: 1781797

- Cohort Entry Events

  - Condition Occurrence of: STEMI Diagnosis Codes

- Inclusion Criteria:

  - age > 18 years old
  - First diagnosis of STEMI

Option 2: `01b-ECG-Trop-Dx-code.json`

- ATLAS Demo ID: 1781764

- Cohort Entry

  - Troponin measured
  - ECG obtained

- Inclusion Criteria

  - Age 18 yo
  - First time they got a STEMI ICD Code
    * Stipulated 1 day before or 1 day after index event date

Definition 2: UDMI Definition: `02-UDMI-definition.json`

The 4th Universal Definition of Myocardial Infarction (UDMI) defines acute ST-elevation myocardial infarction (STEMI) as requiring a rise and/or fall of cardiac troponin (cTn) values (with at least 1 value > 99th percentile) and clinical evidence of ischemia (ie, symptoms, ECG changes, supportive ECG or other imaging findings, or evidence of coronary thrombus).

- :warning: Limitations of the existing definition

  - Was unable to add the appropriate unit concept (ng/L or ng/mL) or gender concept for sex-specific cutoff values due to ATLAS demo issues, so this will need to be included.