Getting Negative Controls Processing in Atlas

# Process

1. Pre-Negative Controls Processing
   1. Find Concept Universe (if you don’t have access to claims data)
   2. broadConcepts.sql
   3. drugRelatedConditions.sql
   4. pregnancyConditions.sql
2. User defines:
   1. Concepts of Interest (thus selecting outcome of interest, if concept of interest are drugs then you are looking for conditions and vice versa)
   2. Concepts to Exclude
   3. Concepts to Highlight (if you have negative controls already selected and want to highlight them in the new list)
3. Generate Evidence
   1. If access to Patient Level Data (findConceptUniverse.sql) else use static data
      1. Let’s keep is simple and don’t pull data based on concepts of interest, just use pre-processed
   2. splicerConcepts.sql
   3. findDrugIndications.sql
   4. findFaersADRs.sql
   5. pullEvidence.sql
   6. summarizeEvidence.sql
   7. optimizeEvidence.sql
4. Store Results in WebAPI and drop all other artifacts

# Next Steps:

1. Make a negative control pre-processing step:
   1. Find Concept Universe (if you don’t have access to claims data)
   2. broadConcepts.sql
   3. drugRelatedConditions.sql
   4. pregnancyConditions.sql

# Questions

1. If I have code in GitHub is it possible to refer to that within ATLAS? I don’t want to maintain two code sets however know we’ll want an R process and an ATLAS process.
   1. For right now for simplicity we will duplicate code. Look to the future to eliminate this.
2. Would it be possible to strive for a goal of having something working in ATLAS beta by the hack-a-thon?