# **Analysis Finishing and Export**

**Education and Training Domain Team Short Course, Spring 2024** 

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#### Success! Now what?



### So you're starting to get results. Yay! Things to think about:

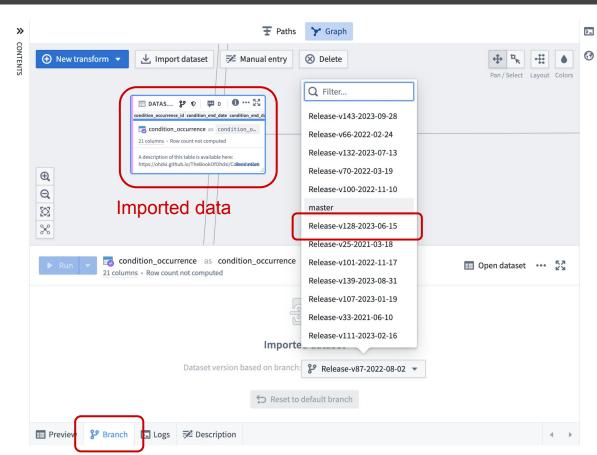
- "Pinning" to a data release for stability
- Preparing results (figures, tables, text) for export
- Submitting a download request required!
- Exporting code to Git/GitHub (optional)
- Exporting concept sets as Excel
- Submitting draft manuscripts to the Publication Committee for review (Jerrod)



# Pinning a release



- N3C Data are packaged into "releases"
- Each release represents the data as of that date (master → most recent)
- Releases are meant to go together - don't mix data across releases!
- In Code Workbook, select a data release via the Branch tab on imported dataset
- Don't forget to re-run downstream analyses after changing the release





# **Preparing Export**



- You must get approval to export any figures, tables, summary statistics, ...!
- Before requesting approval:
  - Generate figures (using e.g. ggplot2 in R, matplotlib in python)
  - Generate summary tables ("save as dataset")
  - Generate statistics (e.g. p-values, summary output from R/python)
  - Include these in a Notepad report for export review



# **Preparing Export**



- You must get approval to export any figures, tables, summary statistics, ...!
- There are rules.
  - Most important: no patient counts < 20. Say "< 20". Reporting 0 is OK.</li>
  - Anonymize data\_parter\_id entries if you need to report them.
  - This goes for plots as well (no bar charts indicating patient counts < 20)</li>
  - Be careful the reader can't math the counts back out!
  - See Chapter 10 in G2N3C for details: <a href="https://covid.cd2h.org/guide-to-n3c">https://covid.cd2h.org/guide-to-n3c</a>

# Demo







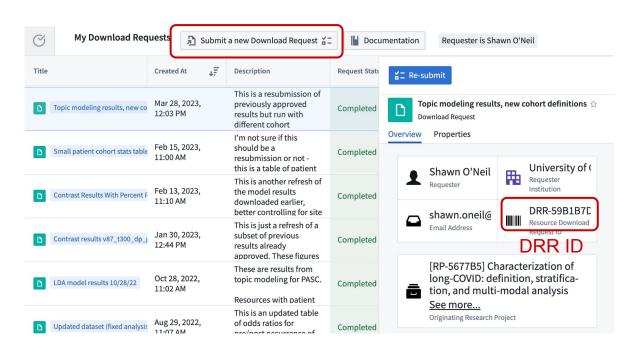
# **Download Requests**



 Download requests are managed via Enclave Homepage → My Projects → Download Request Dashboard

 You can submit Notepad reports and datasets for download

 Once approved, datasets can be downloaded as CSV, Notepads as PDF, and figures as PNG (by copy and paste - it's OK after approved!)



List of Previous Requests

Details for Selected Request

### Demo





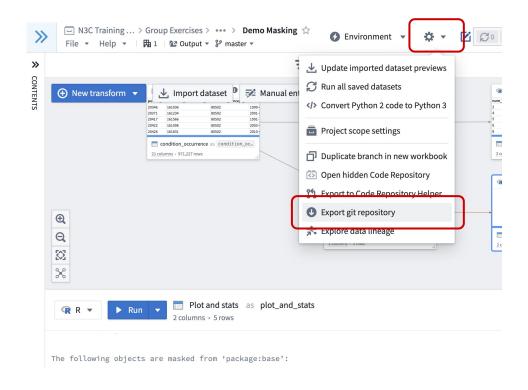


# **Code Export with Git**



- You do not need approval to export code.
- But, be careful you don't have any sensitive info in the code!
  (e.g. hard-coded data\_partner\_ids)
- The resulting Git repo is not well organized, and the code won't run outside the enclave.

I made a parsing tool, it's OK:
 github.com/oneilsh/n3c workbook parser





# **Exporting Concept Sets to Excel**



 You do **not** need approval to export concept sets.

