B2020 Tutorial – Esri Canada

1. **How to show certain geography levels? (i.e., provinces & territories, census division)**

Go to the View tab and select Dimension. Look for the desired geography using the geography description field (i.e., GEO\_LEVEL\_DES\_EN). Then click on the Dimension tab, select that field ‘GEO\_LEVEL\_DES\_EN’, under ‘Text to Find’, write the desired geography (i.e., census division)’,

1. **How to create a hierarchy of variables (dimensions)?**

To include a variable, select it from the top and drag it into the blue bar at the top left. To remove a variable, select it from the blue area and drag it to the top. You can also reorder the variables in the blue bar on the top left.

A screenshot of a computer

Description automatically generated with medium confidence

1. **How to exclude certain classes of variables?**

To exclude a class of a variable (for instance, exclude both classes of owners such as with mortgage and without mortgage), right click on the class and select hide.

A screenshot of a computer

Description automatically generated with medium confidence

1. **How to export results?**

Click file -> save as -> select csv

***Bonus notes from Molly***

* + Drag geography into the left panel. Click it, then under the Dimension tab, there's a Change Label button. Click through to get a primary key that is suitable, unless you're working with provincial data because the name is fine
    - Image 1 is an example of how the table will look before changing labels
  + Multiple tabs for different indicators will be above, drag them down to the right column to view the table with corresponding geography (See below)
    - A screenshot of a computer

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  + Export as csv so it can be edited because my computer will not allow editing on the xlxs files from b2020
    - Might not be a necessary step - might be able to simply export as a xlsx directly. Maybe windows 11 made it weird
  + Edit csv's to have appropriate headings for feature classes
  + Delete all CD and CSD objects in the xlsx with null values before joining (e.g. all x values, so the datatype won’t be text)
  + Save csv’s as xlxs
  + Make sure that all excel maintains null value and the table has appropriate data types
  + Write script to convert all excel to tables to join with census boundary shapefiles
    - A screen shot of a computer program

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