Creating Histogram Overlays with IDEAS

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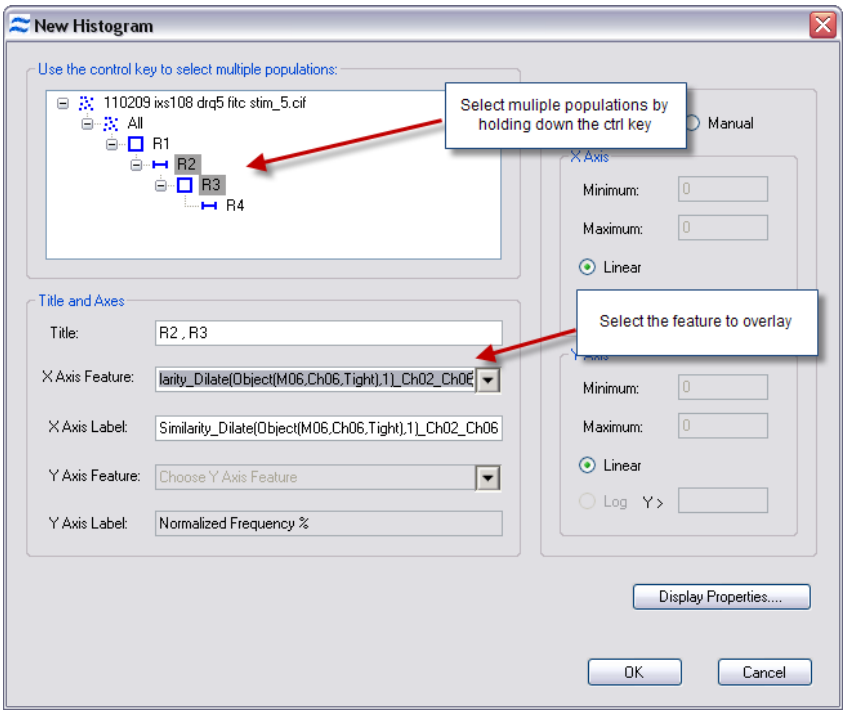
Overlays of populations within a single file

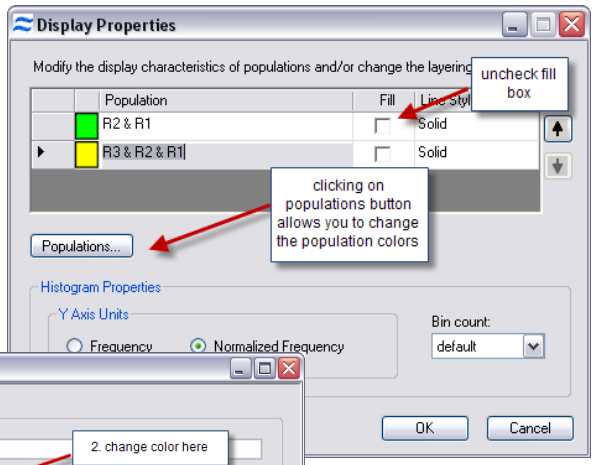
1) Open a new histogram with the histogram tool.

2) Select the populations you want to overlay while holding down the **ctrl** key.

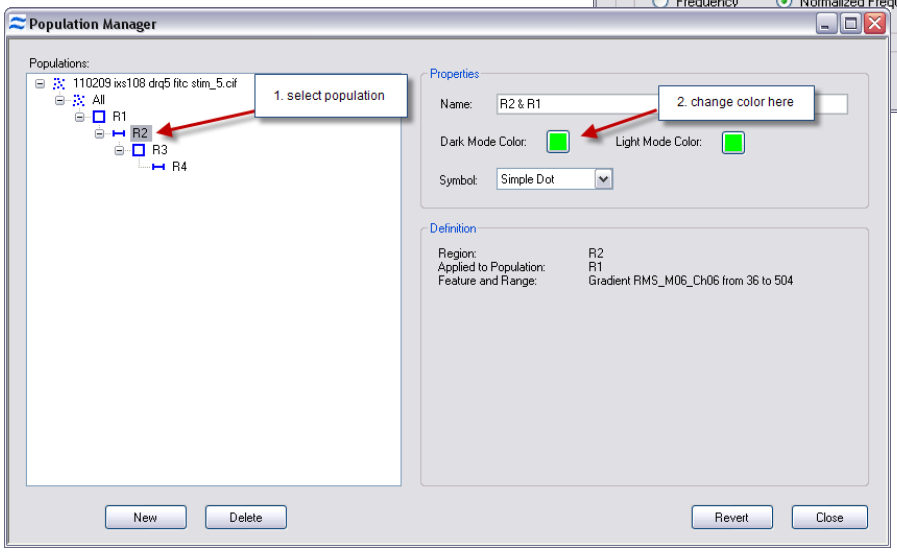
3) Click on the **Display properties** button in the lower right hand corner. This opens a window with a list of the populations and options to change whether the histograms are filled or open. Open histograms are recommended since they are easier to see when overlaid.



4) If necessary click on the **Populations** button to open the population manager window and individually change the color of each population. To save changes click the “close” button.

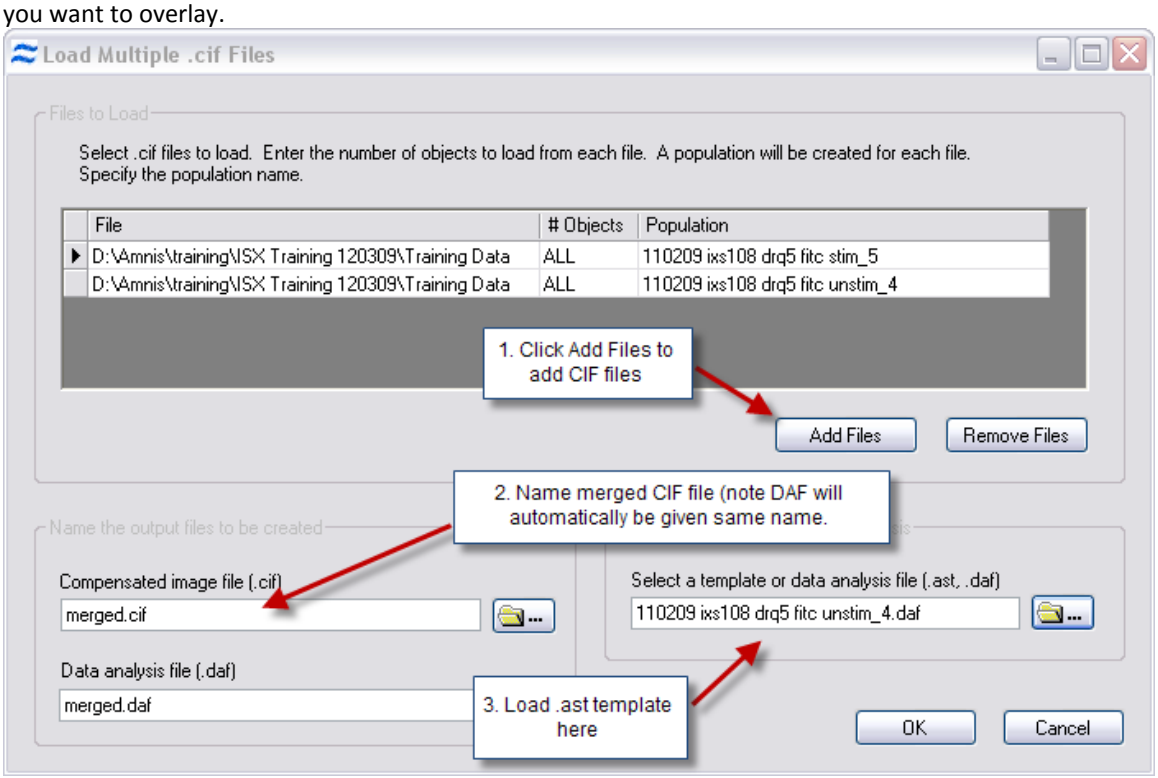


5) Click **OK** to create the histogram. The overlay will be automatically generated.

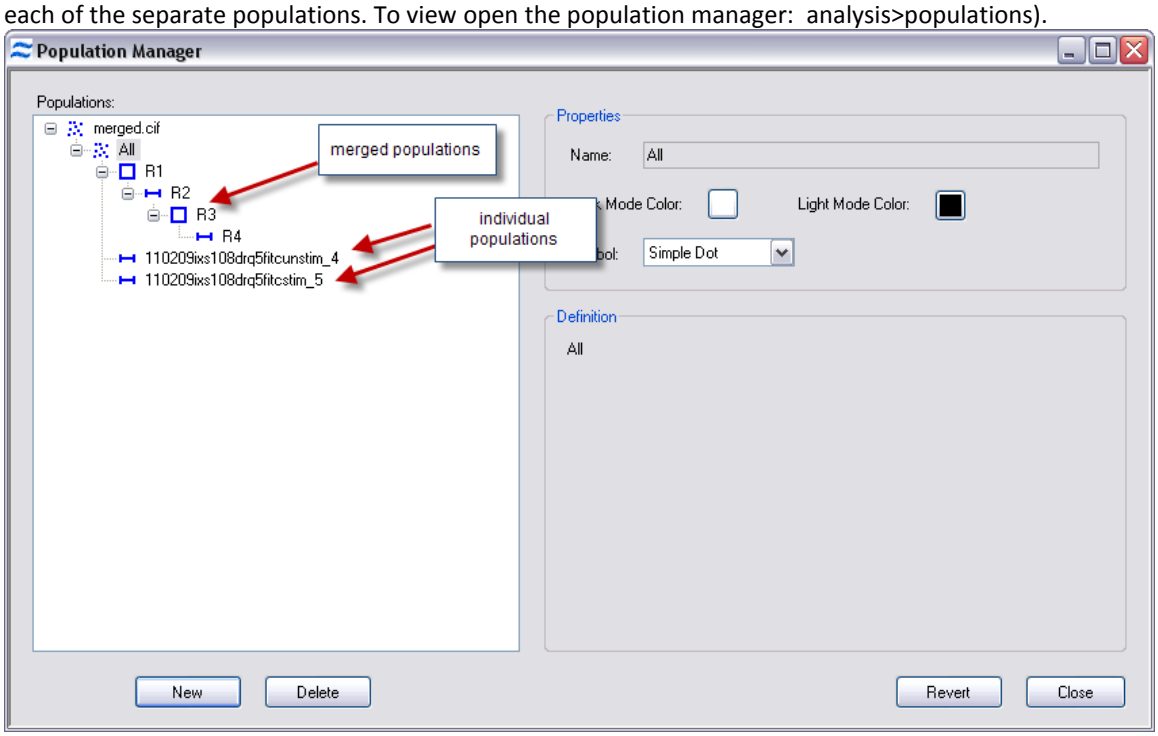


Overlays of populations from different IDEAS files

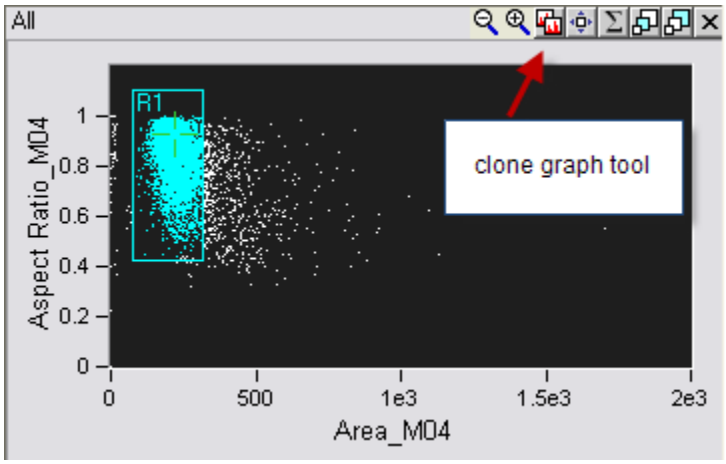
1) Select **Merge CIF files** from the Tools menu. Click **Add Files** and select the files with the populations you want to overlay.



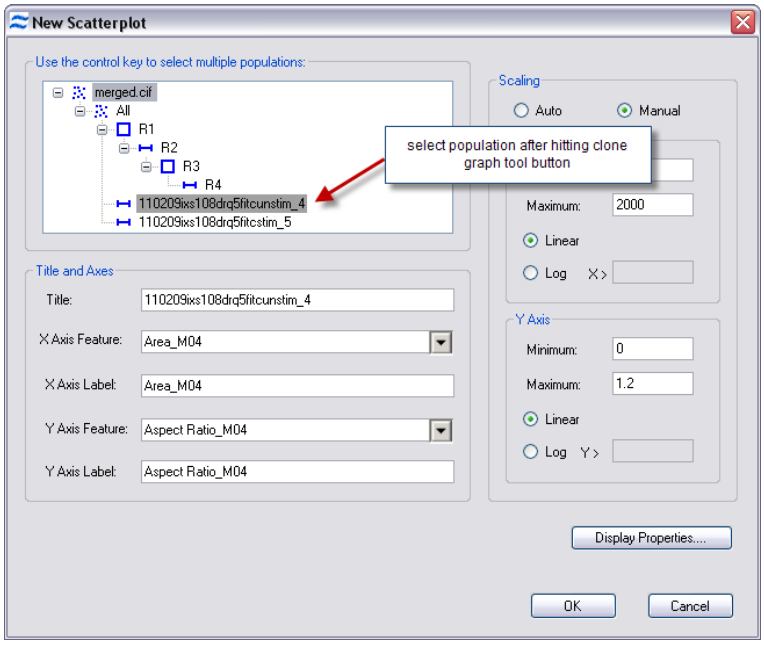
2) Name the merged CIF file (the DAF will automatically be given the same name).
3) Select either an analysis template or DAF containing the analysis template you want to use.
4) A merged CIF and DAF will be created. The DAF will contain populations for both the merged data and each of the separate populations. To view open the population manager: analysis>populations).



5) Since by default the data from the template will represent the merged populations you need to replicate each graph using the clone graph tool.

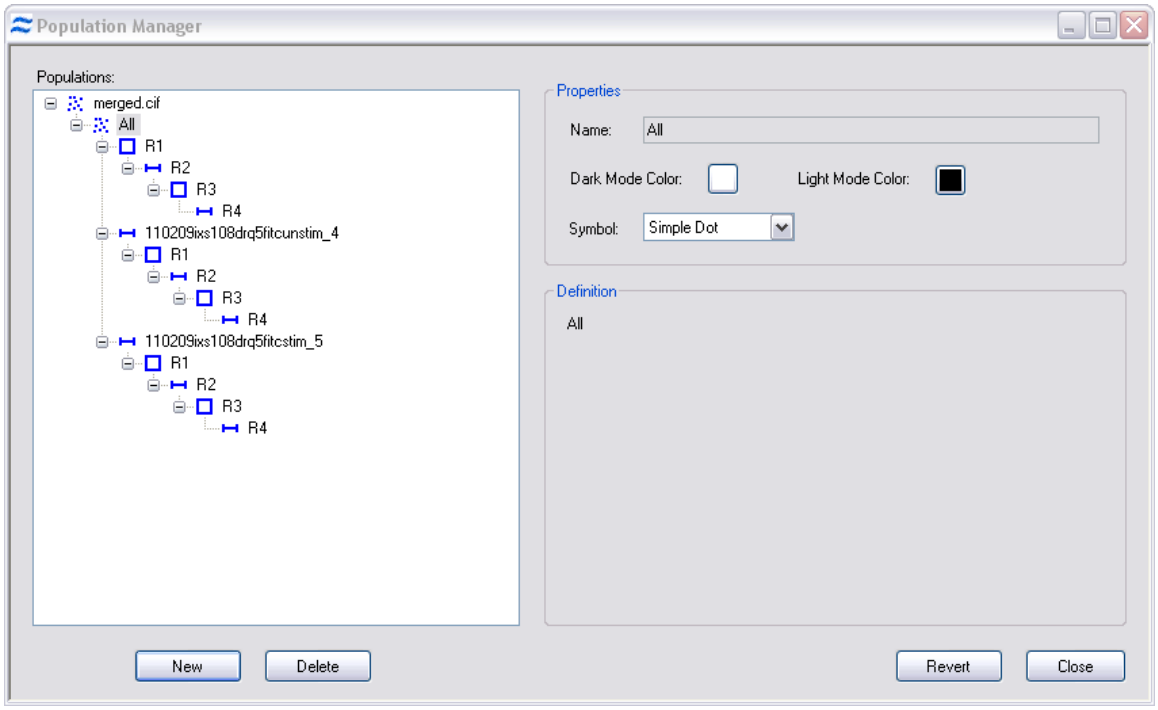


6) Clone the first graph in your template (using the clone graph tool) and select the first file (population) as your starting population. Select **OK**.



7) Clone all subsequent dependent graphs using each successive population in the hierarchy until you get to the graph you want to overlay.

8) Repeat steps 6&7 for the second overlay population. The goal is to replicate the population tree for each of the overlay populations as shown in the example below.



9) *Use steps 1-5 in the single file overlay method to complete the overlay.*