Background
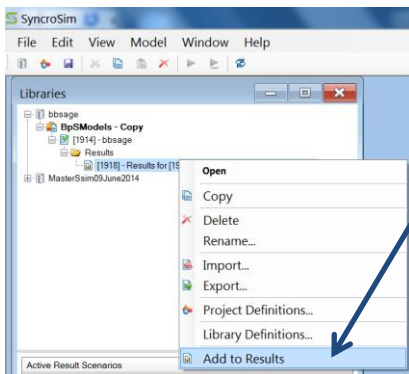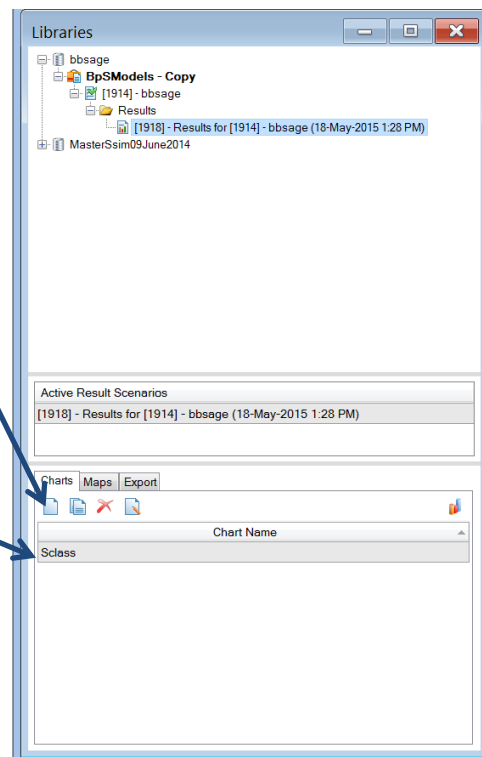
LANDFIRE BpS model documentation includes the succession class proportions and mean fire return intervals for every BpS. This information is obtained by running the model and graphing the results as shown here. This tutorial assumes that a model has been run with the standard LANDFIRE run settings as described in the tutorial **How to Run a LANDFIRE Model in ST-Sim**.

Create a new chart

1. After a simulation is complete the results will be added to the Active Results Scenario. If the results you want to graph are not in the Active Results Window, add them by right clicking on the results and selecting **Add to Results**.
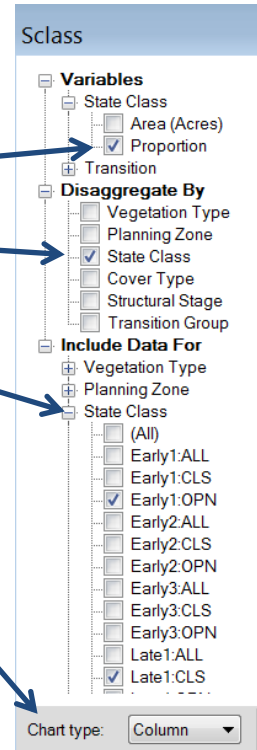

2. On the Charts tab, click the **Create a New Chart** icon

3. Name the chart and click **OK**, the chart you created is added to the Chart Name list on the Charts tab
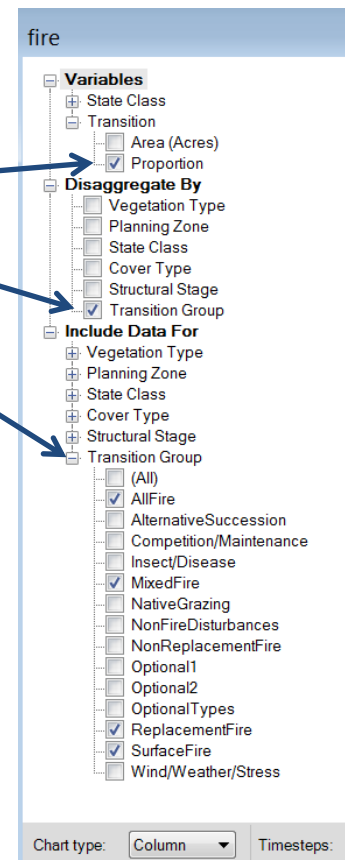
Graph succession class proportions

1. Create a new chart as described above and double click it to open the chart interface
2. Under Variables, select **State Class Proportion**
3. Under Disaggregate By, select **State Class**
4. Under Include Data For, select **State Class,** unselect **All** and select the classes that apply
5. From the Chart Type dropdown, select **Column**
6. Click the **Apply** button
7. Hover the cursor over a column to view the mean proportion

Graph the mean fire return intervals

1. Create a new chart as described above and double click it to open the chart interface
2. Under Variables, select **Transition Proportion**
3. Under Disaggregate By, select **Transition Group**
4. Under Include Data For, select **Transition Group**, unselect **All** and select the transitions you want graphed
5. From the Chart Type dropdown, select **Column**
6. Click the **Apply** button
7. Hover the cursor over a column to view the mean probability

Note: One divided by the fire probability equals the fire return interval.