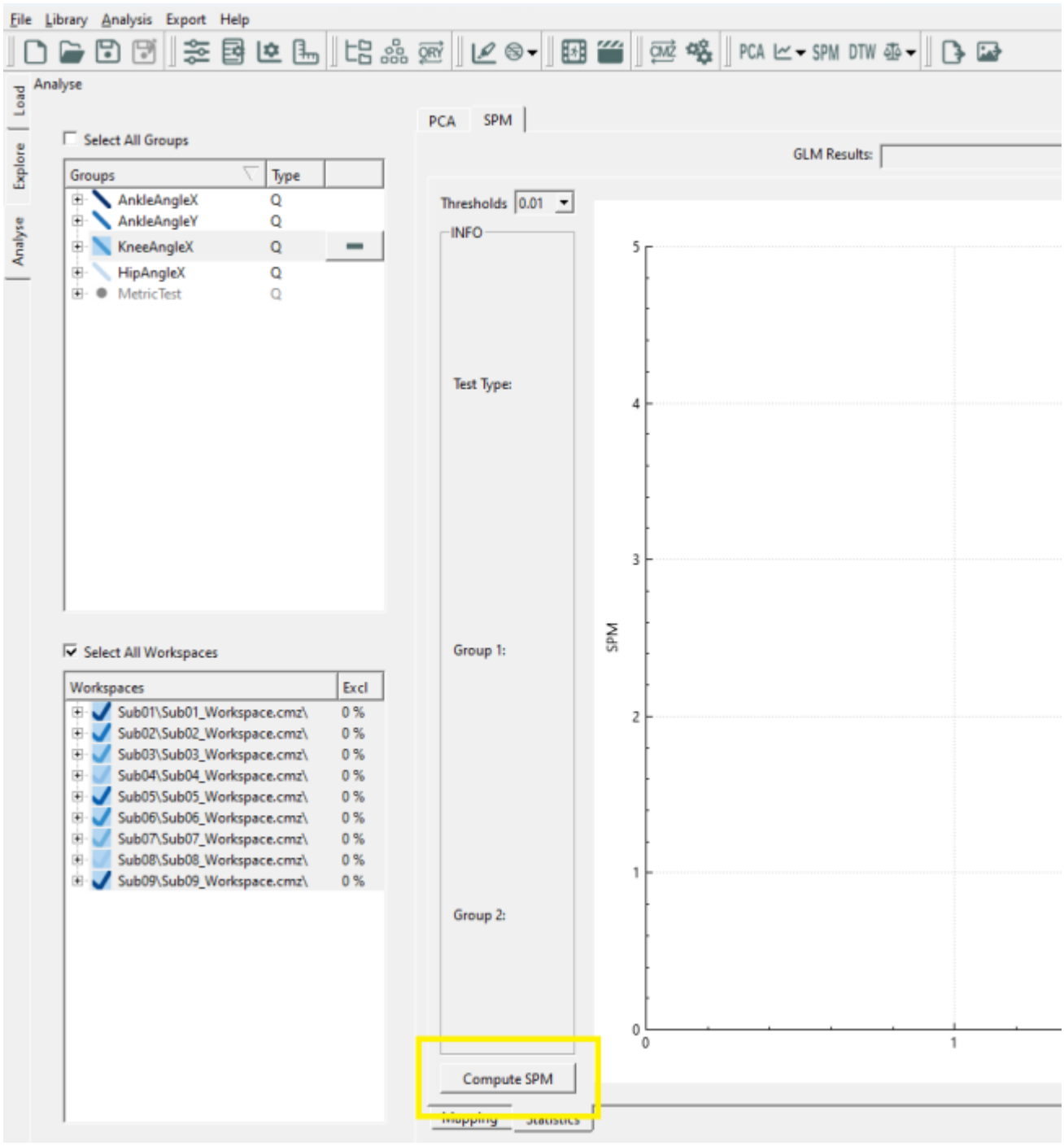
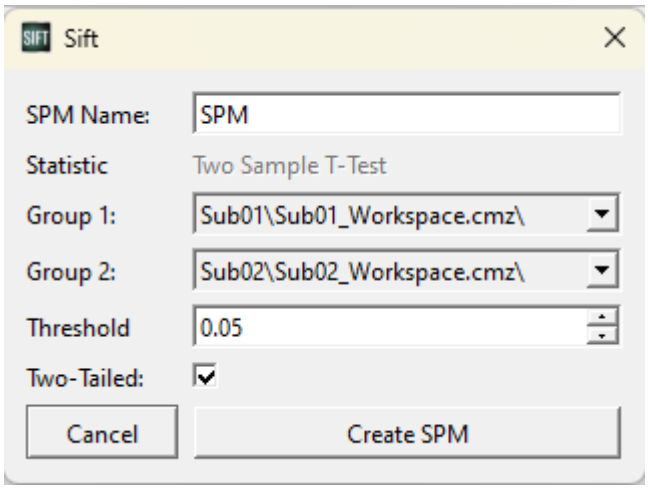
Create SPM Dialog

The create SPM Dialog is where you complete the process of a SPM Analysis in Sift. The dialog can be found on the SPM→Mapping Page, and is available after you have created and selected a GLM.



Create SPM Overview



Before open the dialog, ensure you have created and selected a GLM which you would like to create an SPM on. There are currently 4 statistical tests to create an SPM with:

- **One-Sample T-Test**: The standard students one-sample t-test. Tests that the value is non-zero.
- **Two-Sample T-Test**: The standard students two-sample t-test. Tests that the two samples are equivalent.
- **Paired T-Test**: The standard students paired t-test. Tests that all pairs of data are equivalent. Equivalent to a one-sample t-test of the paired differences.
- **ANOVA**: The standard ANOVA test. Tests that multiple groups are equivalent.

Dialog Sections

The dialog has 6 sections:

- **SPM Name**: Enter the name for your SPM . Allows you to cycle through and select different SPM's. Must be a distinct name within the GLM.
- **Statistic**: Select the statistic to create a SPM for.
- **Group 1**: Select the grouping for the first comparison for the t-test. Auto-populated with the groupings for the GLM, whether it is by group or workspace.
- **Group 2**: Select the grouping for the second comparison for the t-test. Auto-populated with the groupings for the GLM, whether it is by group or workspace.
- **Cancel**: Cancels the process of creating a SPM.
- **Create SPM**: Creates a SPM. Makes this the “active” SPM, and populates the Visualization.

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Last update: **2024/12/17 18:49**