

Process Description:

“Detection” takes in the image sequence(s) of interest, identifies the objects in each image, and returns information such as object positions and intensities.

Input Channels:

Select which movies/channels you want to analyze.

Detection Method:

From the dropdown menu, choose which detection method you would like to use.

Options:

“**Sub-resolution Object Detection**”: Use this algorithm to detect sub-resolution objects, e.g. single molecules or small molecular aggregates that are smaller than the diffraction limit (i.e. ~200 nm).

Currently this is the only option, but hopefully we add more options in future releases.

Choose “**Overwrite existing result MAT file**” to overwrite previous results, if applicable. Otherwise, the software will create a new results file.

Choose “**Apply setting to all movieData**” if you are analyzing multiple movies and you want to analyze them all using the same parameter settings.