

Process Description:

“Track analysis” takes in trajectories computed during the Tracking and runs some post-processing functions.

Track analysis method:

From the drop-down menu, choose which detection method you would like to use. In each setting interface, click on the help button for more information.

Current options:

“**Motion Analysis**”: Use this method to analyze the geometry and diffusive nature of tracks as described in **Jaqaman et al. Cytoskeletal control of CD36 diffusion promotes its receptor and signaling function Cell 146: 593 – 606. (2011).**

“**Microtubule dynamics classification**”: Use this method to classify microtubule plus-end tracks into growth/pause/shrinkage events and compute dynamic instability parameters as described in **Applegate et al. Quantitative image analysis software for the measurement of microtubule dynamics. J Struct Biol, 176, 168-184 (2011).**