Track Plot Length

This XTension calculates the difference in the object position within the selected track between two consecutive time points. If the distance between particle (e.g. a vesicle or a cell) positions in two connective time points is smaller than the entered threshold value, then it is considered as a pause.

As a result, this XTension creates four plots that display the length of the track steps. The first plot shows the spatial step size of the object within the selected track. The other three plots illustrate the XY, XZ and YZ planes.