 The CoP functions include: sway area (ellipse), path length, range, maximum excursion (2D version of range), standard deviation,  mean velocity, peak velocity, net acceleration. There are several numerical differentiation functions included since they are dependencies. The TtC code has options to include velocity, acceleration, and jerk (just for fun) terms. There are also functions to compute mean TtC to the different boundaries, the percentage of extrapolated trajectories to each boundary, minimum TtC based on a specified number of points (e.g., 10), and a plotting function that gives several examples of how to represent the data graphically. There are more plots than anyone will want/need but the relevant ones can be copied as needed.