

# Metric\_Compute\_Confidence\_Ellipse

Compute the 95 % confidence ellipse in 2 or more dimensions.

The smallest ellipse that will cover 95 % of the data points.

Compute the area or volume of an ellipse based on PCA. Does not require all vertices to be present for all frames.

**Metric\_Compute\_Trajectory\_Ellipse** /SIGNAL\_TYPES= ! /SIGNAL\_FOLDER=ORIGINAL !  
/SIGNAL\_NAMES= ! /COMPONENT\_SEQUENCE= ! /RESULT\_FOLDER=PROCESSED /RESULT\_NAME= !  
/EVENT\_SEQUENCE= ! /EXCLUDE\_EVENTS= ! /START\_FRAME= ! /END\_FRAME= ;  
[For more information see](#)

Resulting Signal

Frame 1 contains volume and average value Starting at frame 2 one frame for each dimension containing the eigenvalue and eigenvector (e.g. scale and unit vector)

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