

Explanation of Data Columns

Stimuli: These were the participants/trials from Smart, Stoffregen, & Bardy, 2002 and Stoffregen & Smart, 1998. Their motion data were used to create the plots used in the sort task.

Dim 1: This is the x coordinate for the spatial map generated by observers' sort/merge output

Dim 2: This is the y coordinate for the spatial map generated by observers' sort/merge output

SampEn_value: This is Sample Entropy (index temporal stability) derived from the original motion data.

EA: This is the 95% elliptical area (index of magnitude of motion) derived from the original motion data.

Path_length: This the two-dimensional path length (index of magnitude of motion) derived from the original motion data

Path_length_n: This is the normalized path length measure (index of structural complexity) derived from the original motion data

He: This is the Hurst Exponent (index of spatial-temporal (fractal) complexity) derived from the original motion data.

Quadrant: This is the area of the spatial map were the MDS analysis placed the stimuli for each condition.

Health: This is the health status of the participant Sick = motion sick

Explanation of Motion Plots

All plots are Anterior-Posterior (AP) Head position (x-axis) by AP Head Velocity (y-axis)

Detailed information can be found in Teaford, Cook, Hassebrock, Thomas, & Smart (in review)