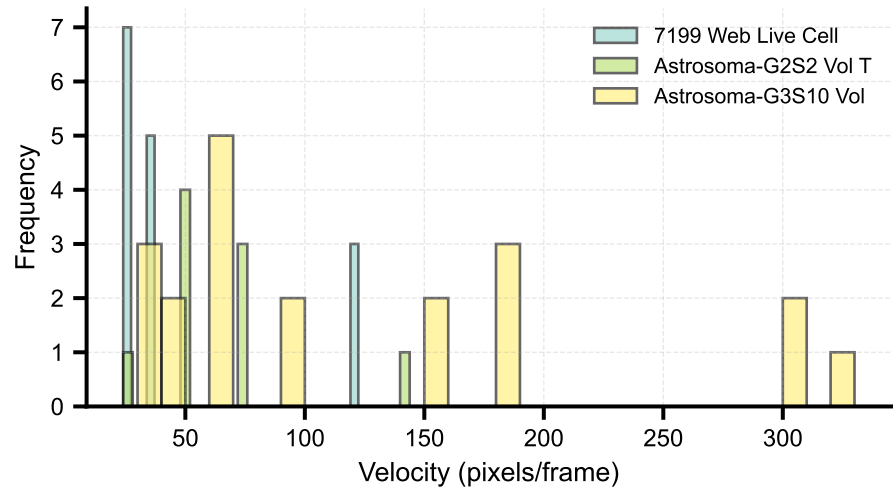
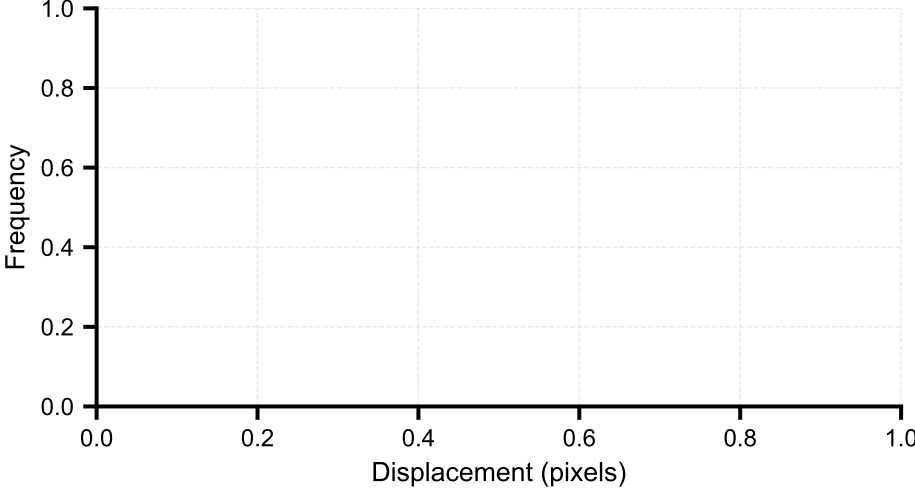


Video Tracking Analysis: Detailed Behavioral Patterns

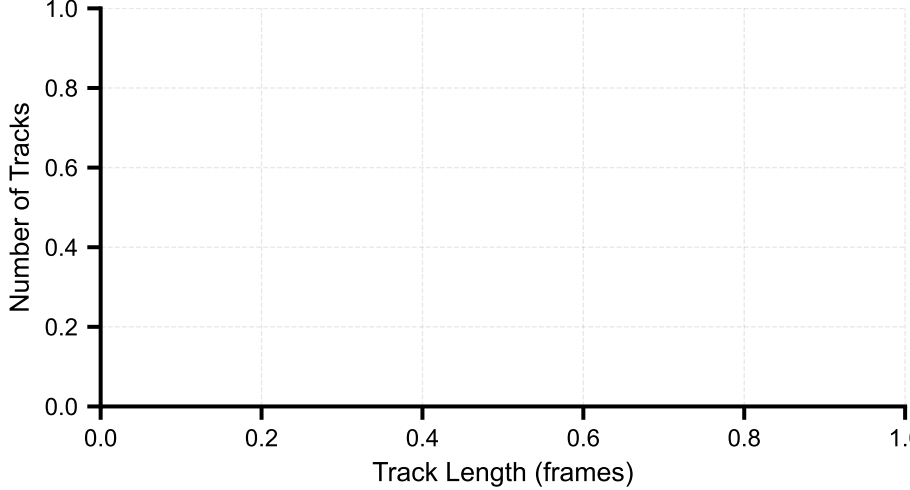
A. Velocity Distribution



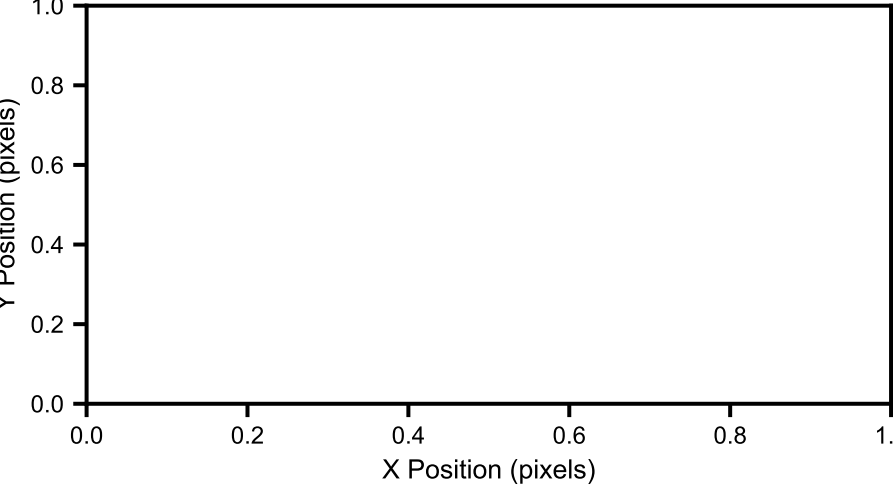
B. Displacement Distribution



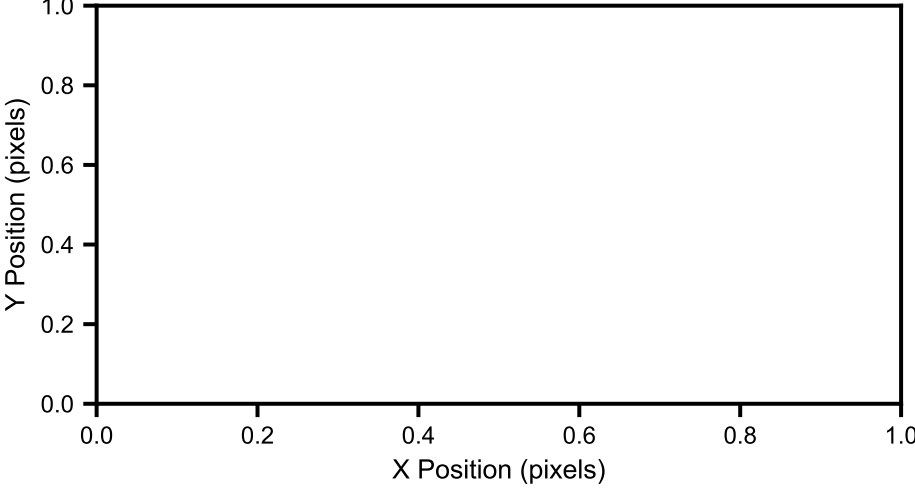
C. Track Length Distribution



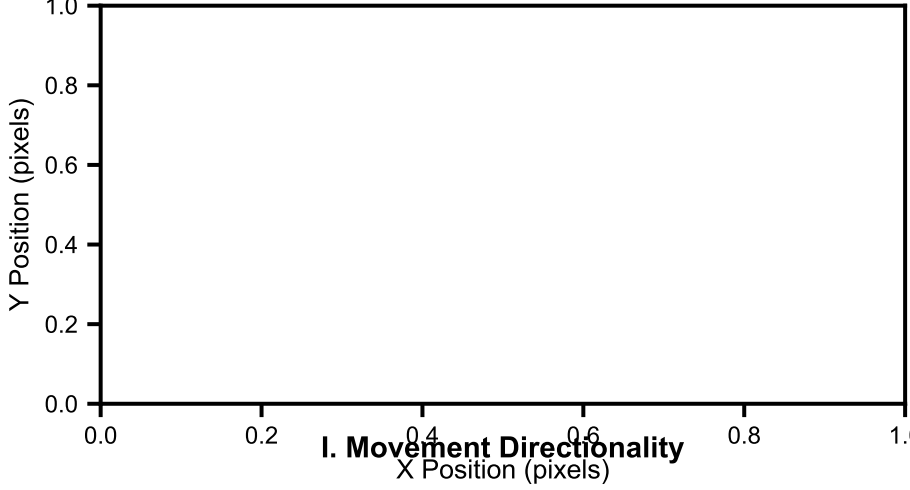
D. Activity Heatmap: 7199 Web Live Cell



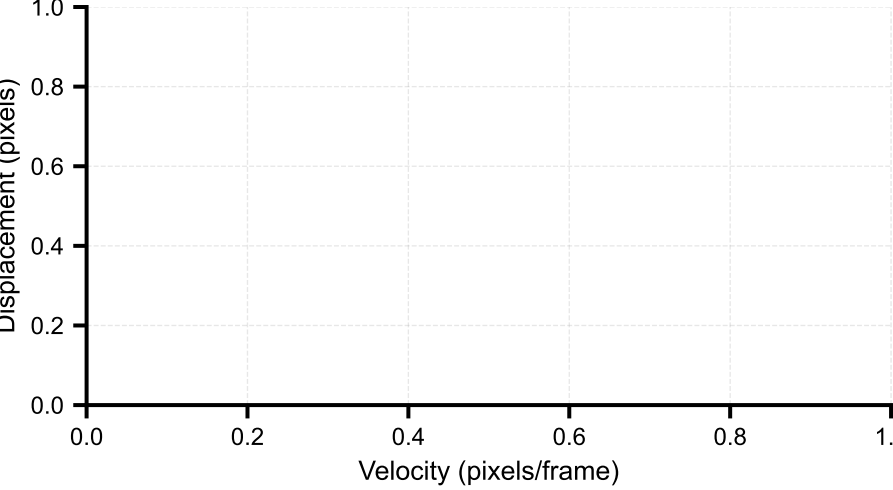
E. Activity Heatmap: Astrosoma-G2S2 Vol T



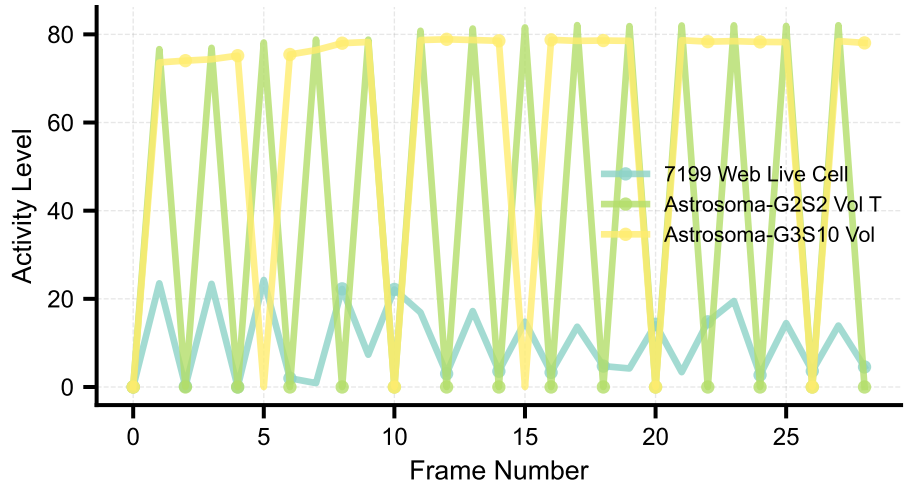
F. Activity Heatmap: Astrosoma-G3S10 Vol



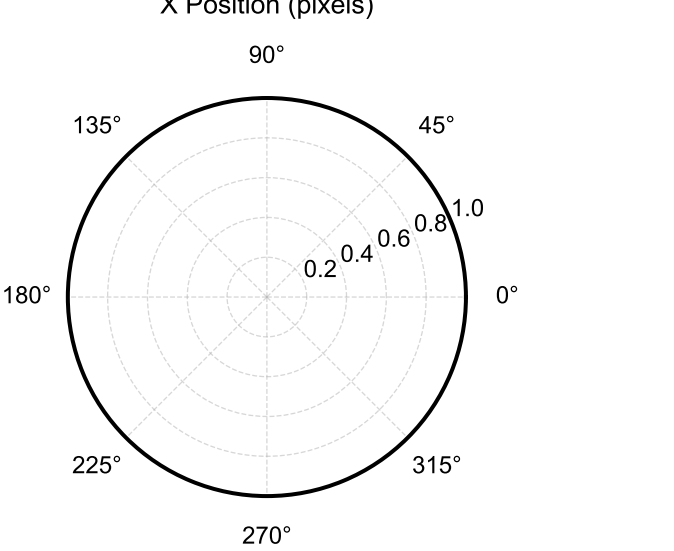
G. Velocity vs Displacement



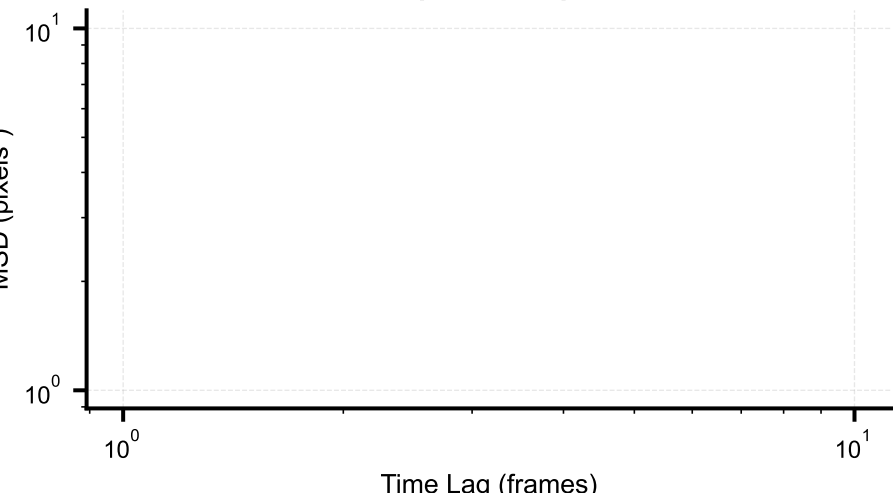
H. Temporal Activity Profile



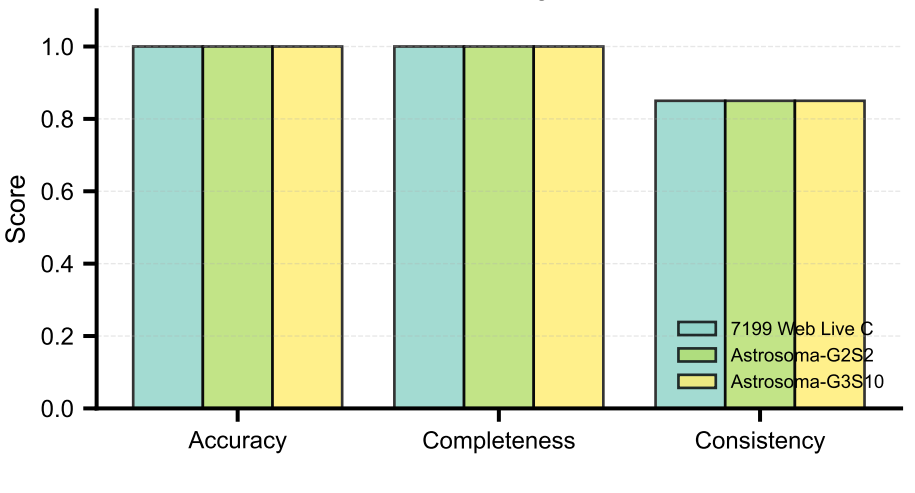
I. Movement Directionality



J. Mean Squared Displacement



K. Track Quality Metrics



L. Statistical Summary

Video	Vel $\mu$	Vel $\sigma$	Disp $\mu$	Tracks
7199 Web Live C	26.25	69.09	0.00	3
Astrosoma-G2S2	23.22	62.70	0.00	2
Astrosoma-G3S10	107.41	113.80	0.00	1