

1. Upload Video

Upload a bat swing video

Drag and drop file here

Limit 200MB per file • MP...

Browse files

 cricket_sw... X
122.5MB

2. Set Parameters

How to find 'Scale'
(meters/pixel):

1. Measure an object of known length in your video (e.g., a bat about 1.0m).
2. Find its length in pixels (use any image editor).
3. Scale = Known Length (m) / Pixel Length Example:
 $1.0m / 250px = 0.004$

Pixel-to-Meter Scale
(meters/pixel)



0.0030



YOLO Model Path



runs/detect/train3/weight

Override Video FPS (0 = auto)



0



 Run Analysis



Bat Swing Analysis Demo

Analysis complete in 583.08 seconds! 🎉



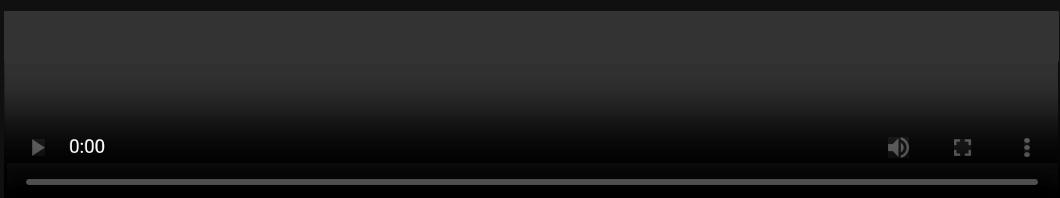
Swing Metrics

	video	swing_id	start_frame	end_frame	duration_s	peak_speed_mps	peak_angular
4	cricket.swing.mp4	4	448	456	0.13	11.25	
5	cricket.swing.mp4	5	459	475	0.27	3.95	
6	cricket.swing.mp4	6	772	782	0.17	10.49	
7	cricket.swing.mp4	7	978	1009	0.52	8.78	
8	cricket.swing.mp4	8	1034	1039	0.08	9.76	
9	cricket.swing.mp4	9	1041	1047	0.10	10.19	
10	cricket.swing.mp4	10	1050	1057	0.12	8.53	
11	cricket.swing.mp4	11	1170	1177	0.12	8.73	
12	cricket.swing.mp4	12	1301	1306	0.08	3.05	
13	cricket.swing.mp4	13	1393	1415	0.37	73.10	



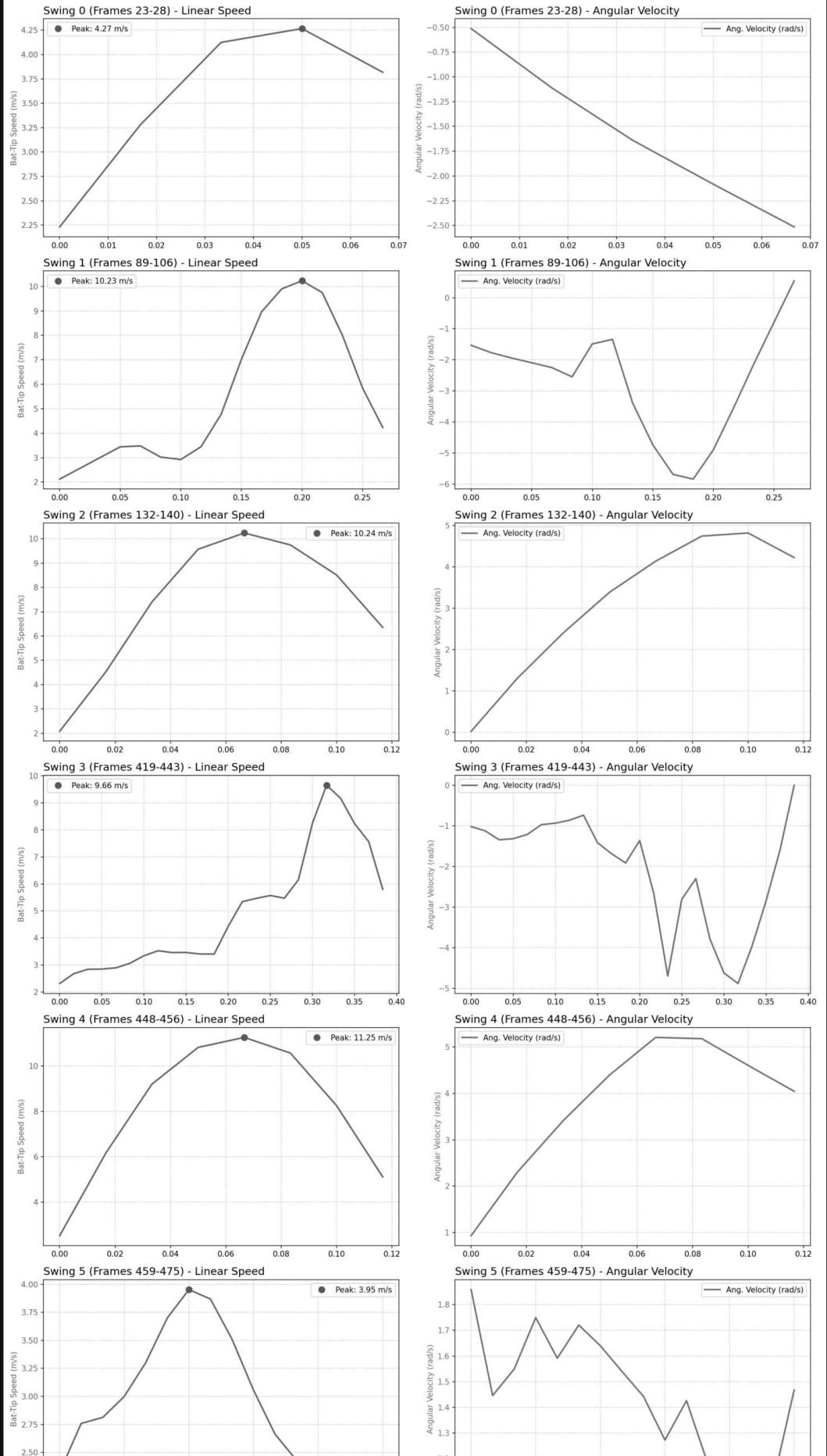
Visualizations

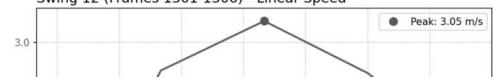
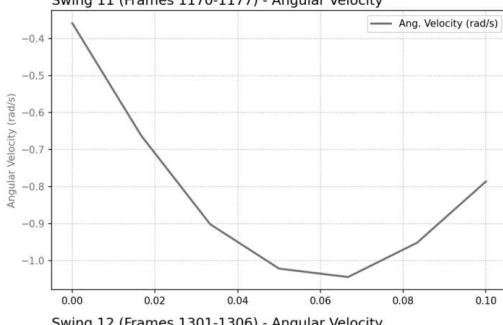
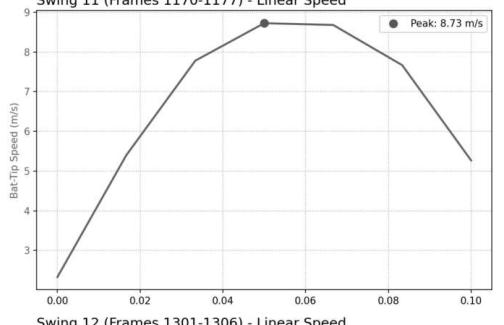
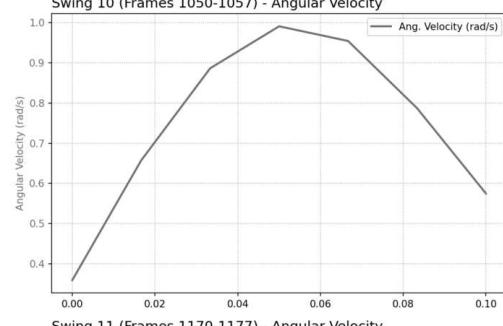
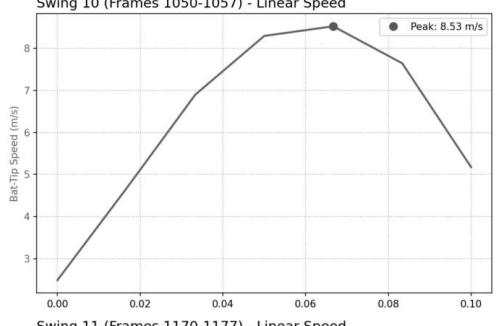
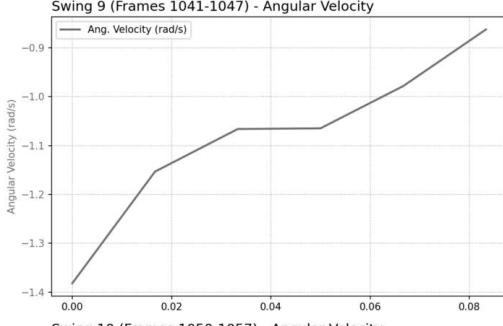
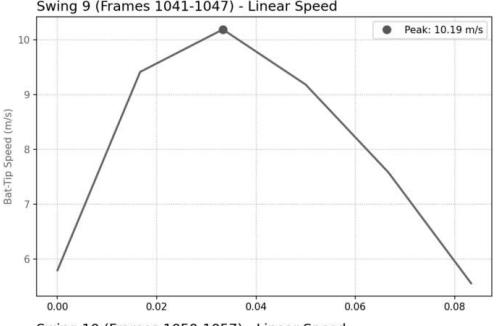
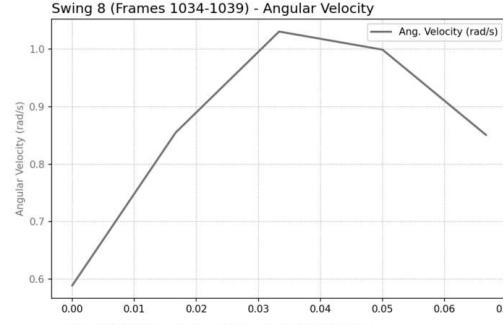
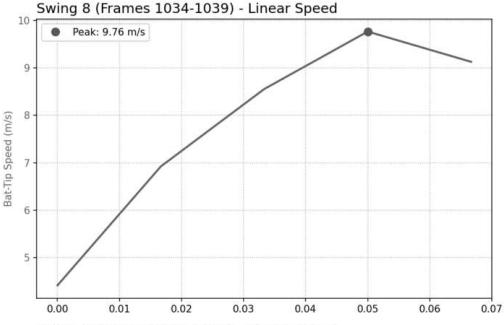
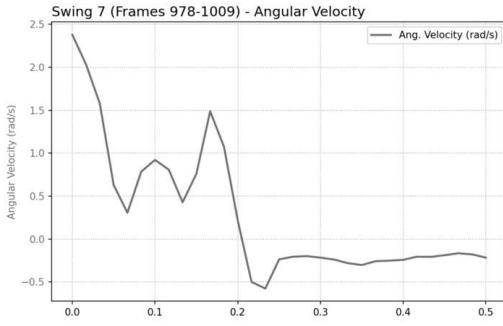
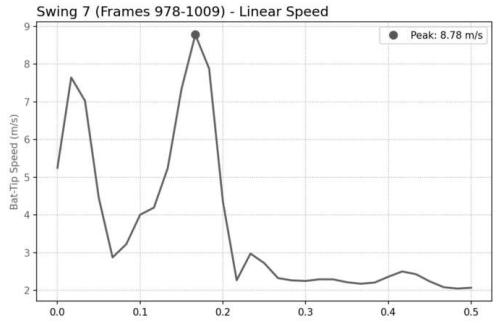
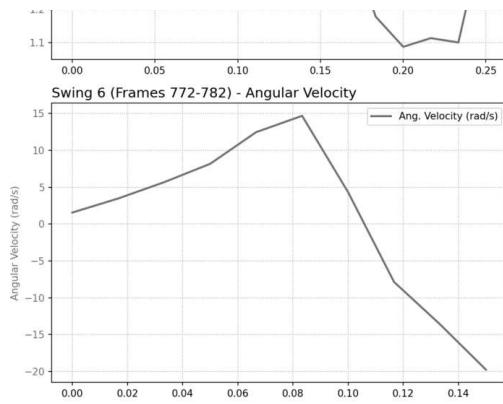
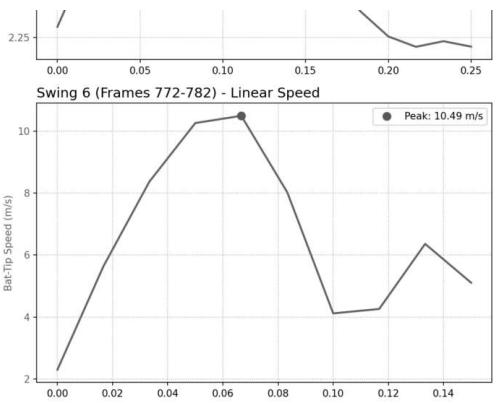
Full Analysis Video

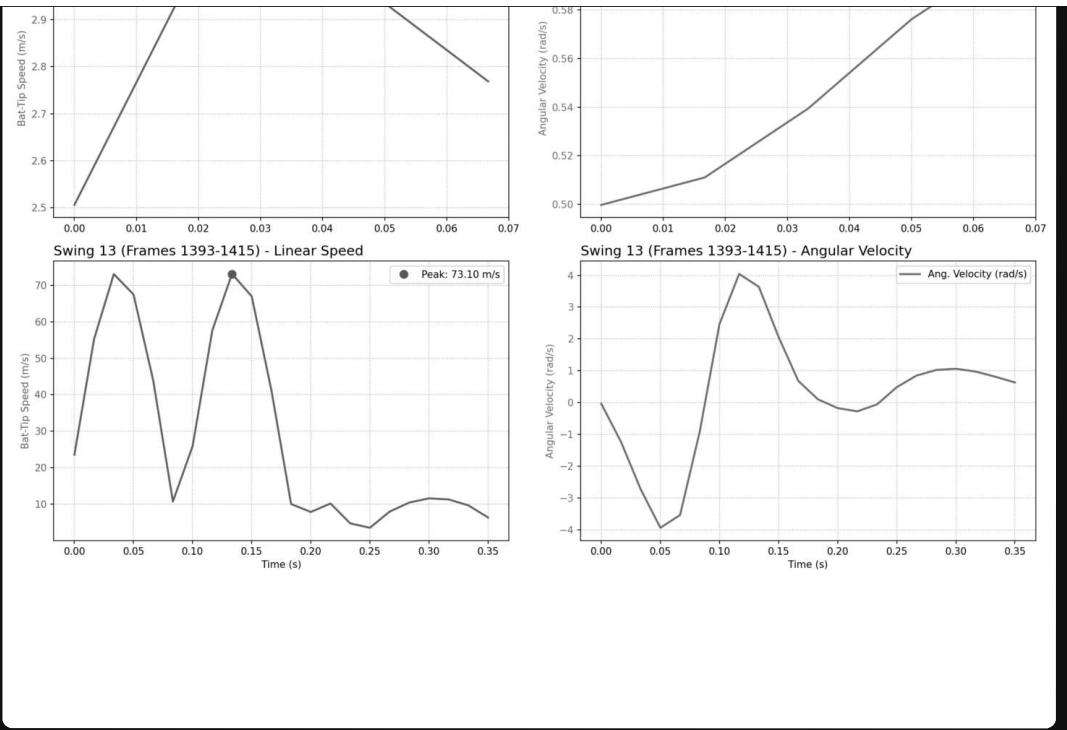


Combined Swing Plots

Full Swing Analysis Report



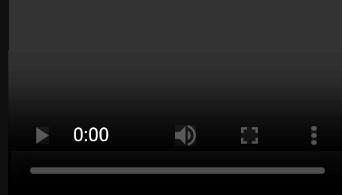




Individual Swing Details

Swing 0

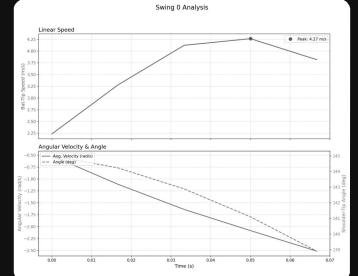
Video



GIF

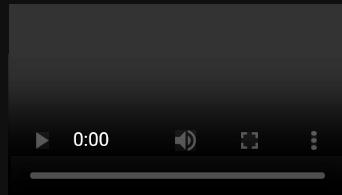


Plots



Swing 1

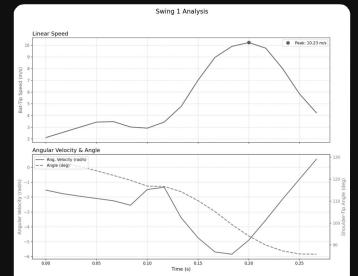
Video



GIF



Plots

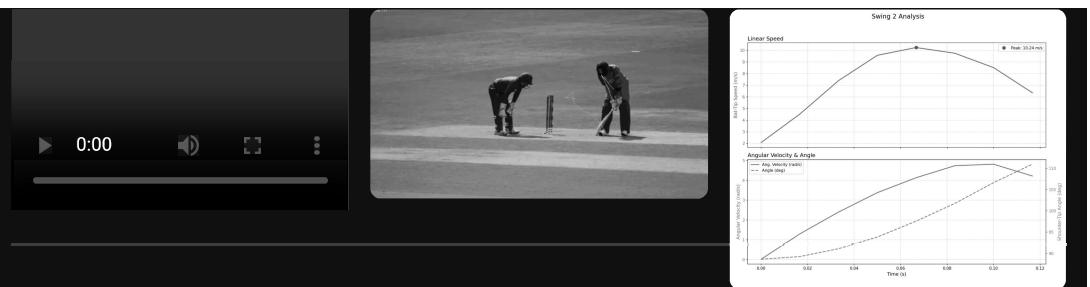


Swing 2

Video

GIF

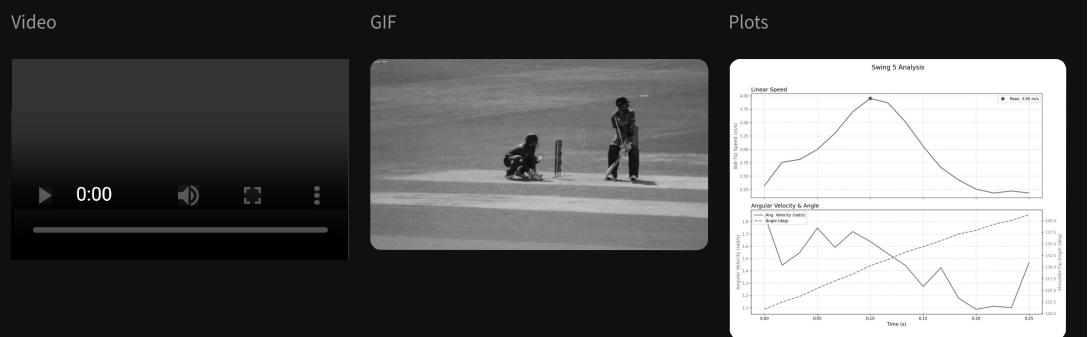
Plots



Swing 4



Swing 5

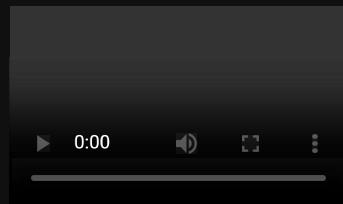


Swing 6

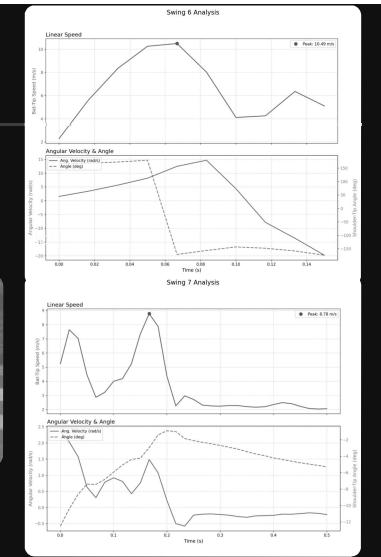


Swing 7

Video

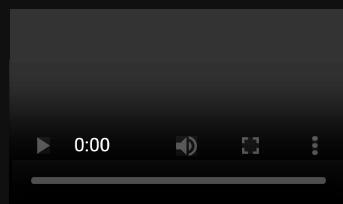


GIF



Swing 8

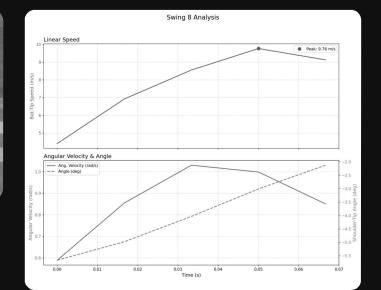
Video



GIF

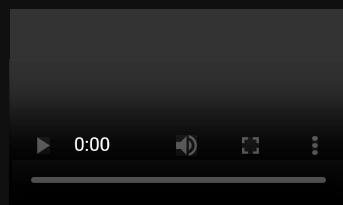


Plots



Swing 9

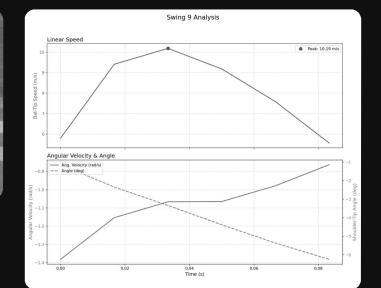
Video



GIF

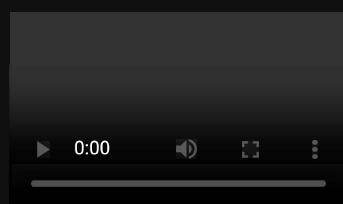


Plots



Swing 10

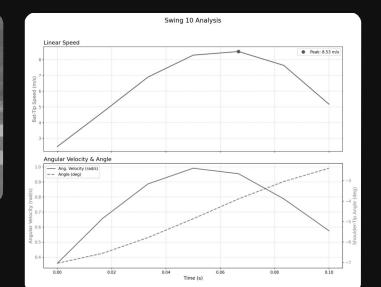
Video



GIF

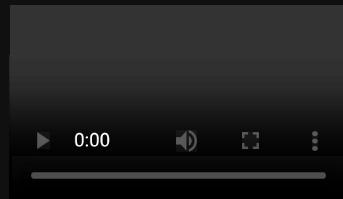


Plots



Swing 11

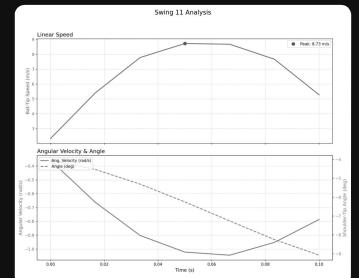
Video



GIF

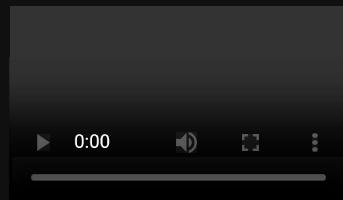


Plots



Swing 12

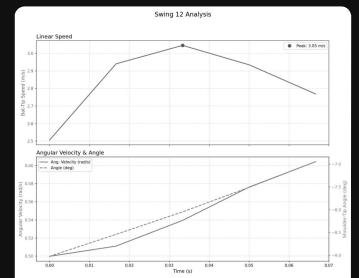
Video



GIF

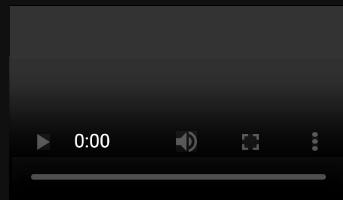


Plots



Swing 13

Video



GIF



Plots

