

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 487.64 seconds! 🎉



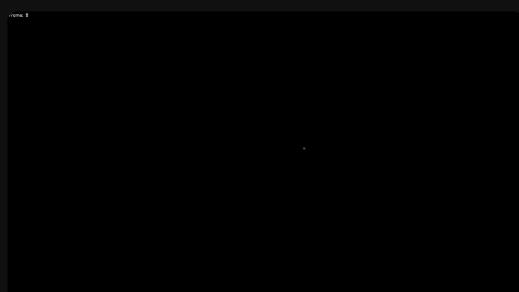
Swing Metrics

	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	

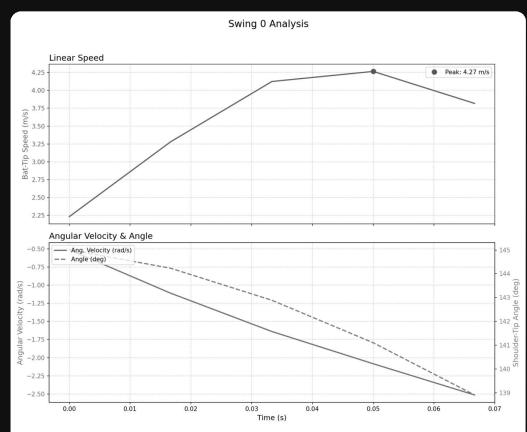


Visualizations per Swing

Swing 0



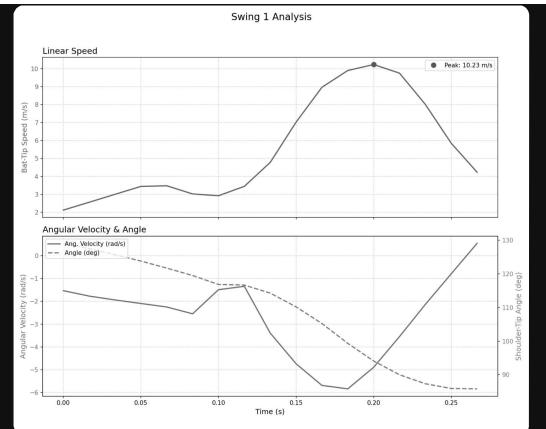
Swing Overlay



Swing 1



Swing Overlay

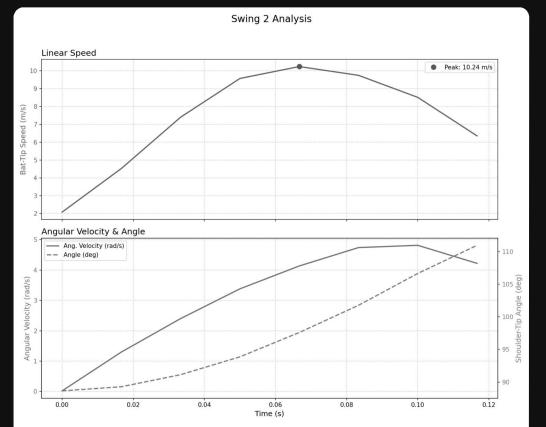


Swing Plots

Swing 2



Swing Overlay

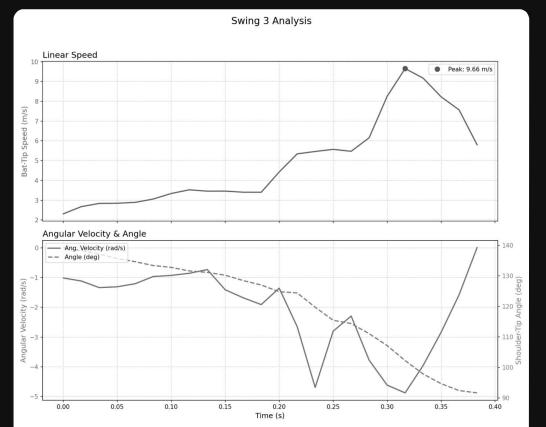


Swing Plots

Swing 3



Swing Overlay

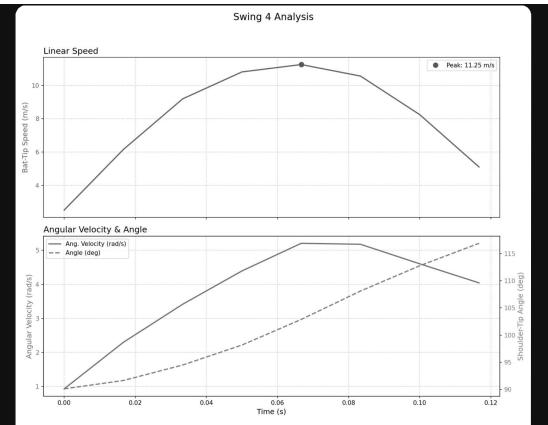


Swing Plots

Swing 4



Swing Overlay

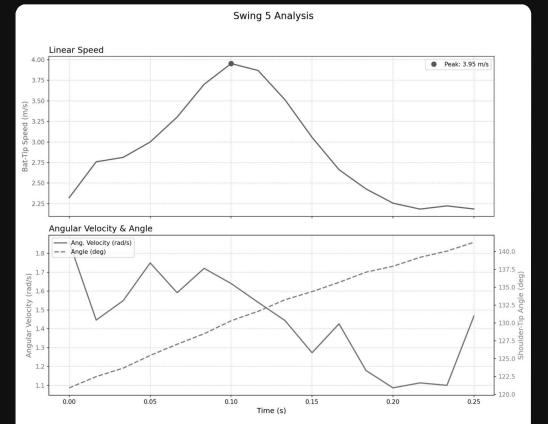


Swing Plots

Swing 5



Swing Overlay

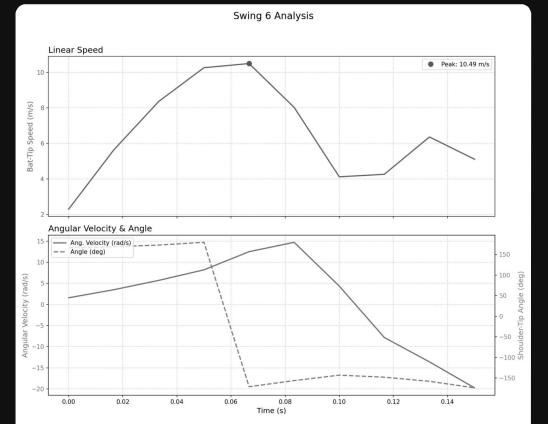


Swing Plots

Swing 6



Swing Overlay

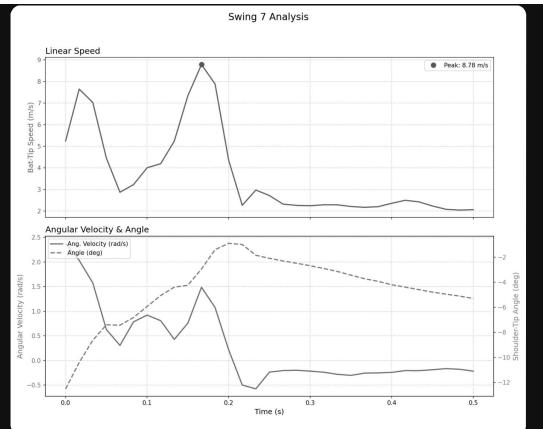


Swing Plots

Swing 7



Swing Overlay

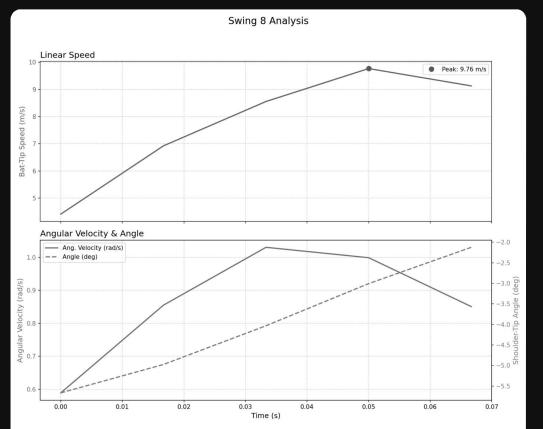


Swing Plots

Swing 8



Swing Overlay

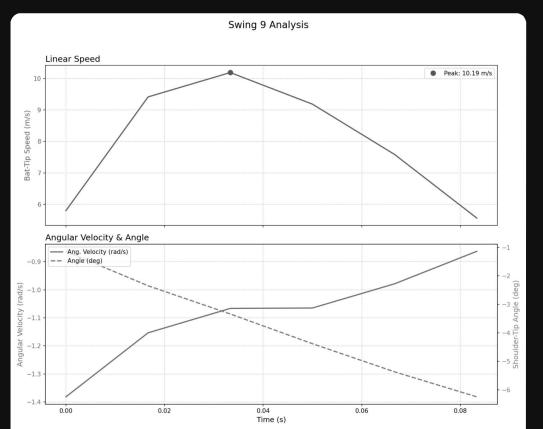


Swing Plots

Swing 9



Swing Overlay

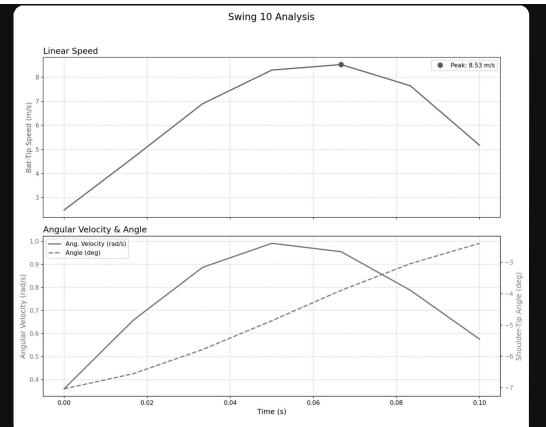


Swing Plots

Swing 10



Swing Overlay

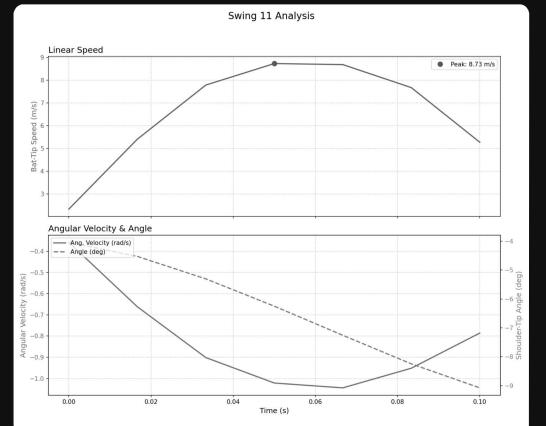


Swing Plots

Swing 11



Swing Overlay

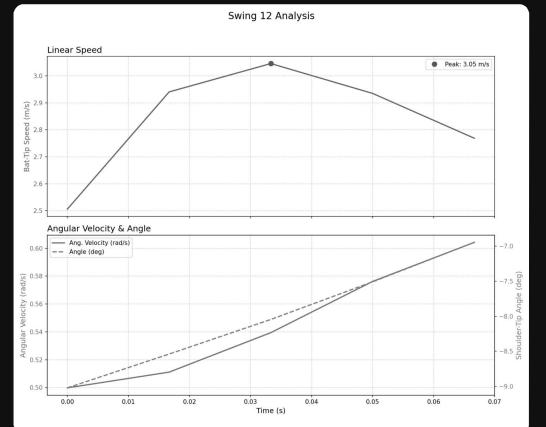


Swing Plots

Swing 12



Swing Overlay



Swing Plots

Swing 13



Swing Overlay

