

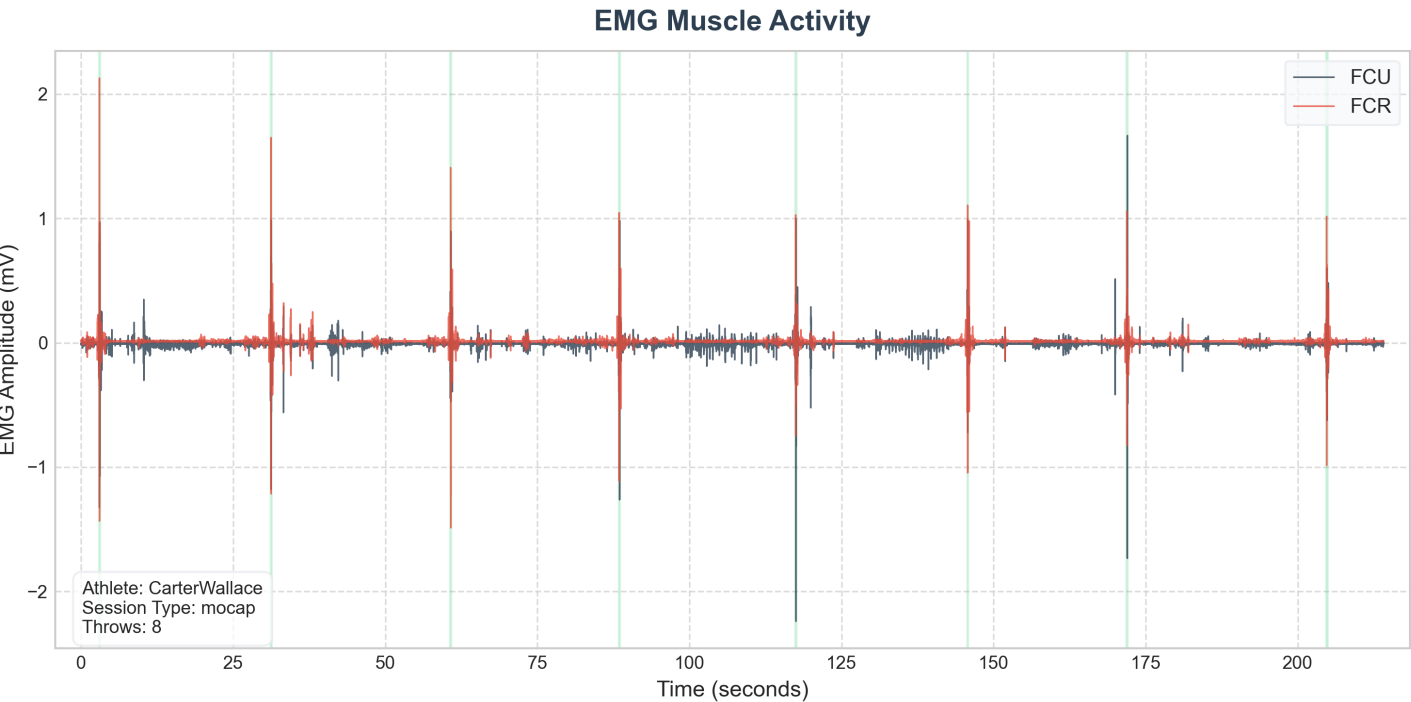
CarterWallace

EMG Report for mocap Session

February 27, 2025

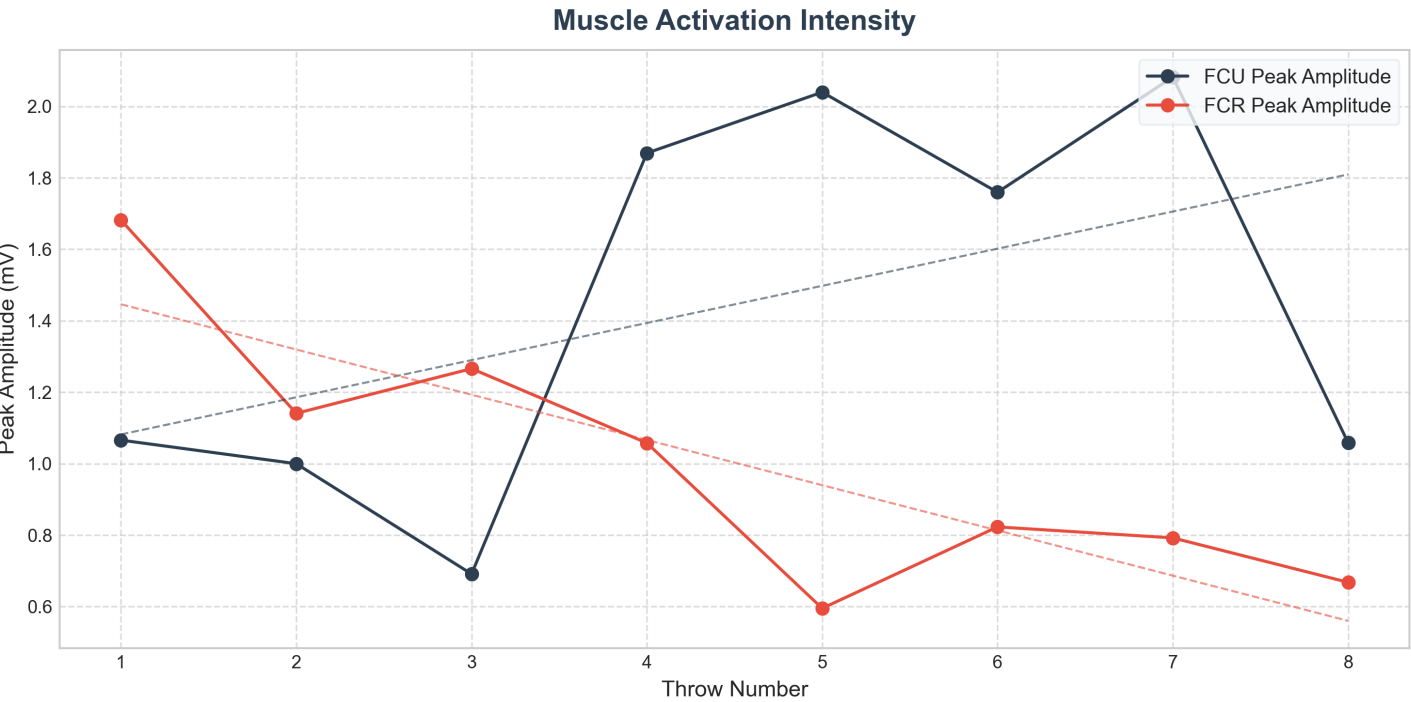
Throwing Summary

EMG Activity



EMG muscle activity throughout the session with throw regions highlighted in green.

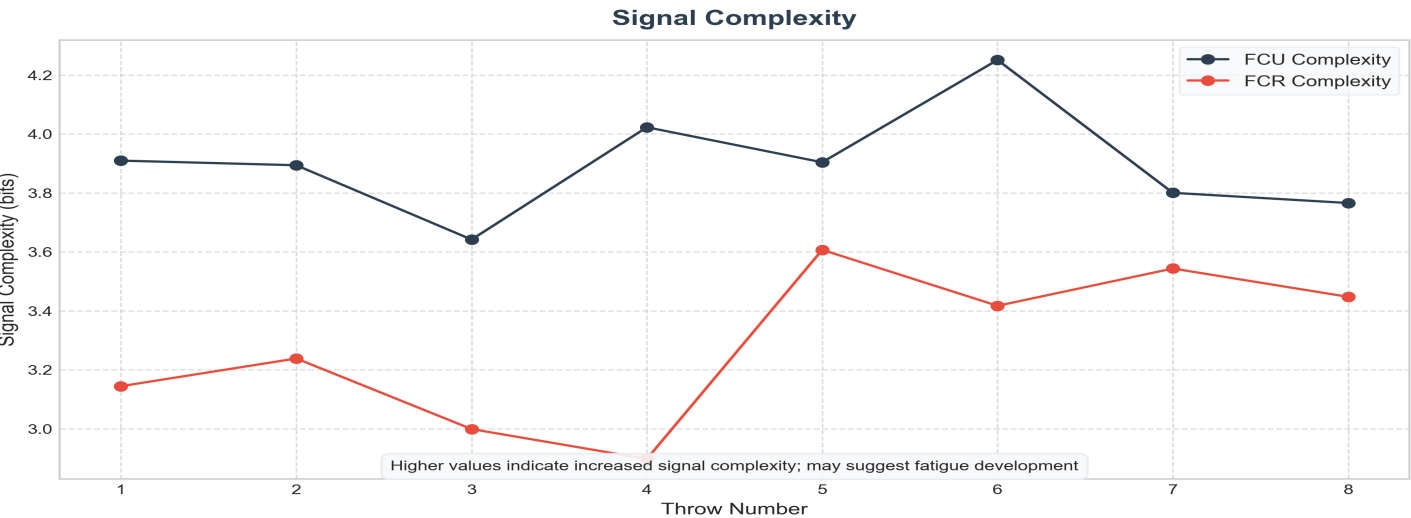
Muscle Activation Intensity



Peak muscle activation intensity for each throw.

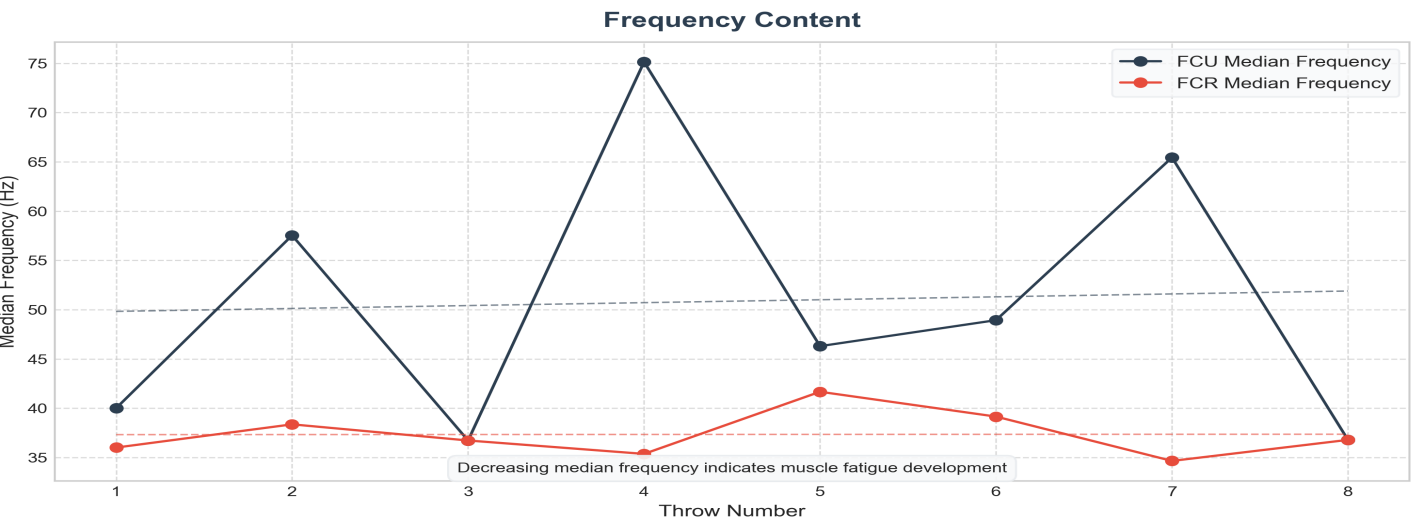
Fatigue and Twitch Analysis

Signal Complexity



Signal complexity (spectral entropy) across throws.

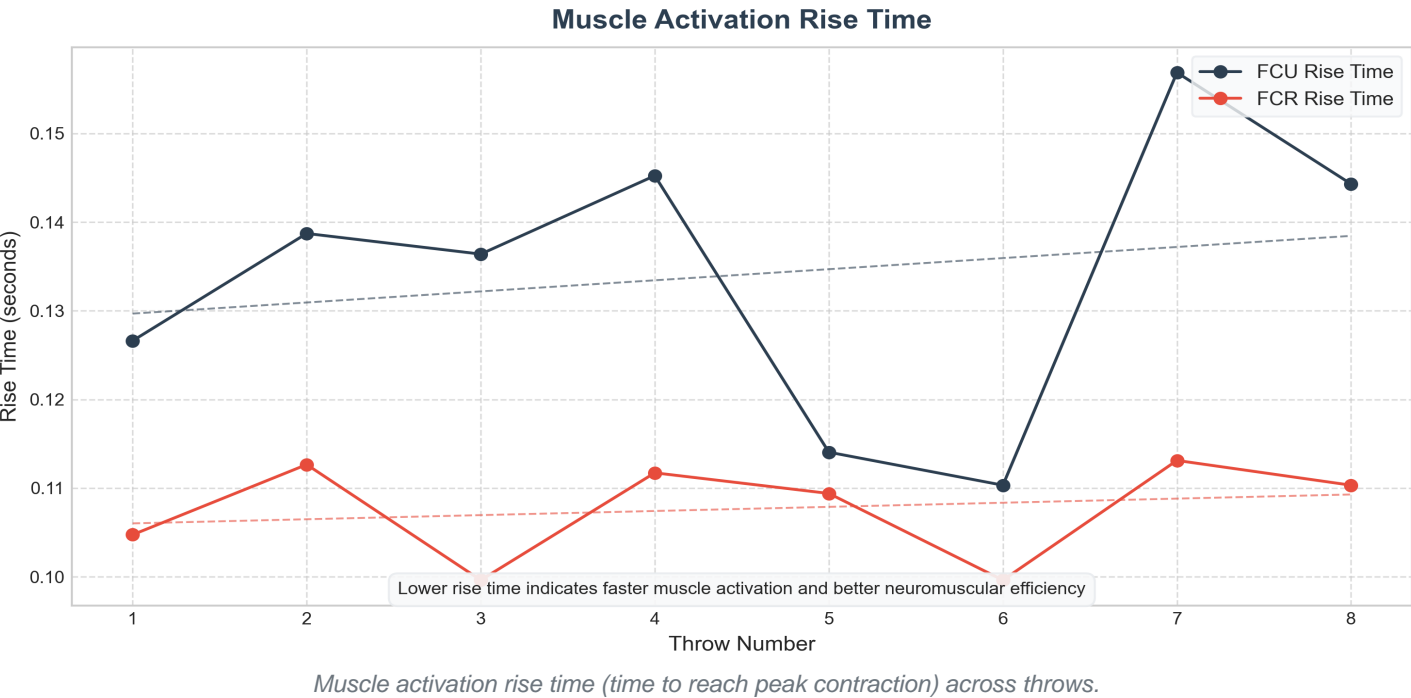
Frequency Content



Median frequency content across throws.

Neuromuscular Analysis

Neuromuscular Efficiency (Rise Time)



Wavelet Energy Distribution

