

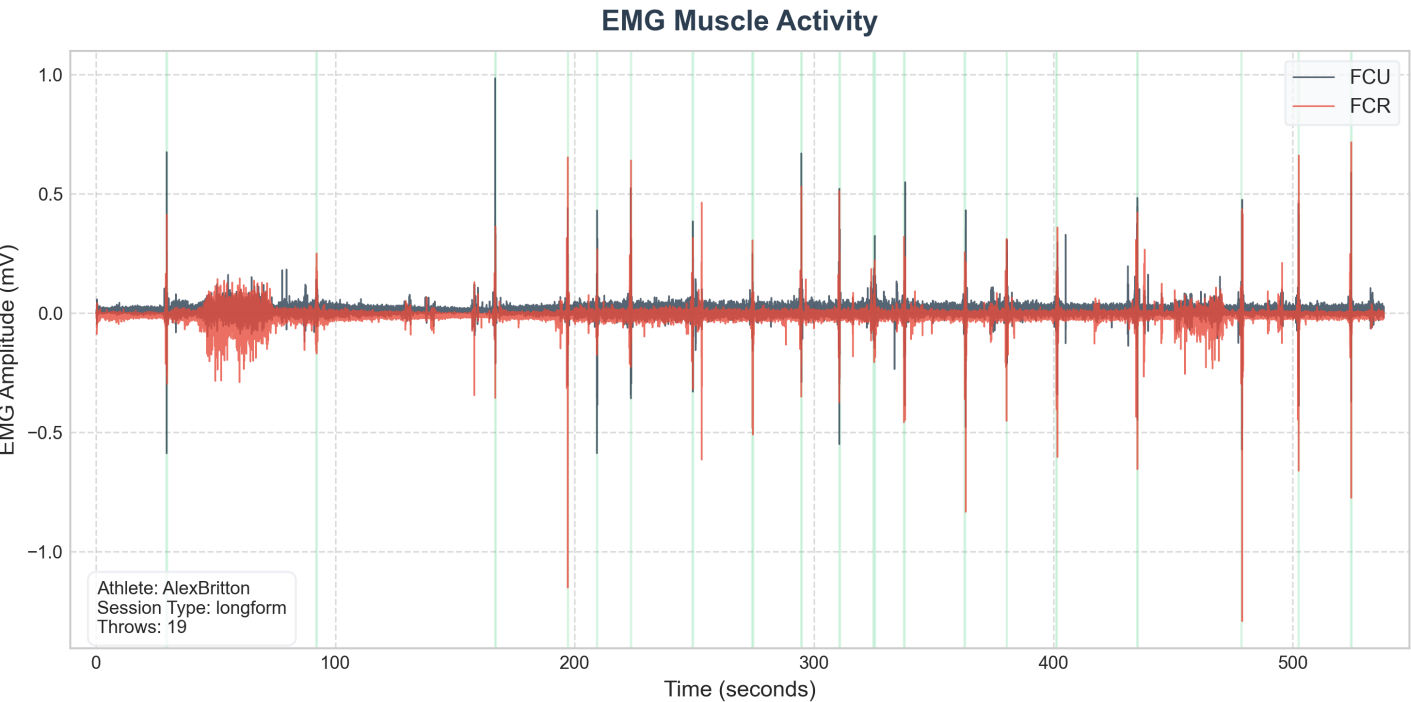
Alex Britton

EMG Report for longform Session

March 18, 2025

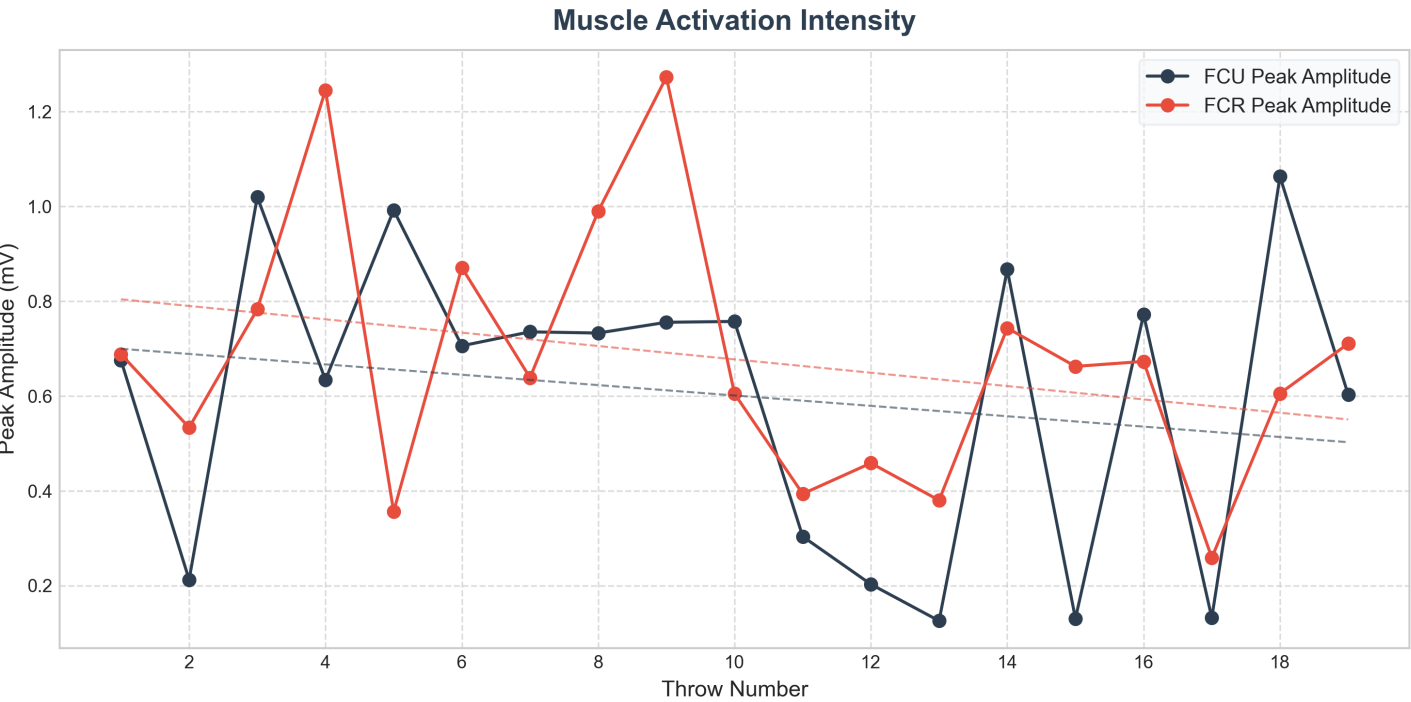
Throwing Summary

EMG Activity



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

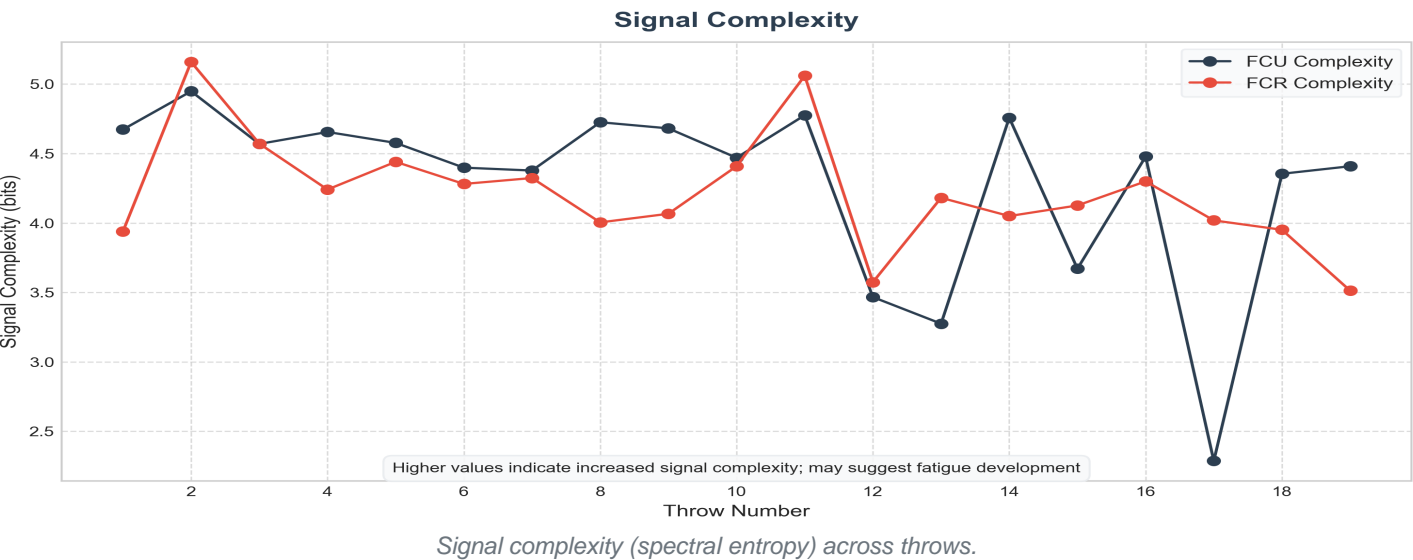
Muscle Activation Intensity



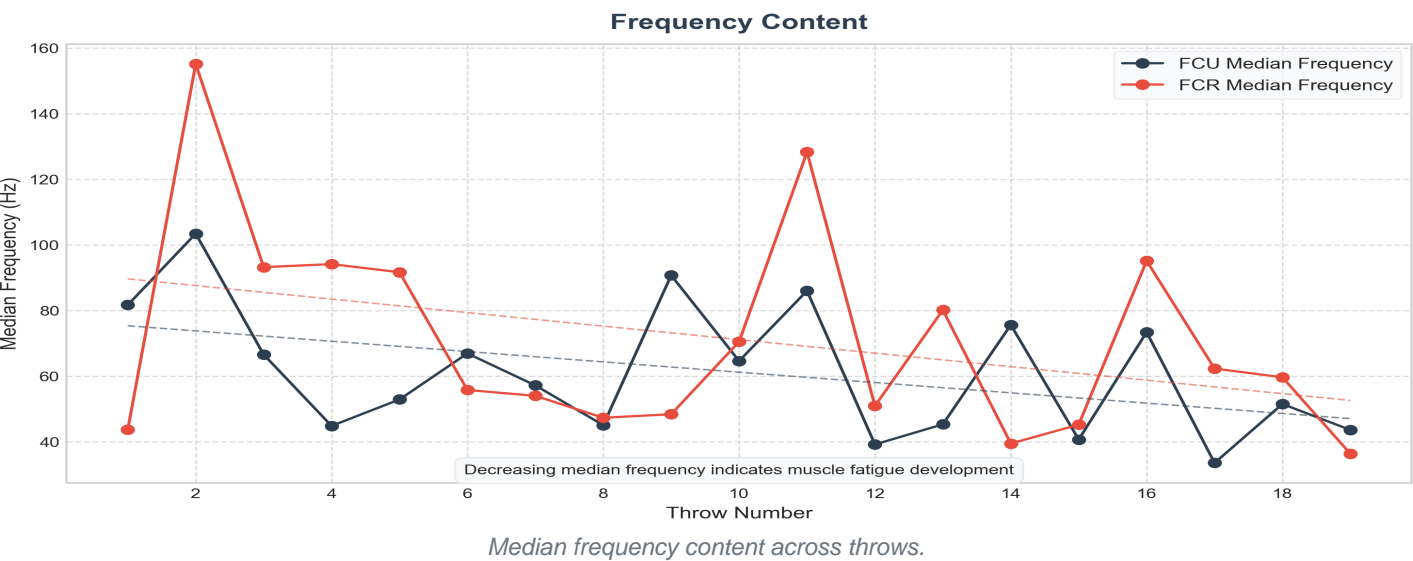
Peak muscle activation intensity for each throw.

Fatigue and Twitch Analysis

Signal Complexity

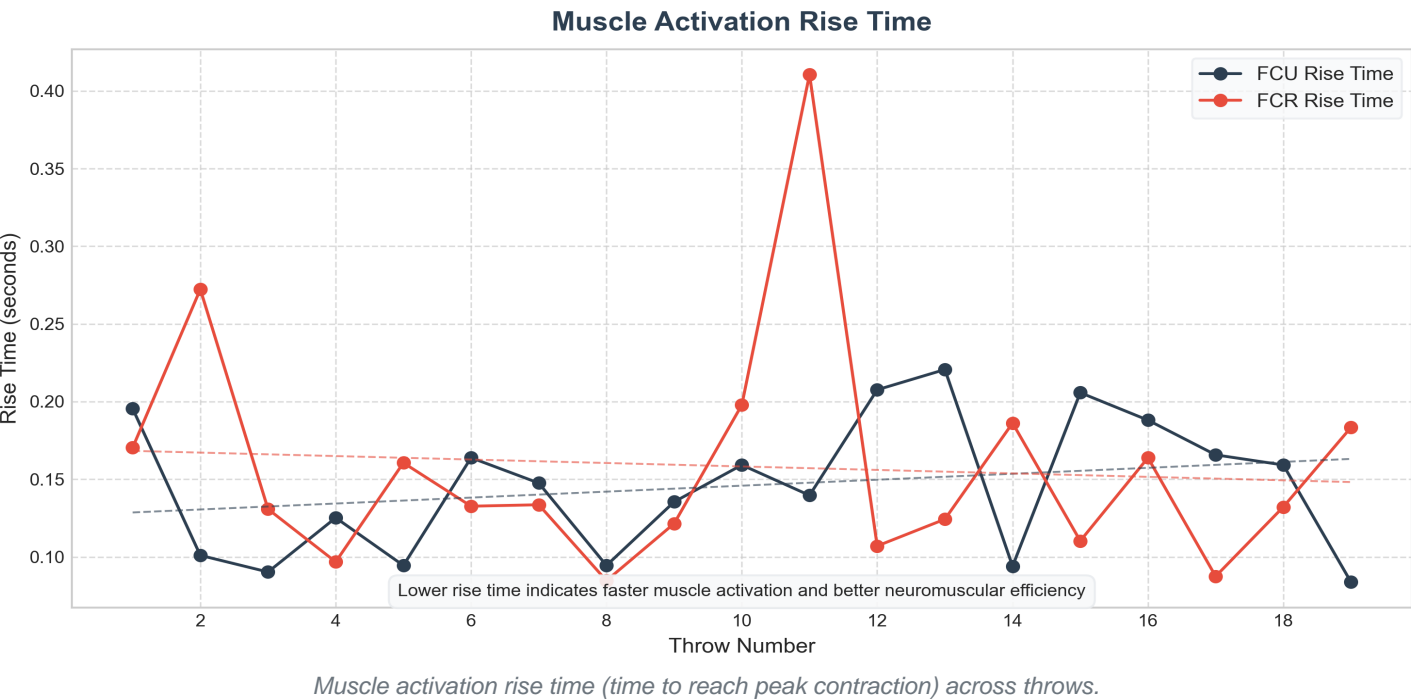


Frequency Content



Neuromuscular Analysis

Neuromuscular Efficiency (Rise Time)



Wavelet Energy Distribution

