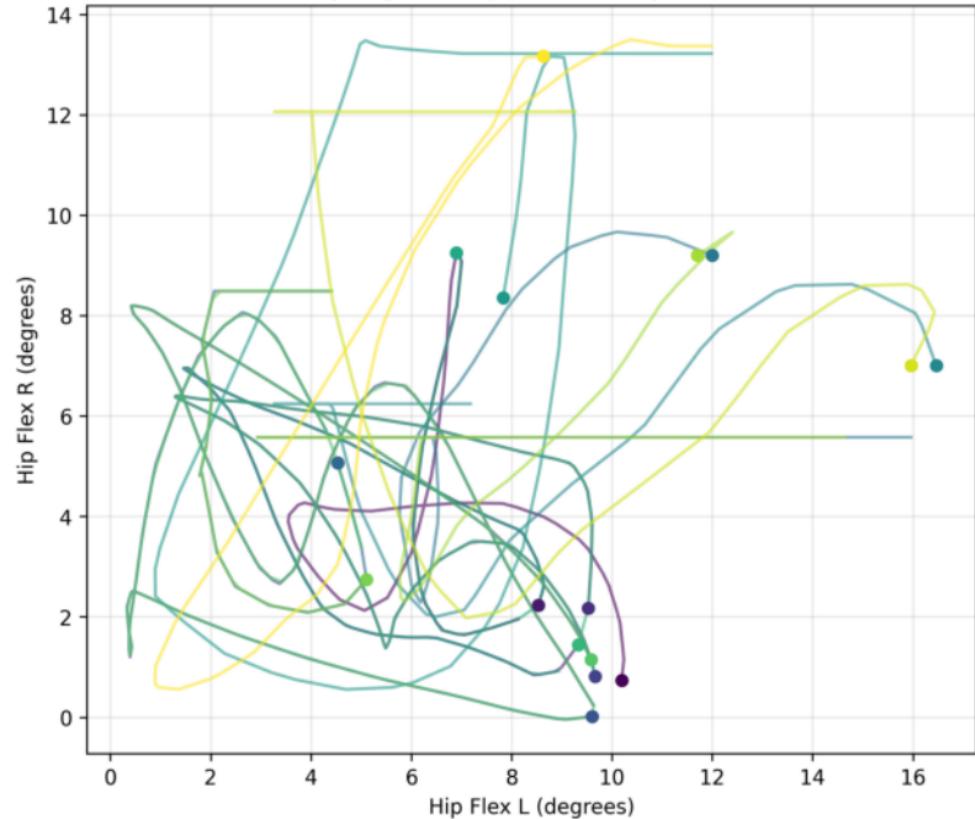
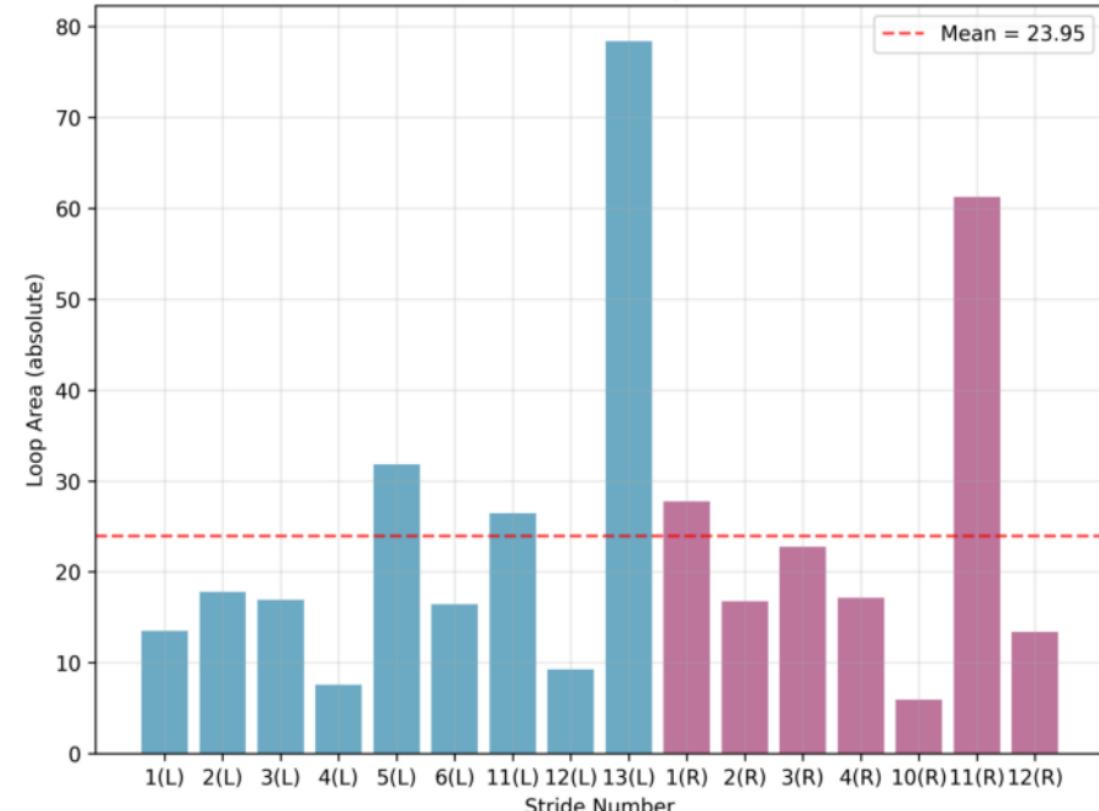


# Cyclogram Hip Lr

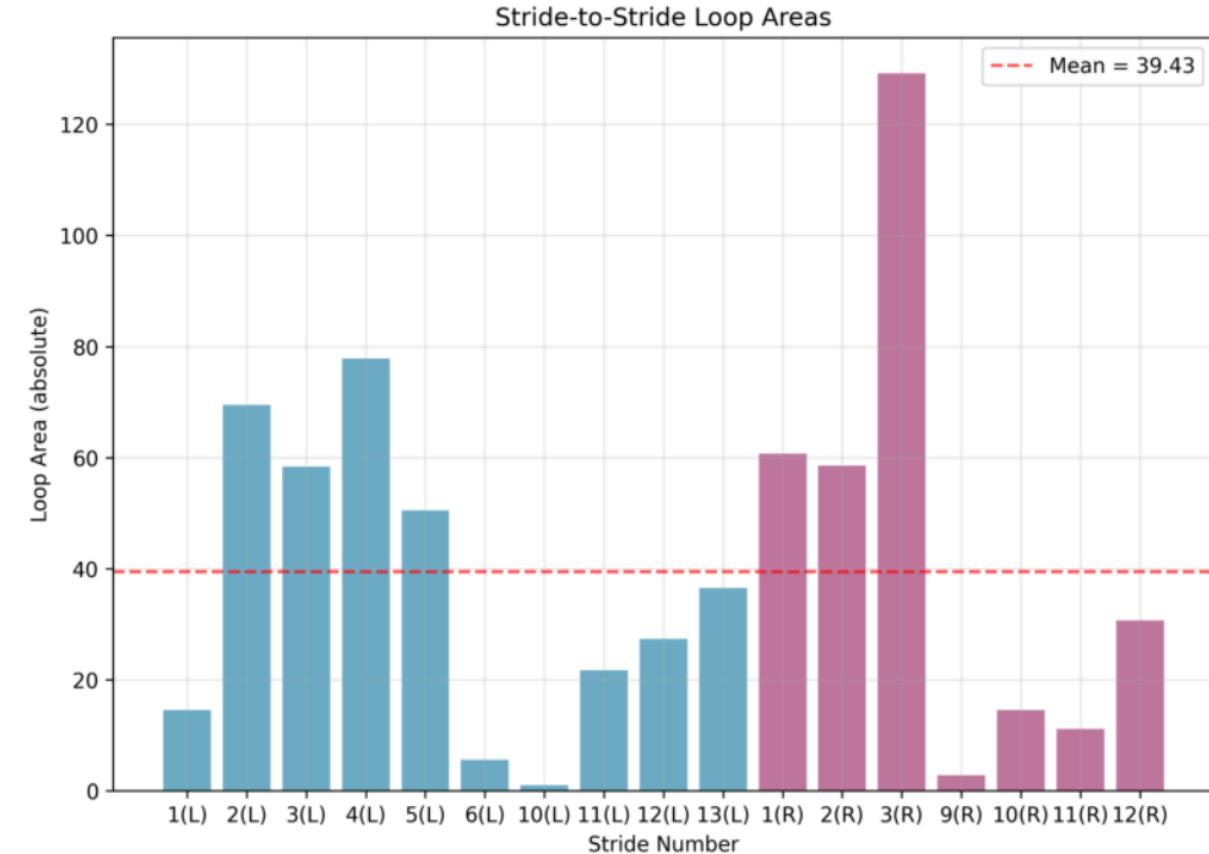
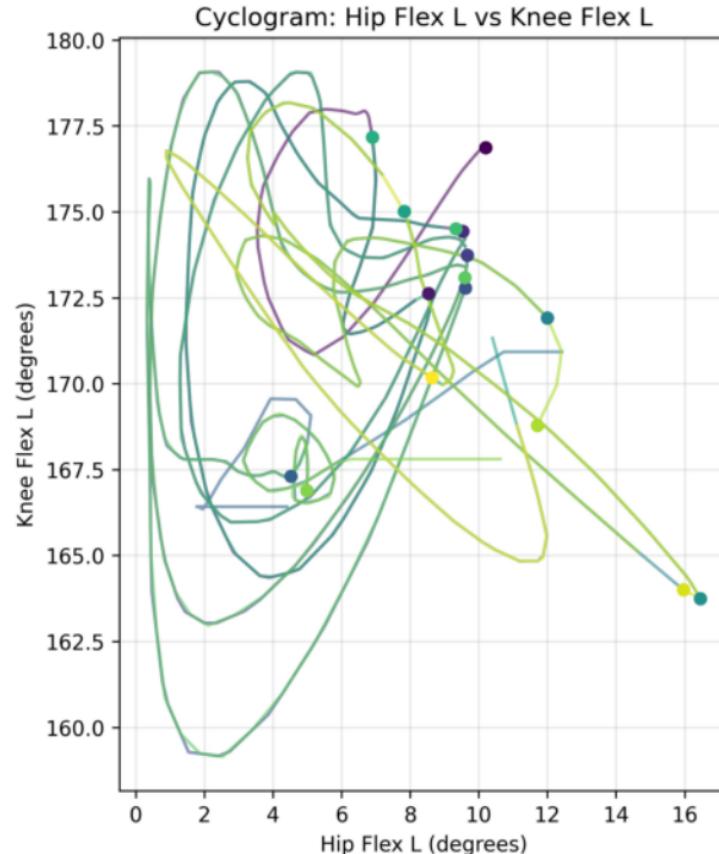
Cyclogram: Hip Flex L vs Hip Flex R



Stride-to-Stride Loop Areas

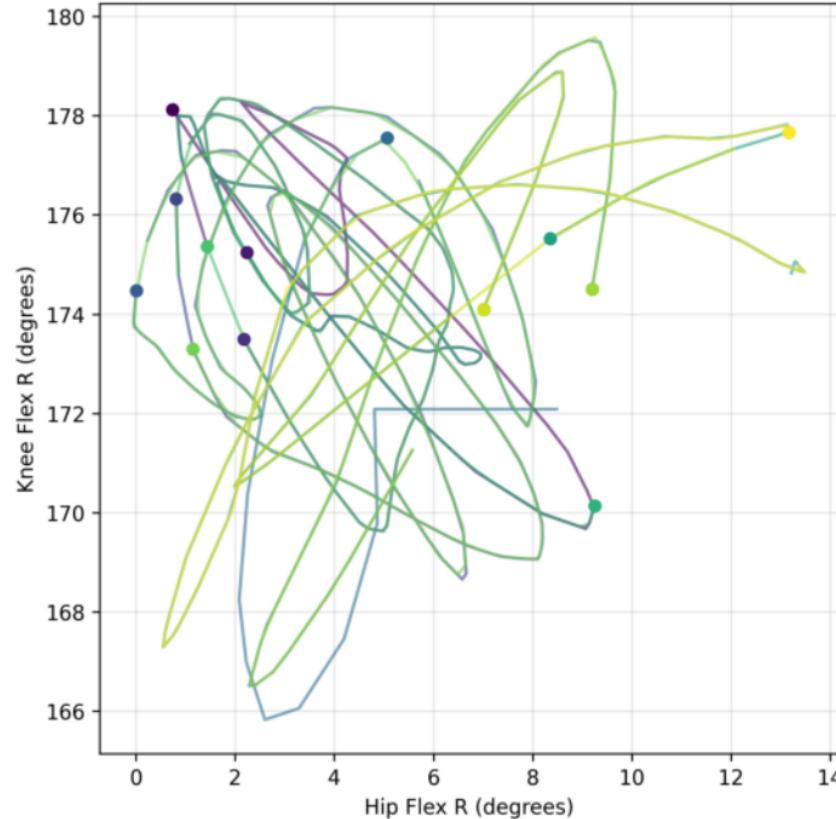


# Cyclogram Hip Knee L

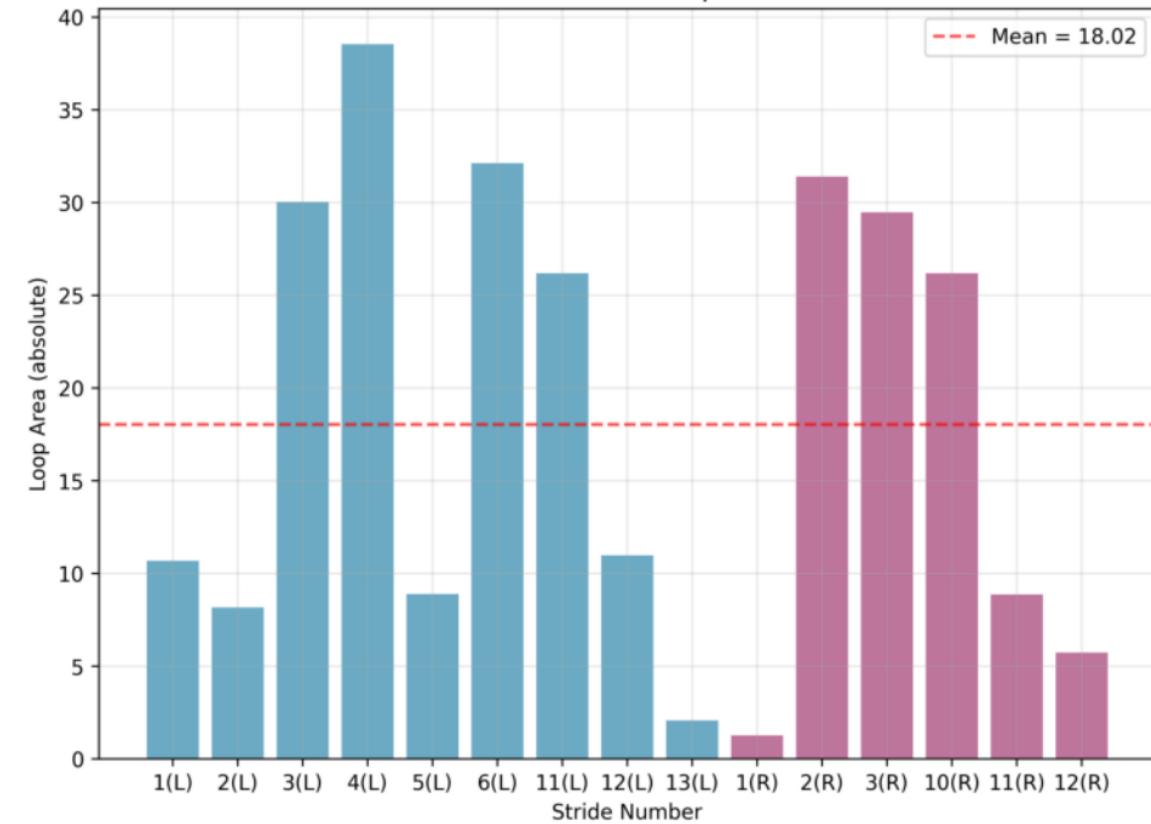


# Cyclogram Hip Knee R

Cyclogram: Hip Flex R vs Knee Flex R

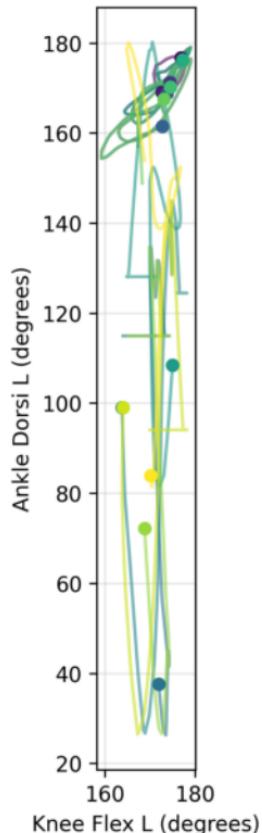


Stride-to-Stride Loop Areas

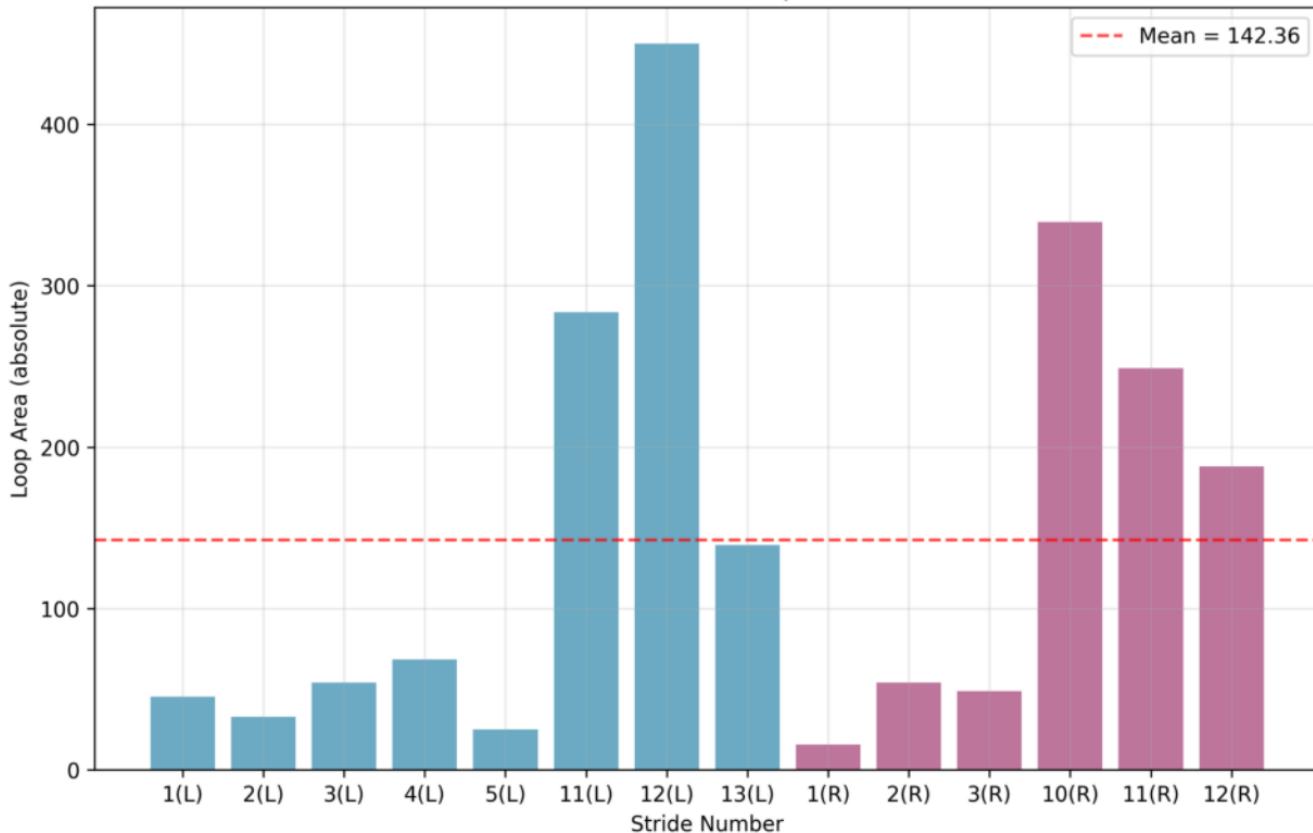


# Cyclogram Knee Ankle L

Cyclogram: Knee Flex L vs Ankle Dorsi L

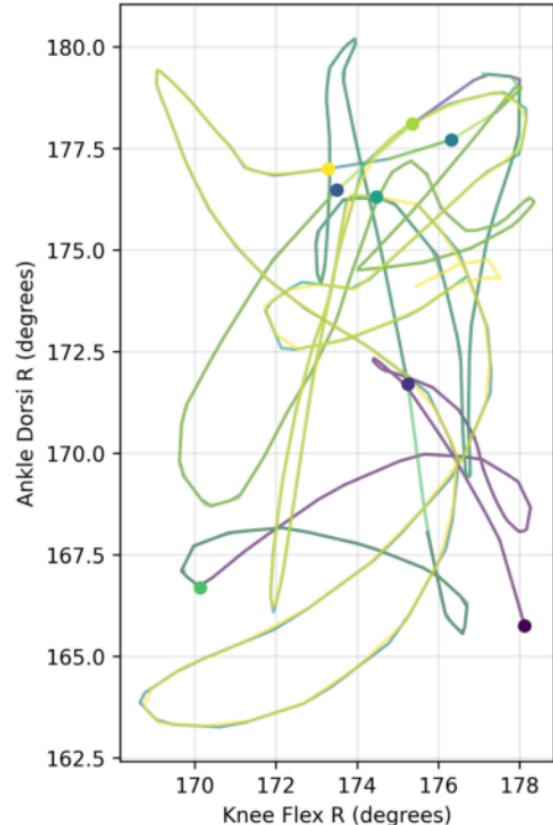


Stride-to-Stride Loop Areas

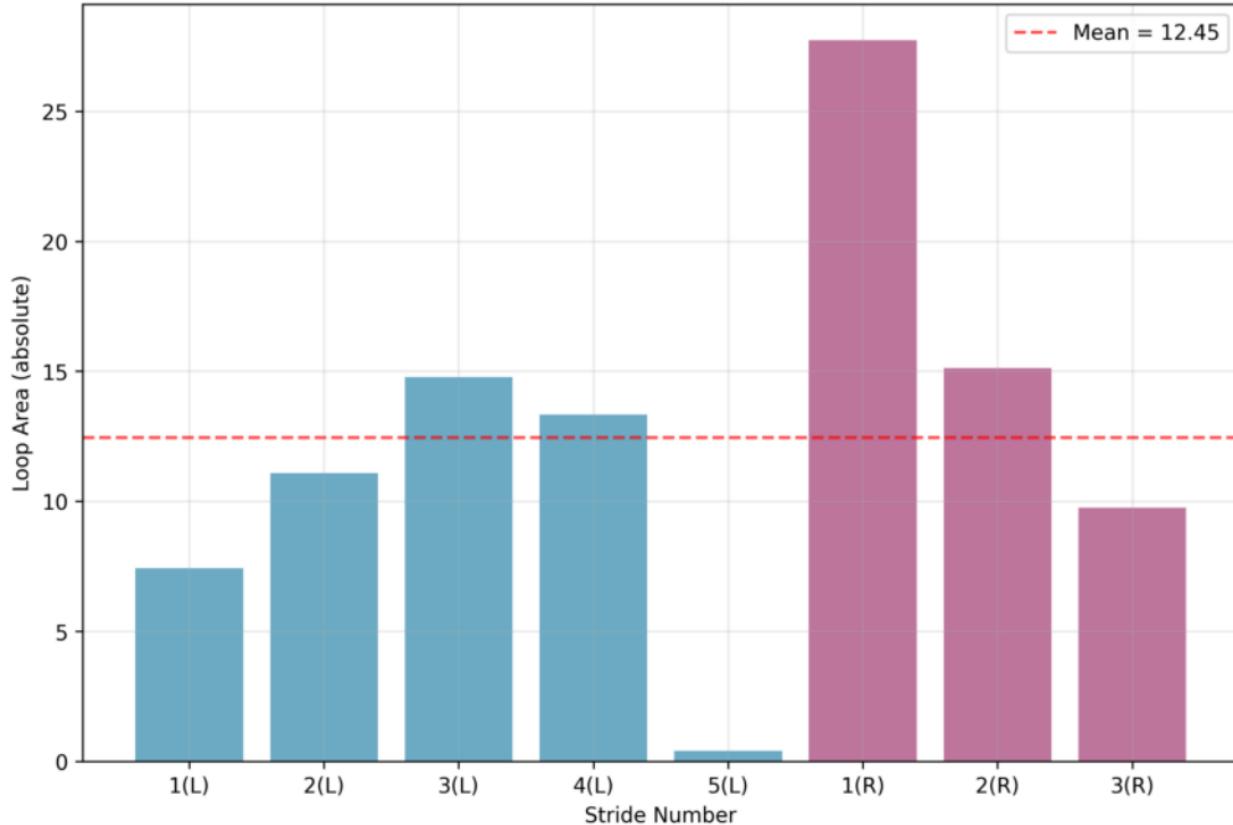


# Cyclogram Knee Ankle R

Cyclogram: Knee Flex R vs Ankle Dorsi R

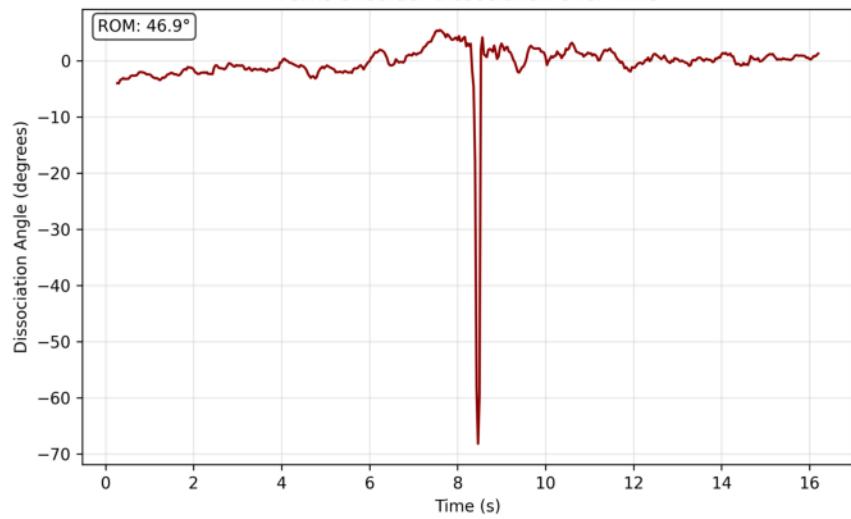


Stride-to-Stride Loop Areas

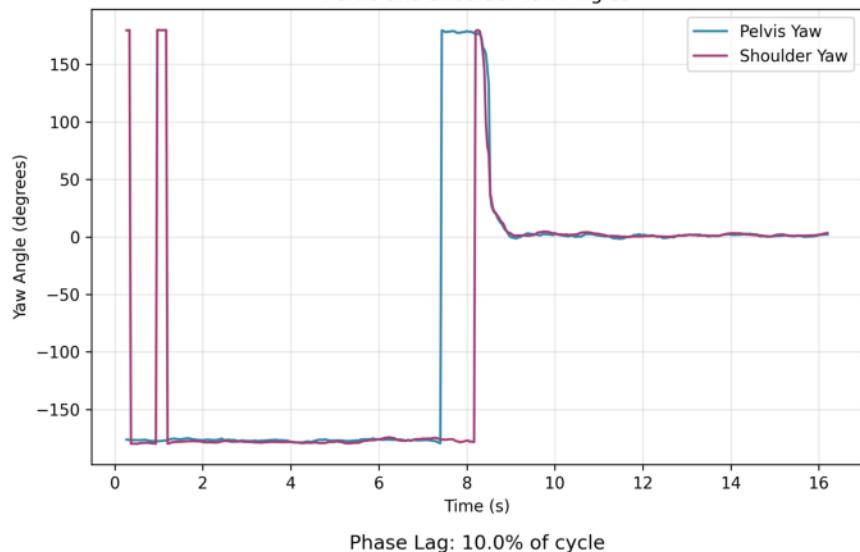


# Dissociation Analysis

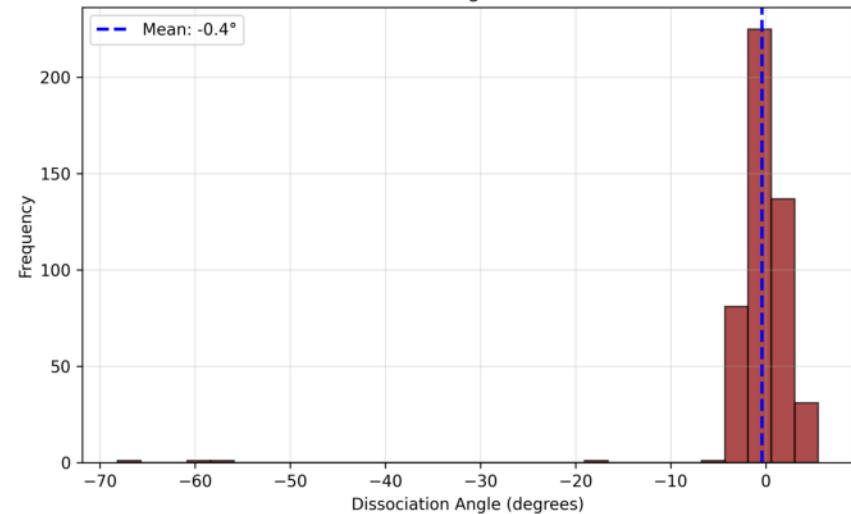
Pelvis-Shoulder Dissociation Over Time



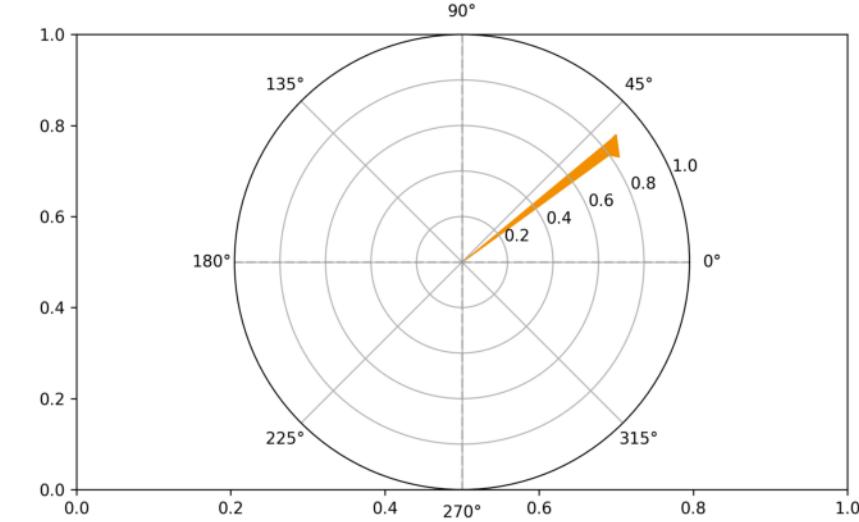
Pelvis and Shoulder Yaw Angles



Dissociation Angle Distribution



Phase Lag: 10.0% of cycle



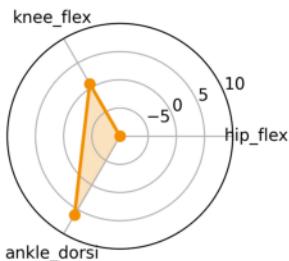
# Gait Analysis Dashboard

## Gait Analysis Dashboard

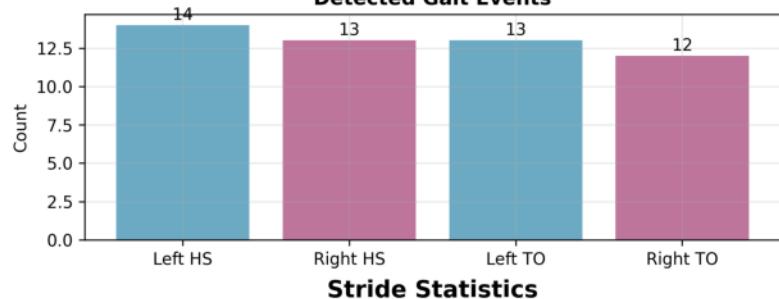
### Analysis Metadata

Duration: 15.9 seconds  
Total Frames: 479  
FPS: 30  
Processing: 2025-08-27T18:28:59

### Symmetry Indices (% difference L-R)



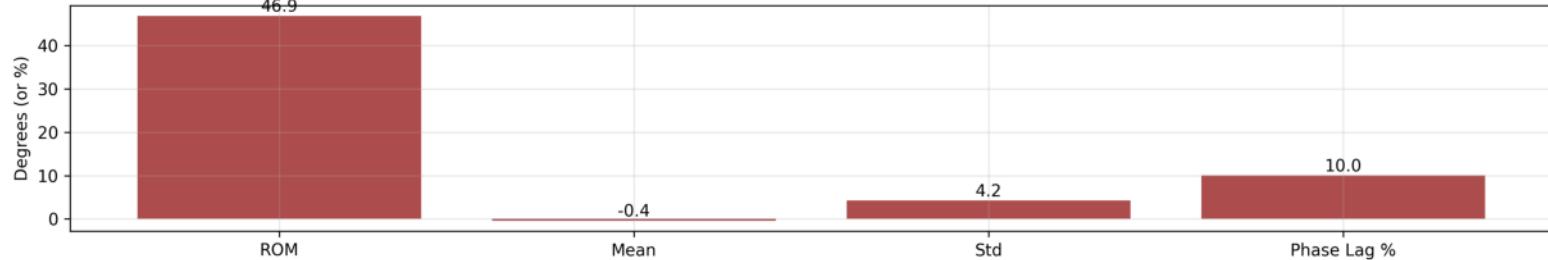
### Detected Gait Events



### Stride Statistics

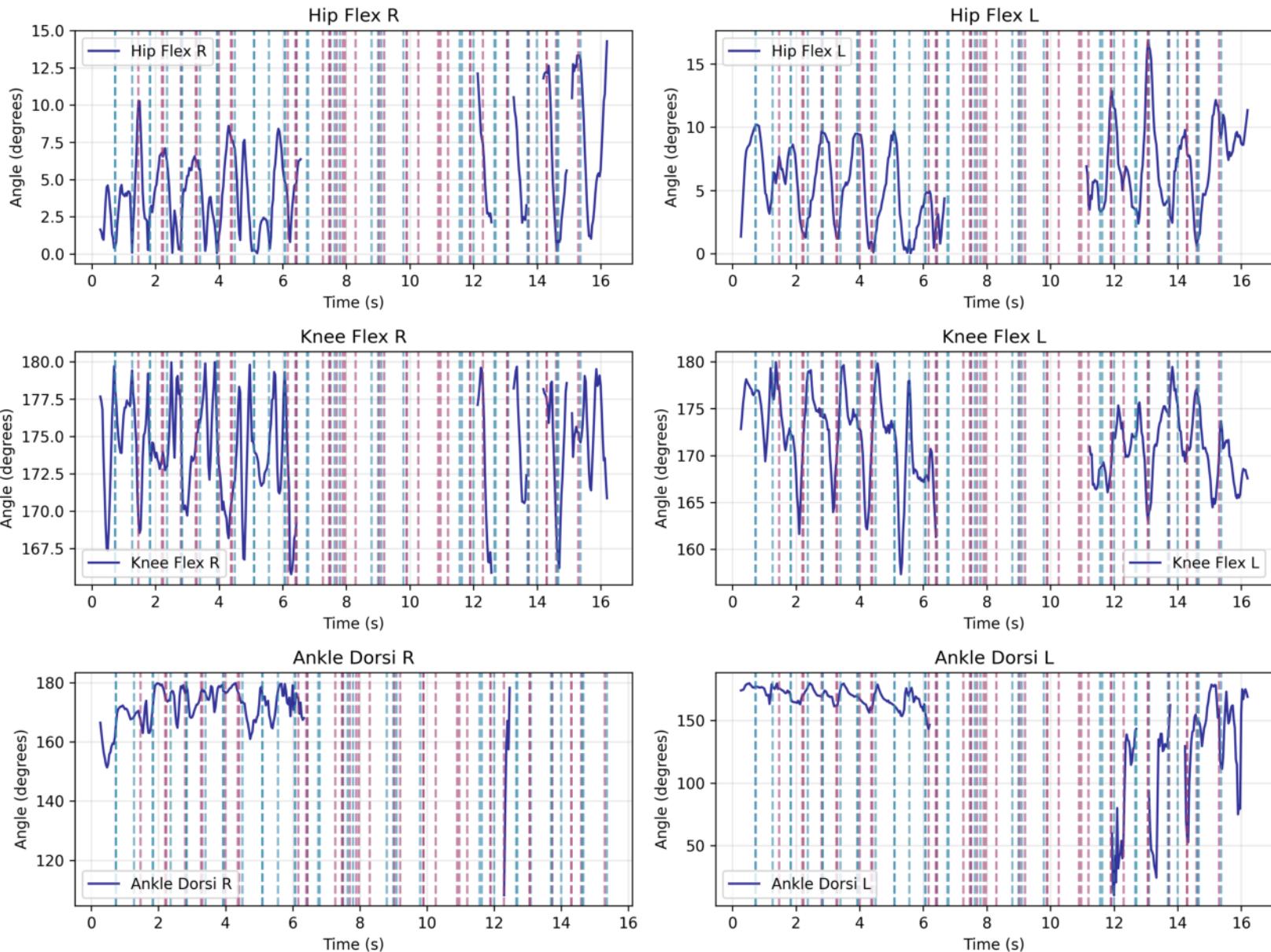
Total Strides: 25  
Left Strides: 13  
Right Strides: 12  
  
Mean Duration: 1.14s  
Std Duration: 0.40s

### Pelvis-Shoulder Dissociation Metrics

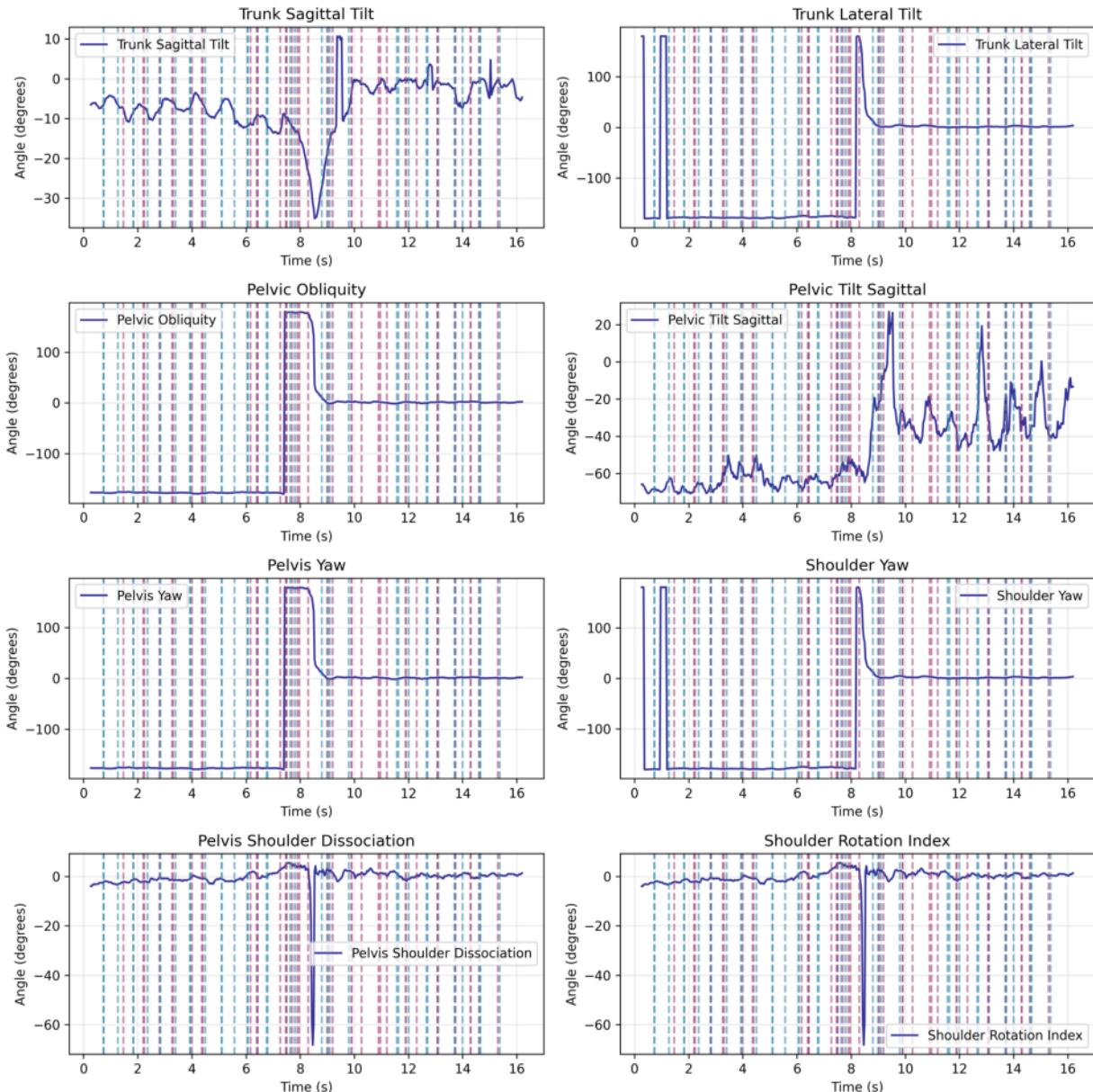


Data Quality Indicators:  
• Stride Balance: 96% (Left vs Right balance)  
• Event Detection: 52 total events detected  
• Symmetry Analysis: 3 joint pairs analyzed  
• Dissociation Analysis: ✓ Available

# Joint Angles Time Series



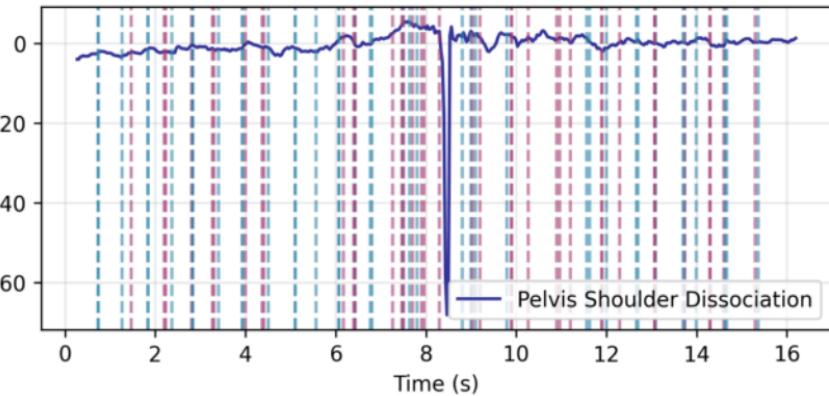
# Posture Angles Time Series



# Rotation Indices Time Series

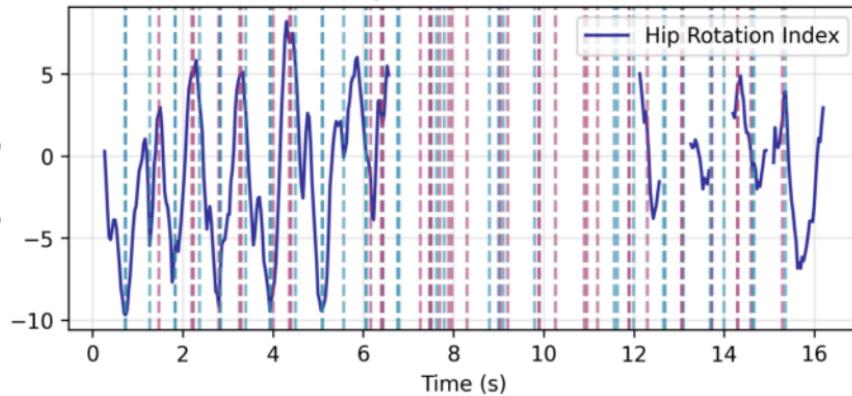
Pelvis Shoulder Dissociation

Angle (degrees)



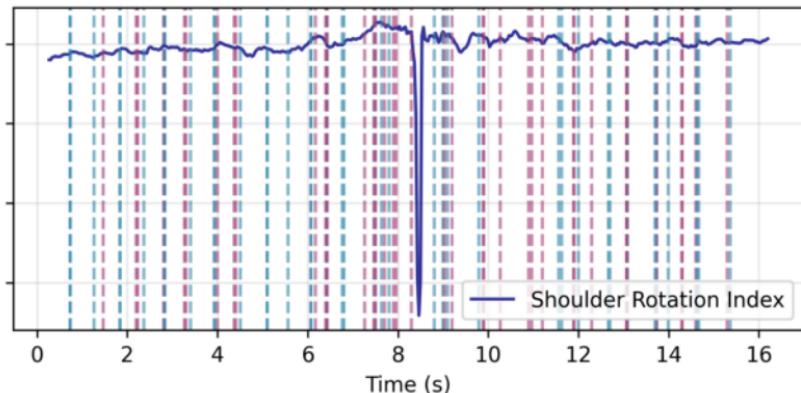
Angle (degrees)

Hip Rotation Index



Shoulder Rotation Index

Angle (degrees)



# Symmetry Analysis

Left-Right Symmetry Indices  
(Negative = Left Dominant, Positive = Right Dominant)

