



Analysing the Analysis

Associate Professor Anthony Bedford & Associate Professor Hayden Croft

Silver Ferns - Performance Analysts (with learnings for S&C's)



Pre Campaign

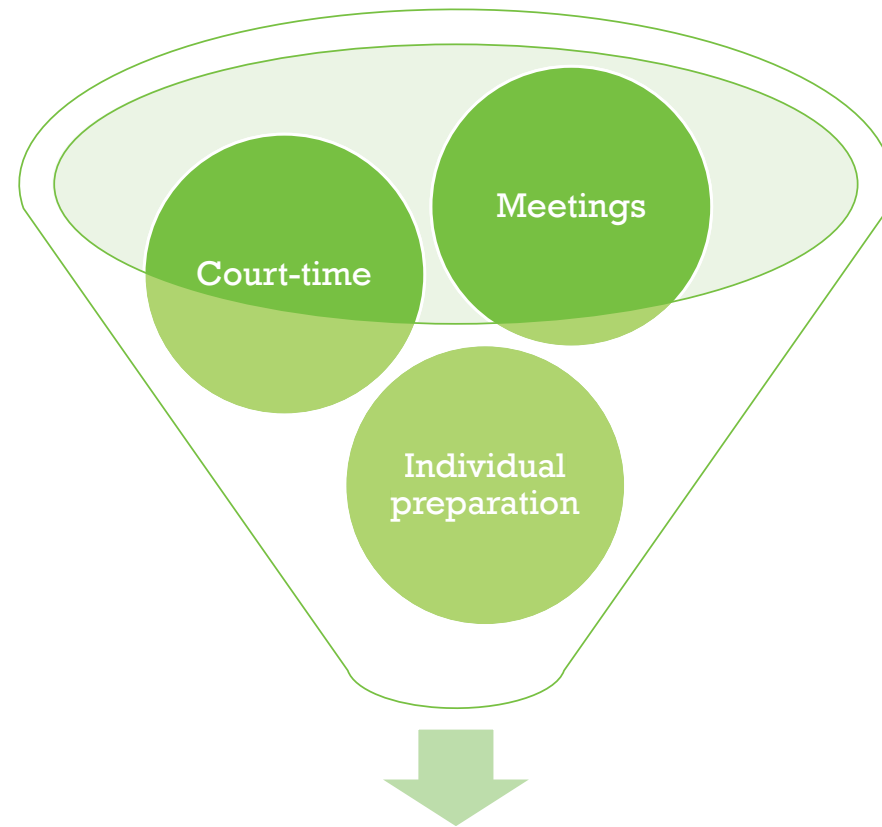
Pre-Learning Materials and Approaches

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How do we
prepare players
for a campaign..?

Tension between player load and time learning



Execution of Strategy

20hrs – causal or coincidence

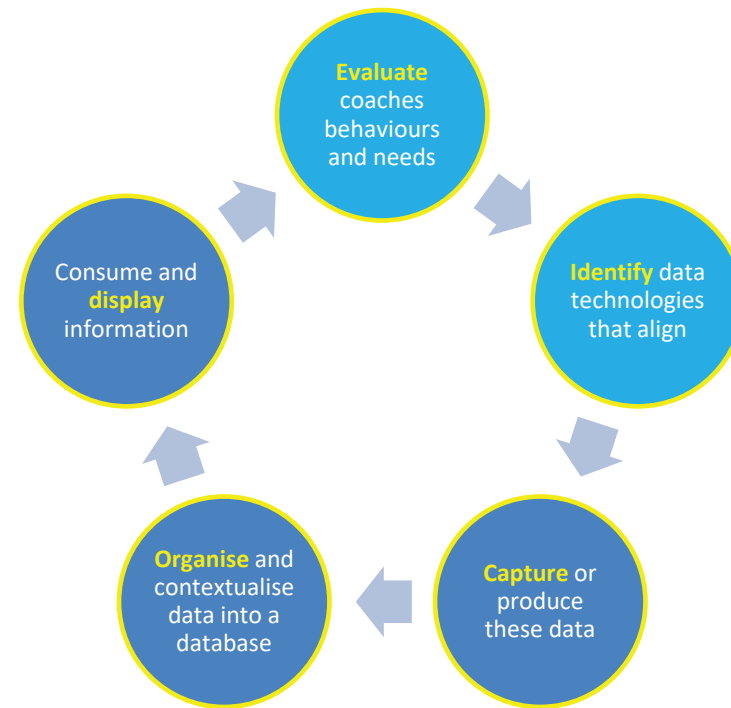
We live this game.



**NETBALL
NEW ZEALAND**
POI TARAWHITI AOTEAROA

Managing data and creating information is important..

Frameworks for “large-data”



We live this game.

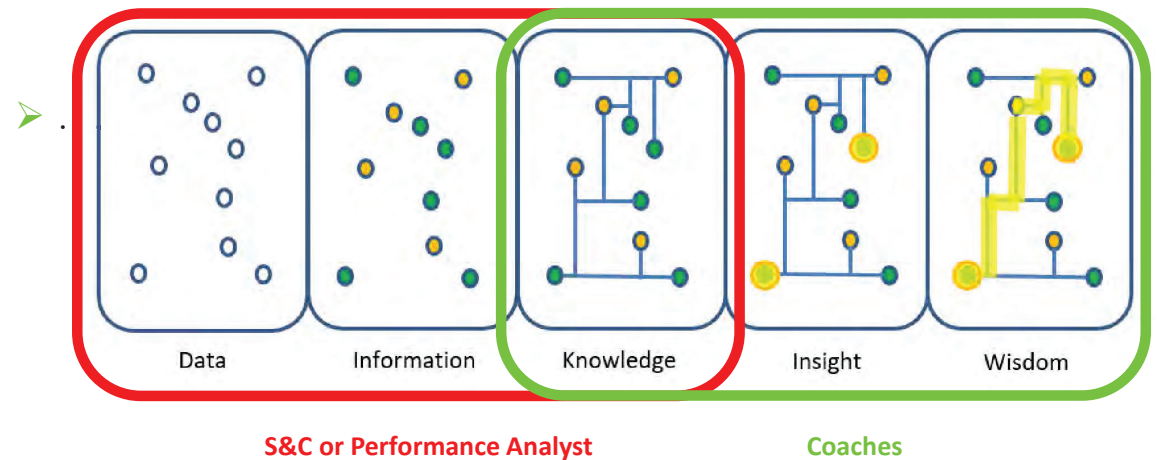


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Data to
wisdom?

The coach and S&C/analyst interface

Figure. A visualisation of the continuum from data to wisdom, adapted from (Kaushik, 2016).



We live this game.



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University of the Silver Ferns

Orientation





Doing something
different

UoSF





Camp Pre Tournament

Materials and Approaches

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The background features a light gray surface with faint, concentric circular lines. Overlaid on this are several horizontal green bars of varying heights. Scattered across these bars and the background are various 3D-rendered objects: spheres of different sizes and colors (some green, some silver), and rings of different sizes. The objects are arranged in a way that suggests a complex system or a process flow. The text 'Performance Systems' is centered in white, and 'System Result - Training' is centered below it in a smaller white font.

Performance Systems

System Result - Training

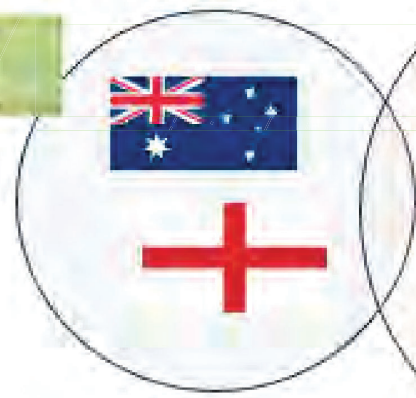
Scouting AI





Data driven styles groupings/ratio

Ashes group



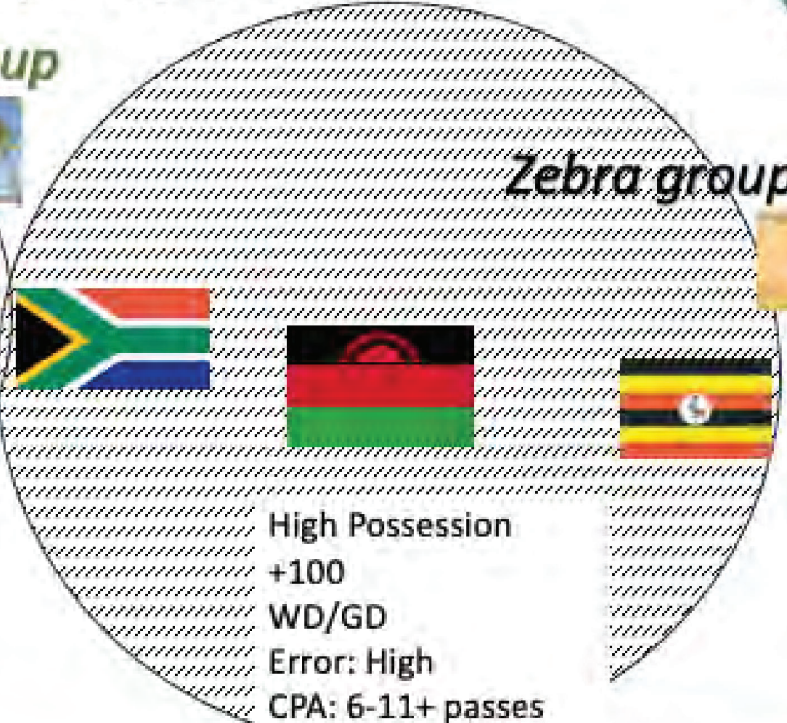
Low Possession
 +50
 WA/GA
 Error: Low-Mod
 CPA: 3-7 passes
 CE Dominant
 AF Mod-High

Palm Trees group



Low Possession
 +30
 WA/GD
 Error: Mod-High
 CPA: 4-9 passes
 OCE Tendencies
 AF Low - High

Zebra group



High Possession
 +100
 WD/GD
 Error: High
 CPA: 6-11+ passes
 CE/OCE
 AF Mod-Low



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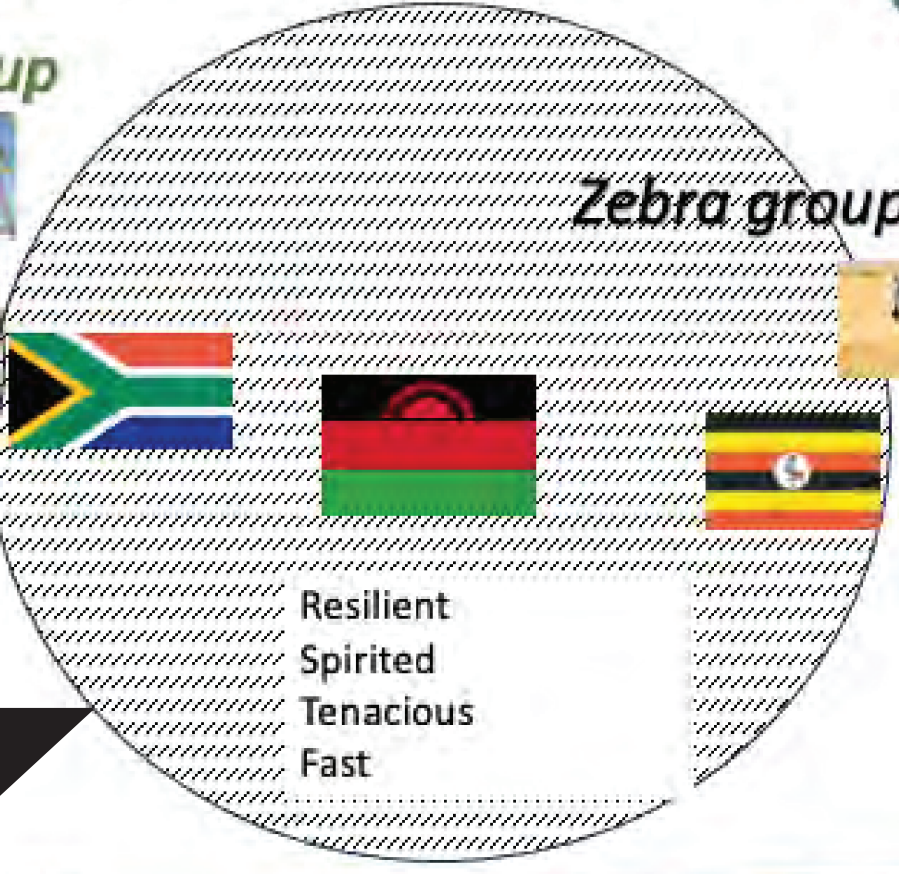


AI styles textual analysis Data Groups/Uncommon AI

Ashes group

Palm Trees group

Zebra group



Frugal
 Calculated
 Rigid
 Predictable
 Disciplined

Tall
 Creative
 Unpredictable
 Tempted

Resilient
 Spirited
 Tenacious
 Fast

Tenacious

Fluid
 Intuitive
 Adaptable

Precise

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In-Tournament

Materials and Approaches

Silver Ferns - Performance Analysts (with learnings for S&C's)



How players
consume video
is important

The screenshot shows a video management dashboard for the Silver Ferns netball team. The interface includes a navigation bar with 'Home' and 'Watch Now' options, and an 'Upload' button. The main content area displays a grid of video thumbnails, each with a play button and a duration of '0 hrs'. The thumbnails are categorized by type: 'PLAYLIST', 'GAME', and 'SCOUT'. The left sidebar provides a detailed breakdown of video storage usage by type and event.

ACTIVITY	Value
Recently Deleted	
TYPE	
Game	463 hrs
Scout	336 hrs
Playlist	0 hrs
Practice	189 hrs
File	
EVENT	
2021-2022	11 hrs
Netball Australia	4.1 hrs
Netball South Africa	5 hrs
England Netball	0 hrs

MANAGE STORAGE

988 of 500 hrs (198%) used

Silver Ferns 988 hrs

[Learn more about managing storage.](#)

[Free up Space](#)

Online web-based video sharing

We live this game.



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How players
consume video
is important

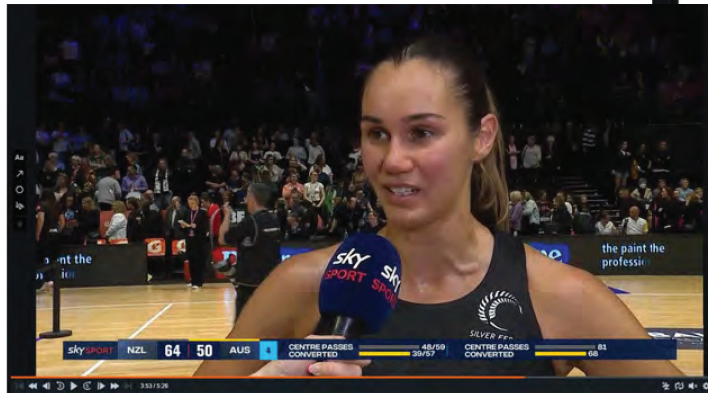
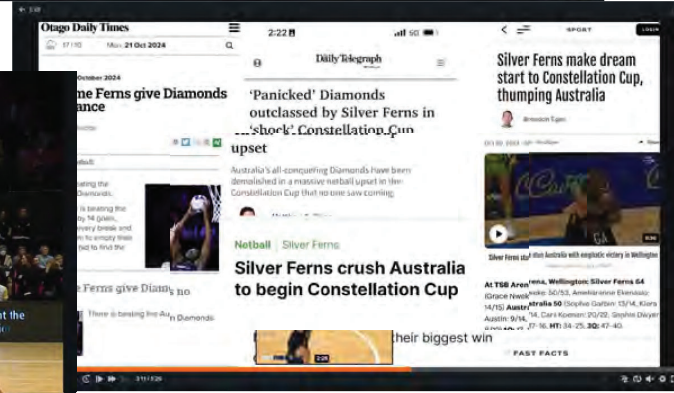
VR 360-degree video headsets



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How players consume video is important

Pulling emotion into video reflections: Montages

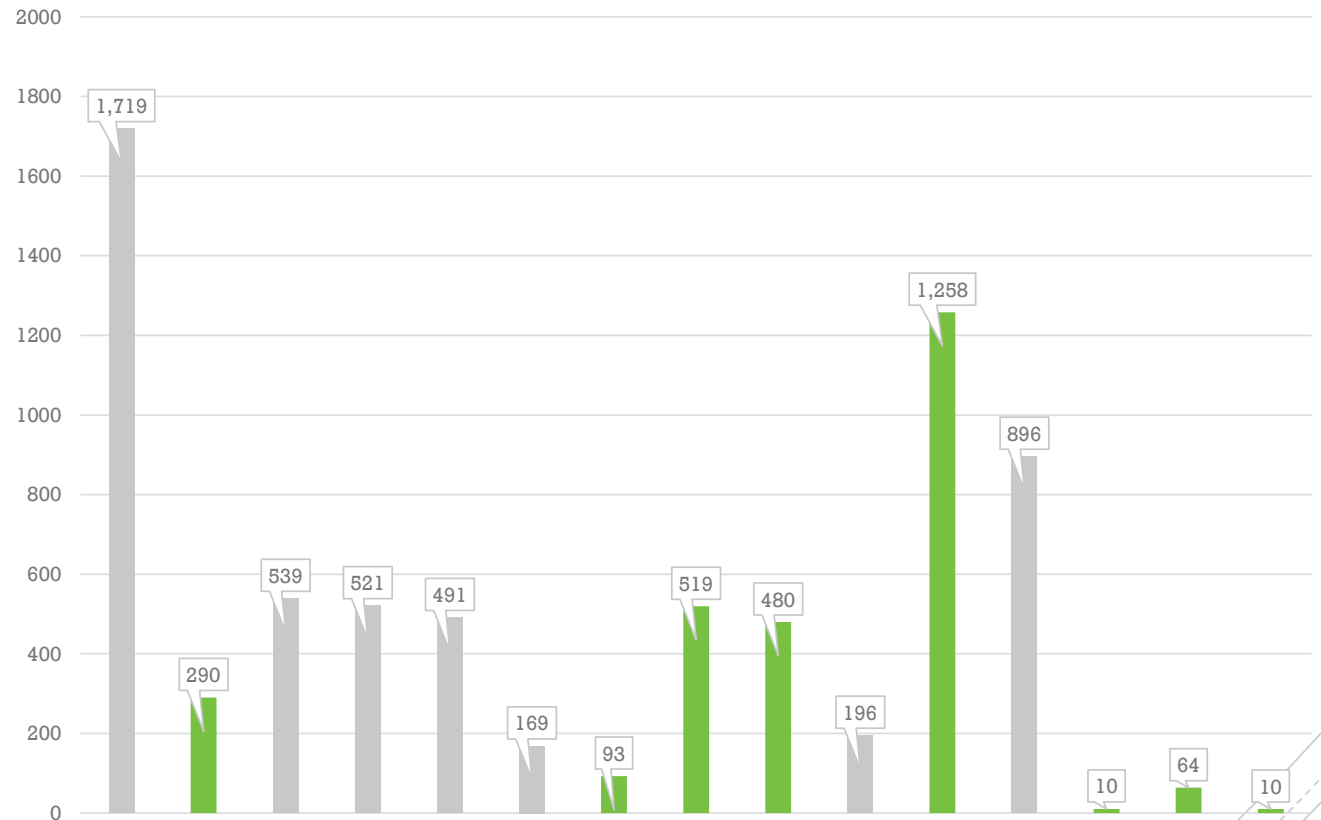
We live this game.



How players
consume video
is important

Hudl.com video viewing data – Silver Ferns team

Dates: 1/8/24 to 30/10/24



We live this game.



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Post-Tournament

Materials and Approaches

Silver Ferns - Performance Analysts (with learnings for S&C's)



Podcasts



- 2024 Taini Jamison Tr... ✓
- Game.01.NZL.v.AUS.A... ✓
- Game.01.NZL.v.ENG.A... ✓
- Game.02.NZL.v.AUS.A... ✓
- Game.02.NZL.v.ENG.... ✓
- Game.03.NZL.v.AUS.A... ✓
- Game.03.NZL.v.ENG.... ✓
- Game.04.NZL.v.AUS.... ✓
- History-making Silver ... ✓

* Notebook guide

Help me create

- FAQ
- Study Guide
- Table of Contents
- Timeline
- Briefing Doc

Summary

The provided sources detail the **2024 Taini Jamison Trophy Series** and the **2024 Constellation Cup**, two international netball competitions. The first source provides a general overview of the Taini Jamison Trophy Series, including the participating teams (New Zealand and England), match results, and broadcast information. The remaining sources offer detailed game-by-game analysis of the **New Zealand Silver Ferns** performances in both tournaments. These analyses include statistics such as the **average and median scores** of each player, as well as insights into **key factors** influencing the outcome of each match.

Audio Overview

Untitled notebook



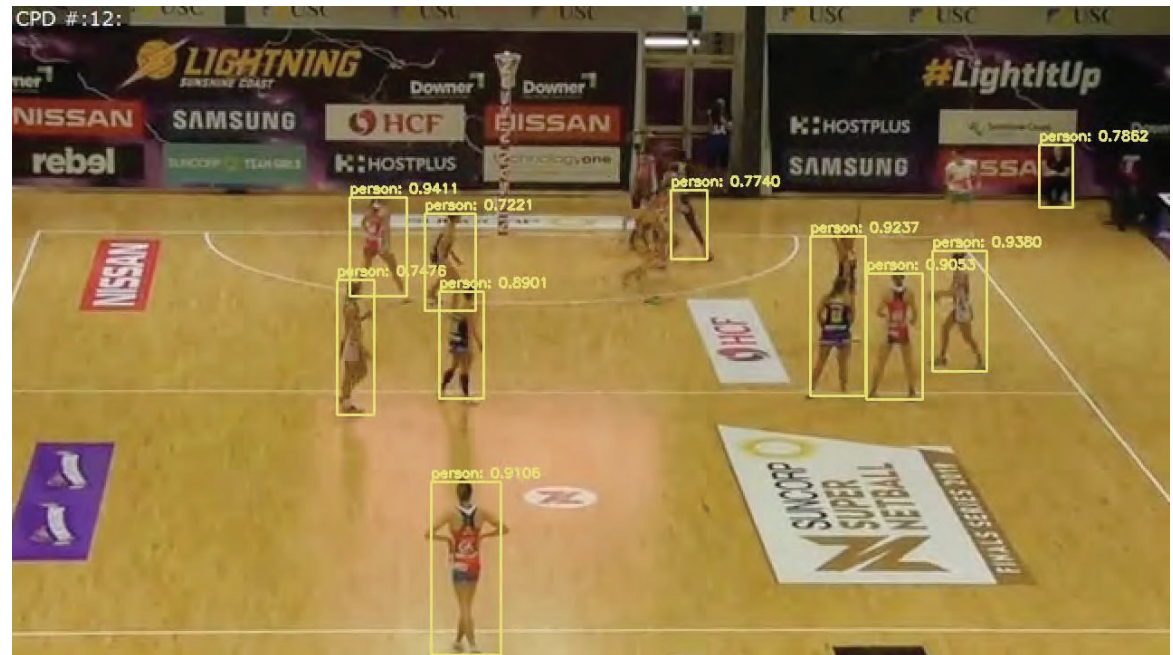
Suggested questions

- How does the performance of the New Zealand team compare to their past performances in the Constellation Cup?
- What are the key factors contributing to the success or failure of the New Zealand and England teams in the Taini Jamison Trophy Series?
- What are the tactical strategies and strengths of each team in the Constellation Cup and the Taini Jamison Trophy Series?

Notebook LM

USING CV in Sport

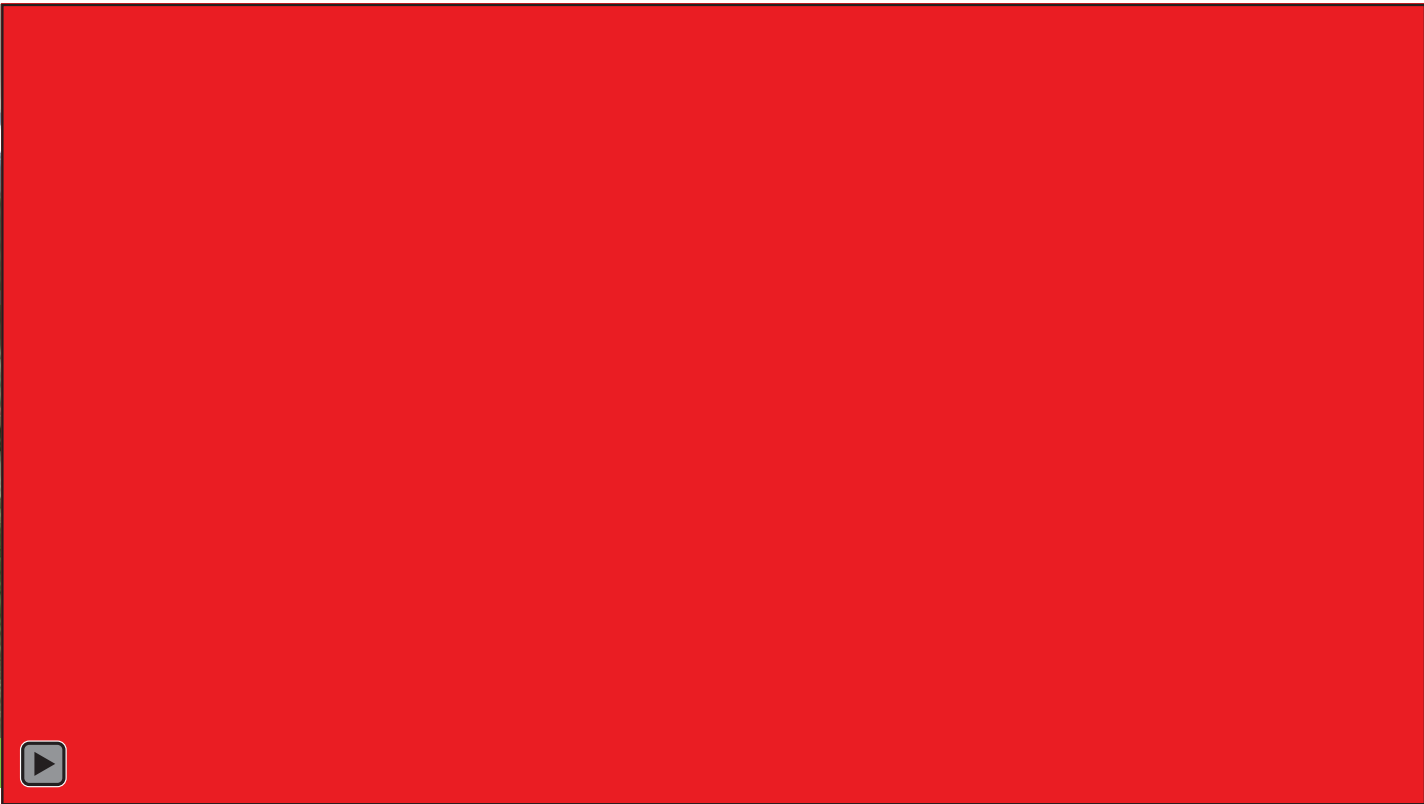
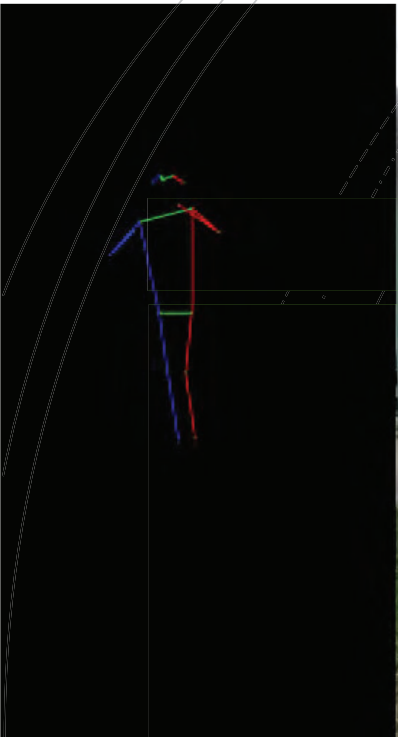
Yolo, Pose, SAM2 and ComfyUI



USING CV in Sport

Yolo, Pose, SAM2 and ComfyUI





Pose Estimation

CONCLUSIONS

- Pre tournament work in data and analysis lead to low in-tournament 'changes' in tactics, approaches and outcomes
- AI huge in assisting and streamlining processes
- New tech used pre/post with low distraction and high outcomes
- AI used as a tool not a wizard and was heavily trained by the expert, not used to be the expert