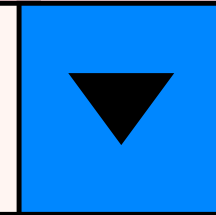




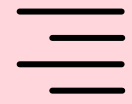
I watched over 180 minutes of Olympic powerplays so you don't have to



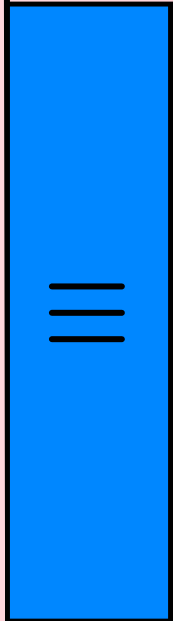
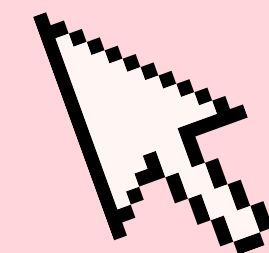
**B**

*I*

U



The  
Wo (man)  
Advantage





# HELLO



- Local Neighbourhood Primary School STEM Teacher
- Data Science Streamer
- Not in possession of a fancy title but Andrew Thomas told me I could write Pioneer





# WHAT MAKES A GOOD PP

- Clean Entry or Faceoff Win
- Crisp Cross Ice Passes
- Decentralize the Defensive Formation
- Move the Goalie
- Shot Attempts within 10 seconds










# THE META

(MOST EFFECTIVE  
TACTICS AVAILABLE)

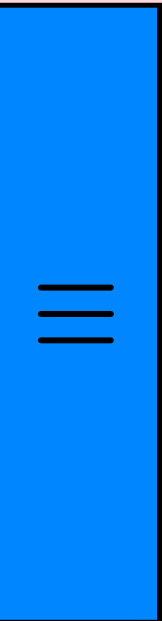
- 4 Forwards 1 Defender (Cane, 2017)
- 1 - 3 - 1 Structure
- Specific Positioning
- 3-4 Pass Setup









	Count	PPG	%	PP Time
	24	10	42%	38.01
	25	9	36%	37.13
	29	7	24%	50.29
	31	6	19%	52.53
	14	0	0%	21.16

# COUNTING STATS









	Faceoff W	Zone Entry	Play	Shot
	12	11	88	16
	6	16	120	22
	12	21	152	26
	15	22	154	11

\*based on a 4 game pbp data sample provided by Stathletes

# PBP OVERVIEW





	Faceoff W	Zone Entry	Play	Shot
	3.7	3.4	26.9	4.9
	0.6	1.5	11.6	2.1
	0.8	1.5	10.7	1.8
	1.0	1.5	10.8	0.8

\*based on a 4 game pbp data sample provided by Stathletes

# PBP OVERVIEW/ PP MINUTE





Average Passes

**Incomplete** n = 685

4.73



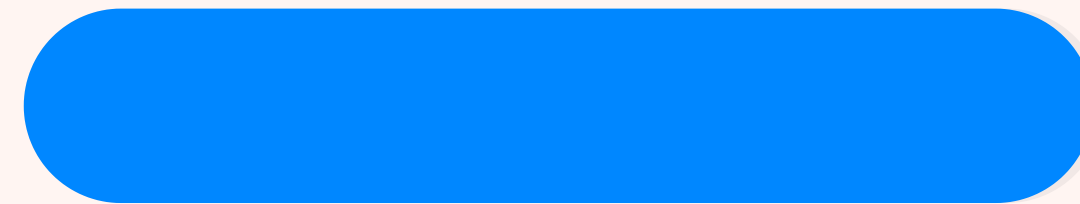
**Blocked** n = 301

4.47



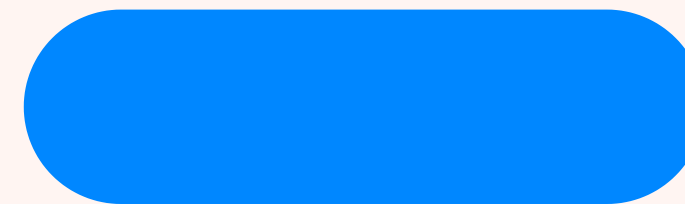
**Missed** n = 101

5.50



**On Net** n = 351

3.54




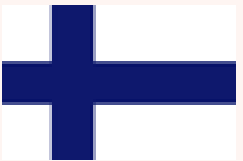
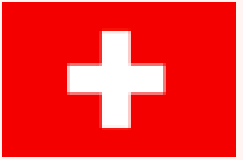



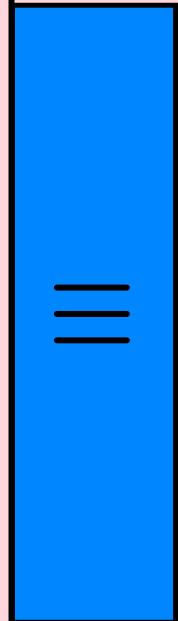


% of total sequences

% of remaining sequences

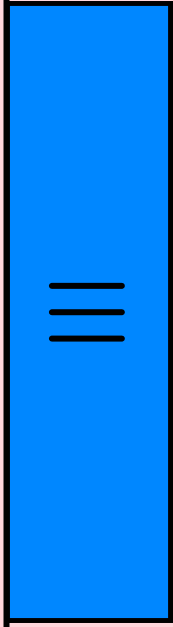
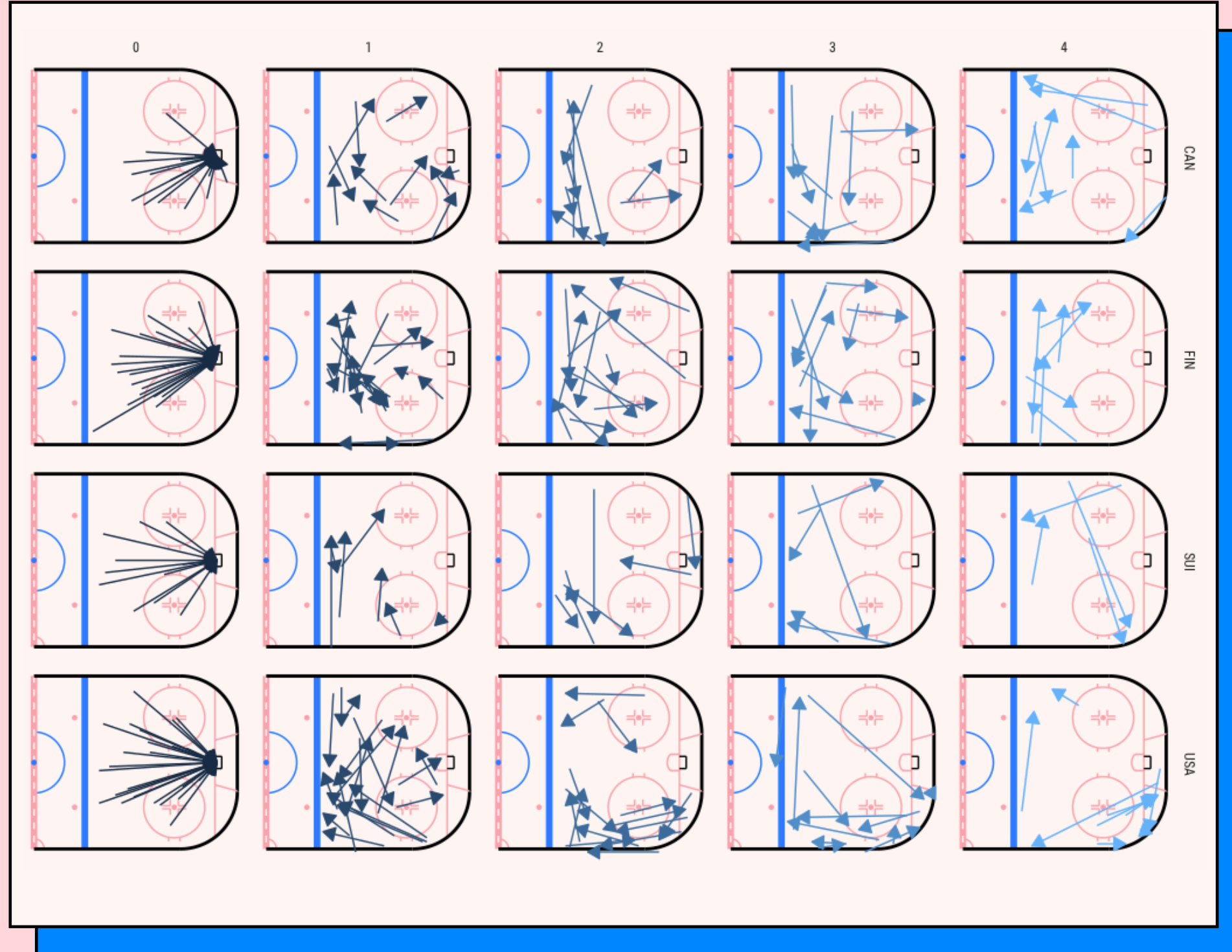
Incomplete    Blocked    Missed    On Net

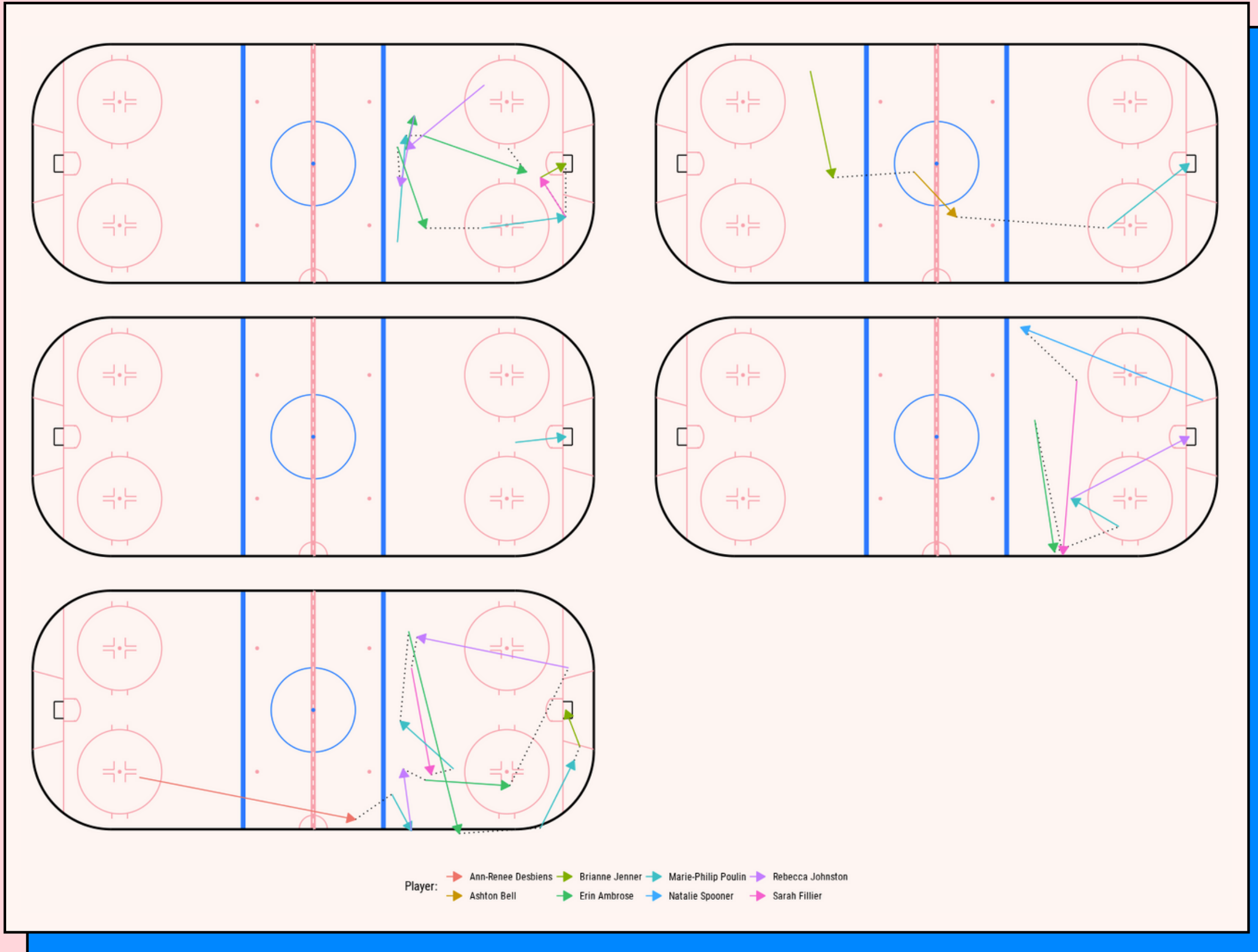
	87%	31%	13%	56%
	89%	27%	23%	50%
	93%	73%	0%	27%
	91%	42%	12%	46%





# PASSES REMOVED





# PRE-PASS MOVEMENT

Canada - #1 Power Play Unit  
(Ambrose, Fillier, Jenner, Johnston, Poulin)



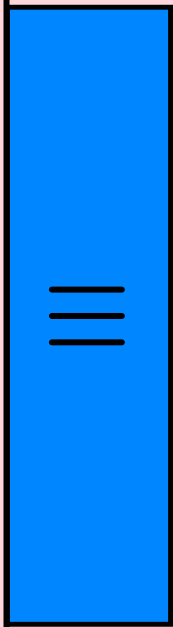


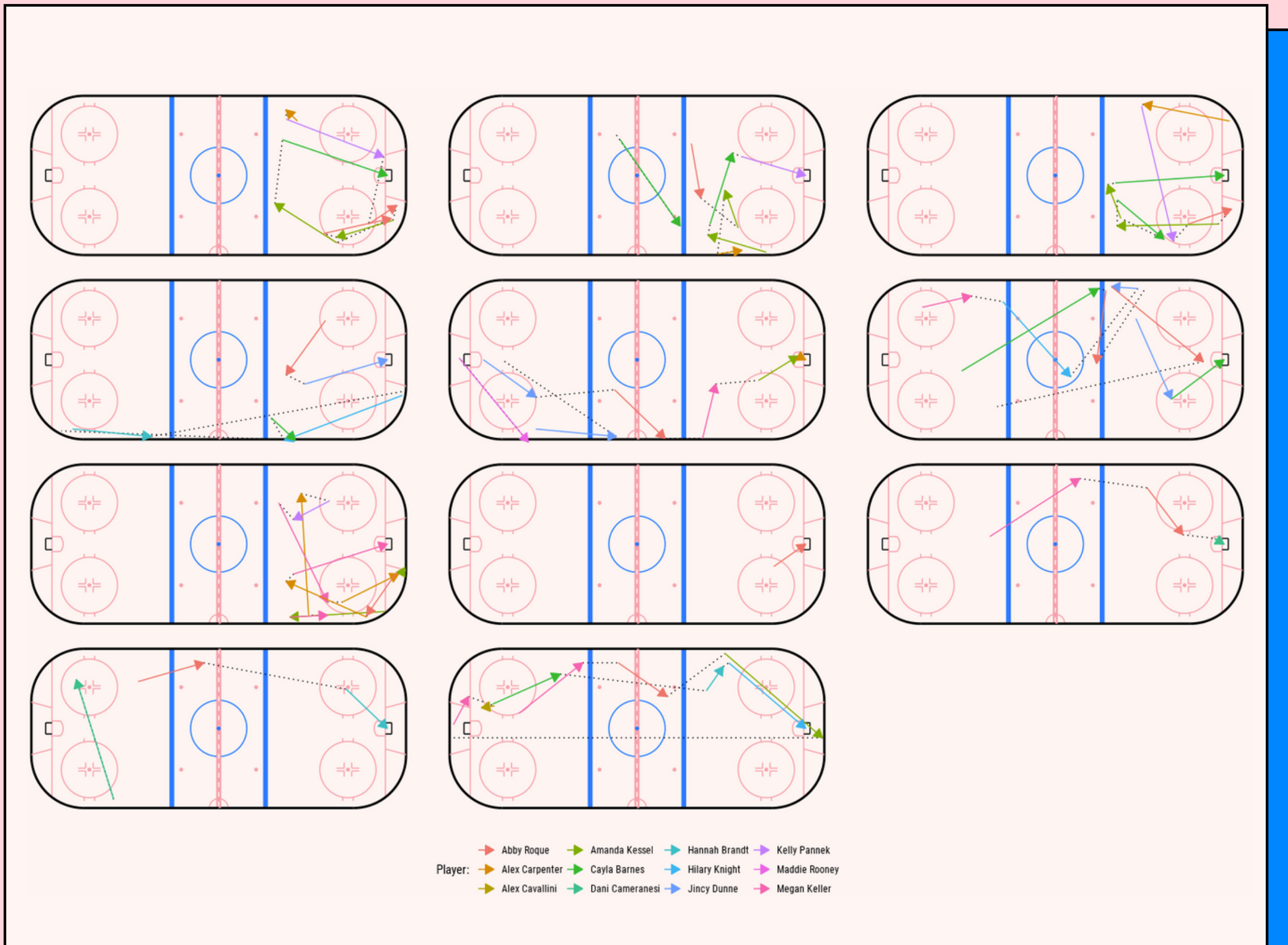
Player:

→ Abby Roque	→ Amanda Kessel	→ Hannah Brandt	→ Kelly Pannek
→ Alex Carpenter	→ Cayla Barnes	→ Hilary Knight	→ Maddie Rooney
→ Alex Cavallini	→ Dani Cameranesi	→ Jincy Dunne	→ Megan Keller

# PRE-PASS MOVEMENT

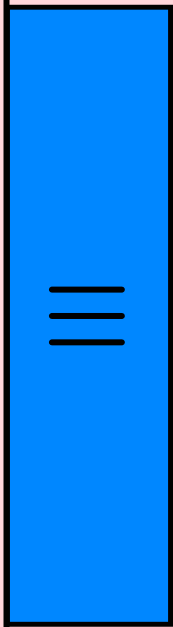
USA - #1 Power Play Unit  
(roll a dice, literally just roll a dice)





# PRE-PASS MOVEMENT

USA - #1 Power Play Unit  
(roll a dice, literally just roll a dice)



# WHAT NEXT?

## **BDC TRACKING DATA**

1. Dive more into Specific Player Positioning + Player Impact Zones

## **PAIRING WITH VIDEO/ANIMATION**

2. I really wanted to include video in this talk but I am very scared of the IOC





# BIG DATA CUP PROJECT IDEAS

(YOU CAN STEAL THESE)

- The use of space in regards to Special Teams
- Common play paths and their effectiveness
- Player Positioning Trends and Habits





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# Thank You For Listening

**Do you have any questions for me?**

