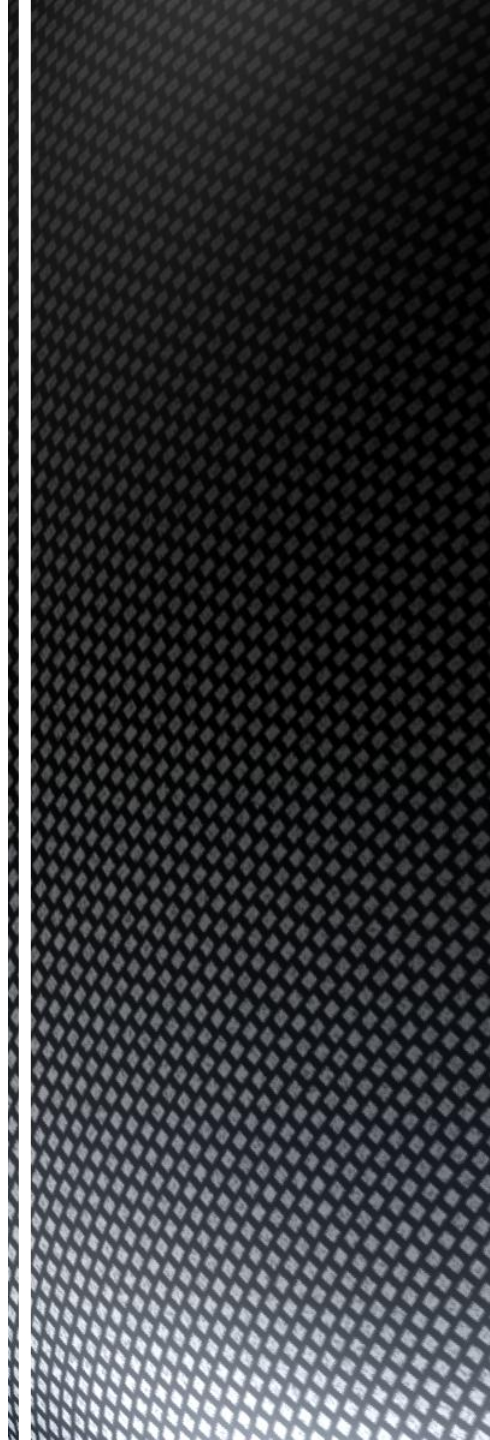


# Context and Change

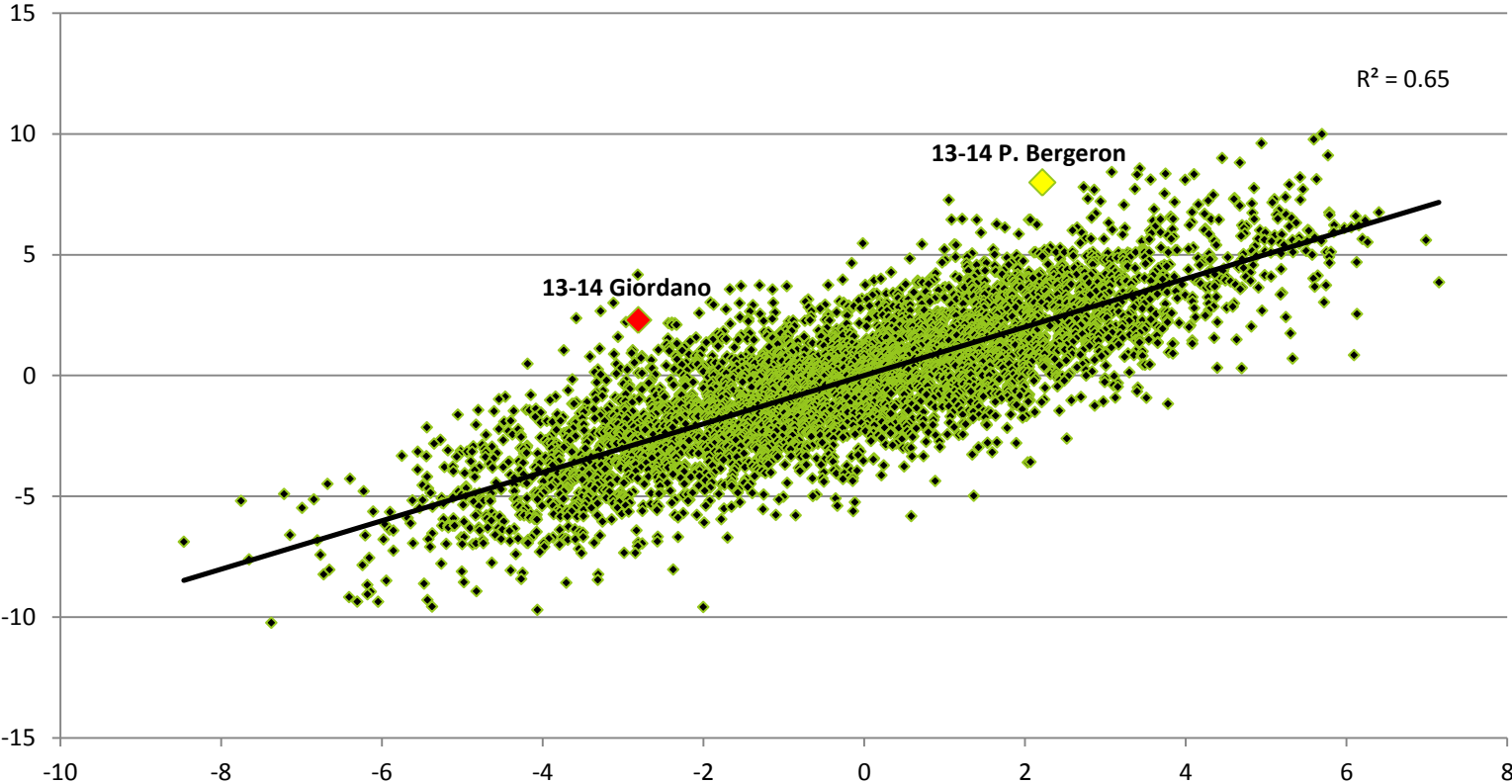
Tracking Shifts in Context and  
Impacts on Results



# dCorsi / Usage Adjustment

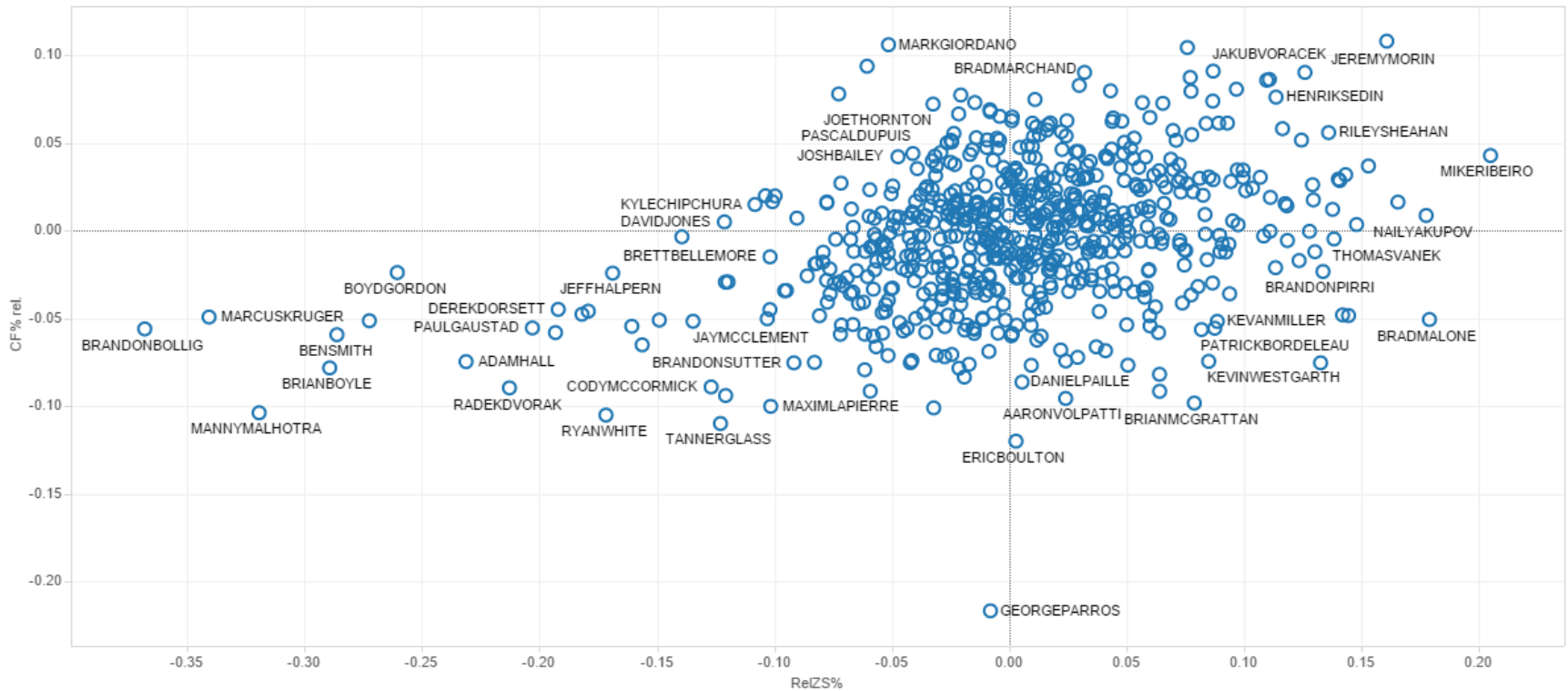
We can account for context and explain approximately 65% of possession

### Expected Corsi 20 vs. Observed Corsi 20



# Contextual Factors

Zone Starts  
TOI  
Quality of Team  
Quality of Opposition



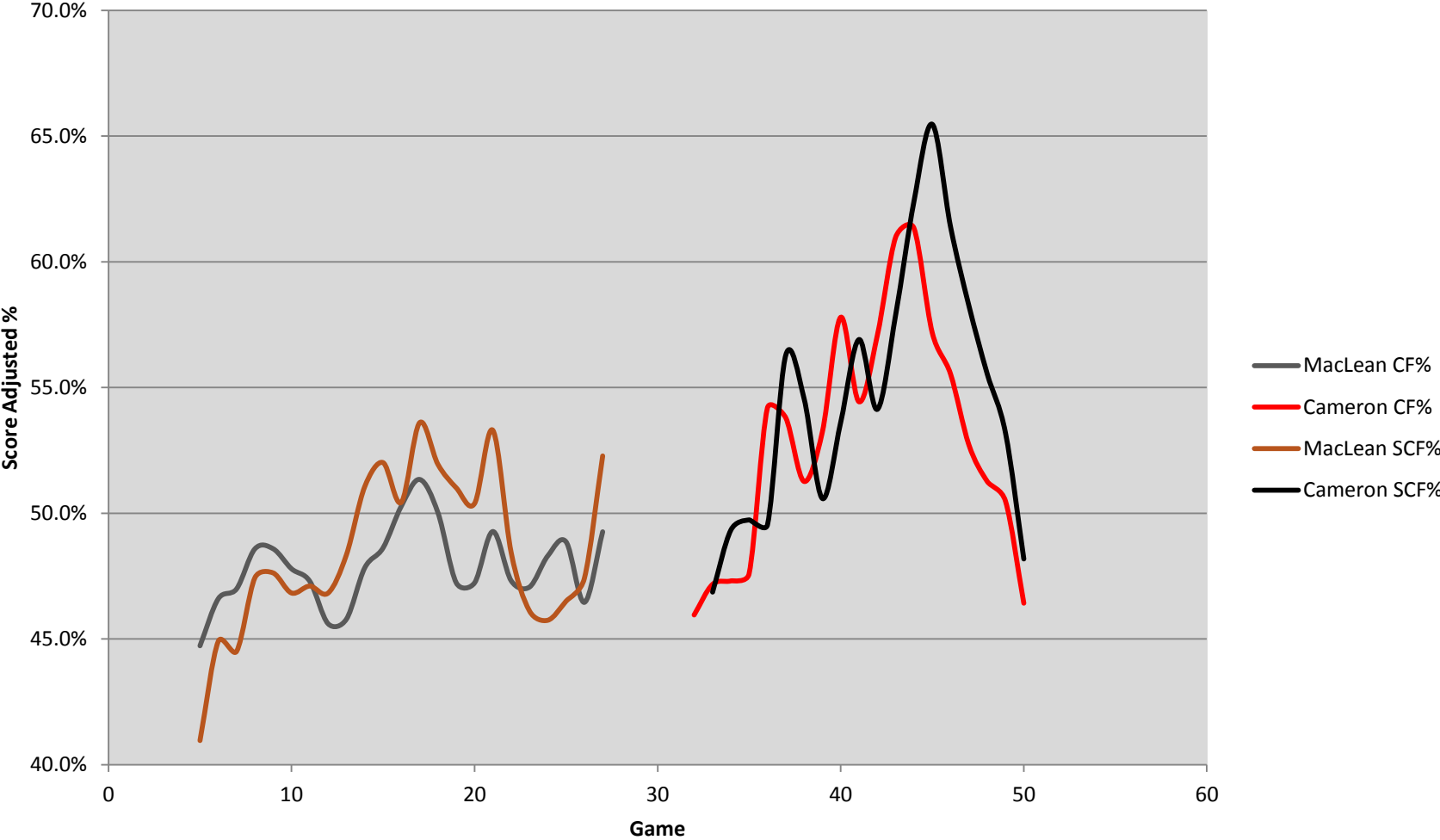
# How do we account for Coaching / System Effects?

1. Team Season Analysis

2. Investigate Coaching Change Impacts

# 2014-15 Ottawa Senators

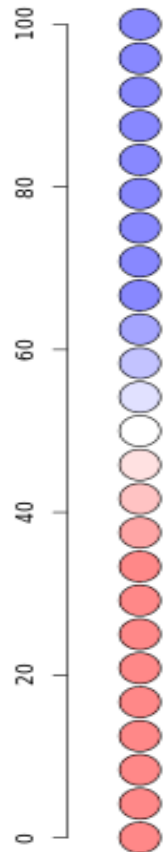
## 5 GP Rolling Score Adjusted CF% and SCF%



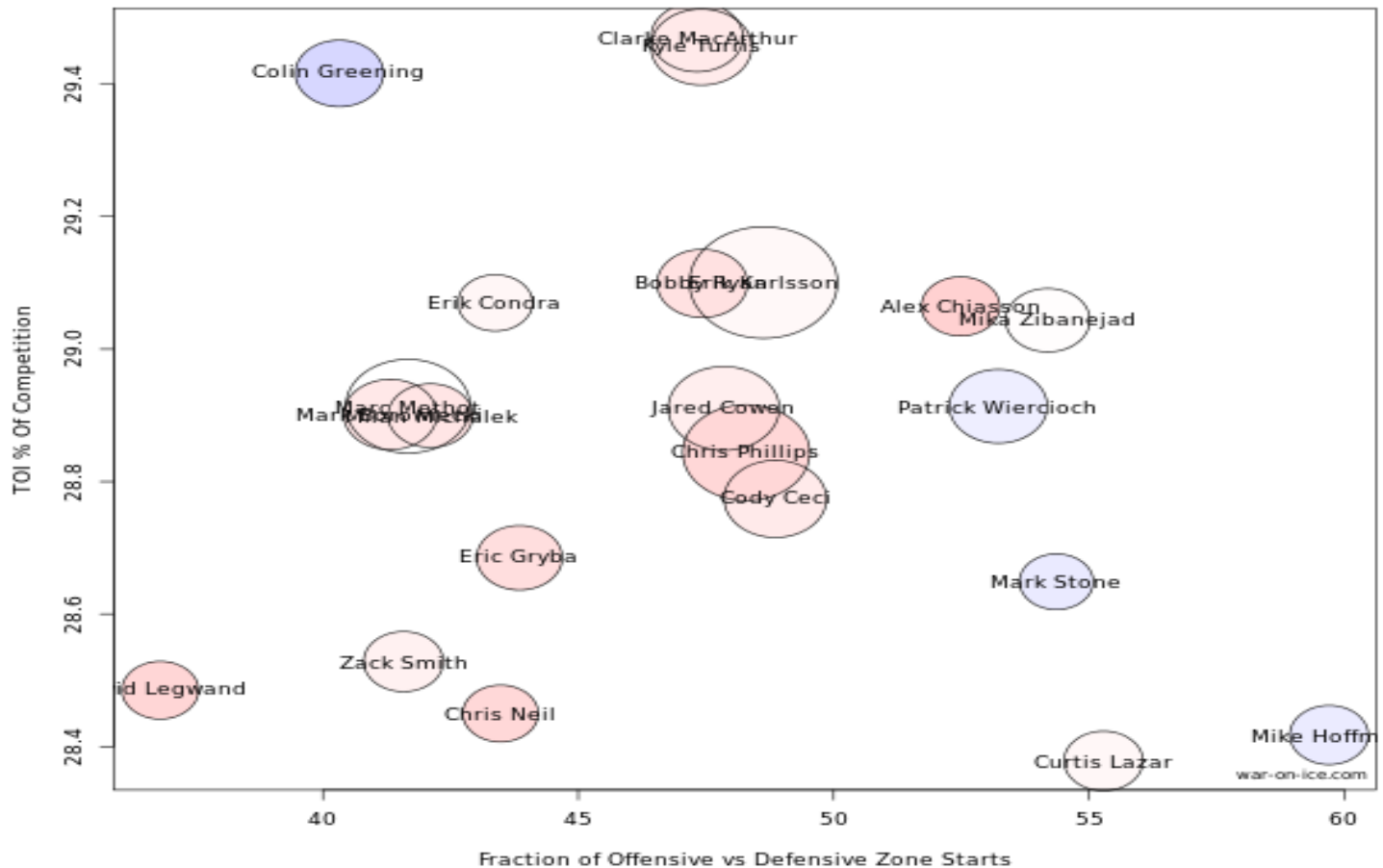
# Do Changes in Player Usage and Roles Drive Possession Shifts?

## Player Usage under MacLean

Corsi For Percentage c

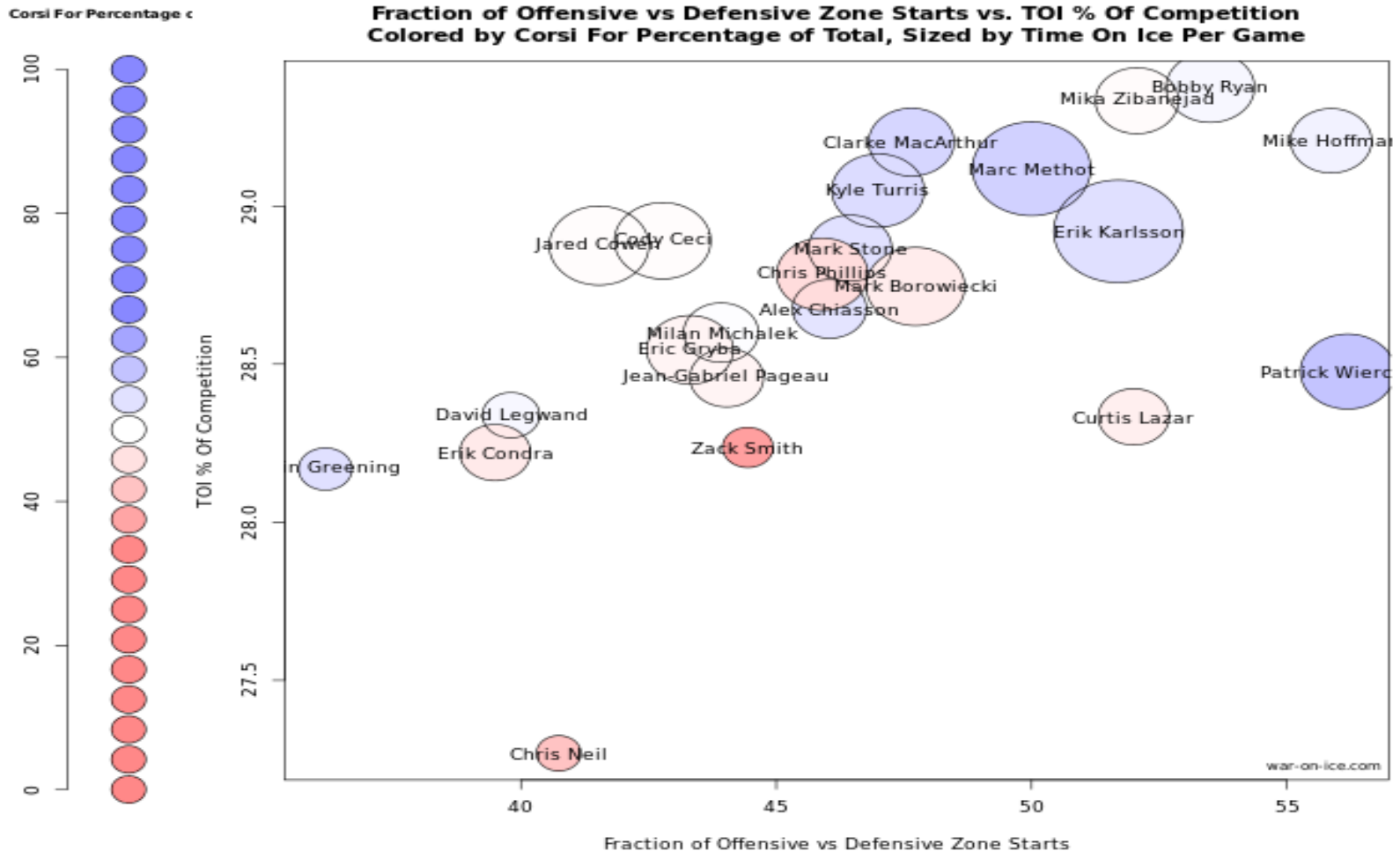


Fraction of Offensive vs Defensive Zone Starts vs. TOI % Of Competition  
Colored by Corsi For Percentage of Total, Sized by Time On Ice Per Game



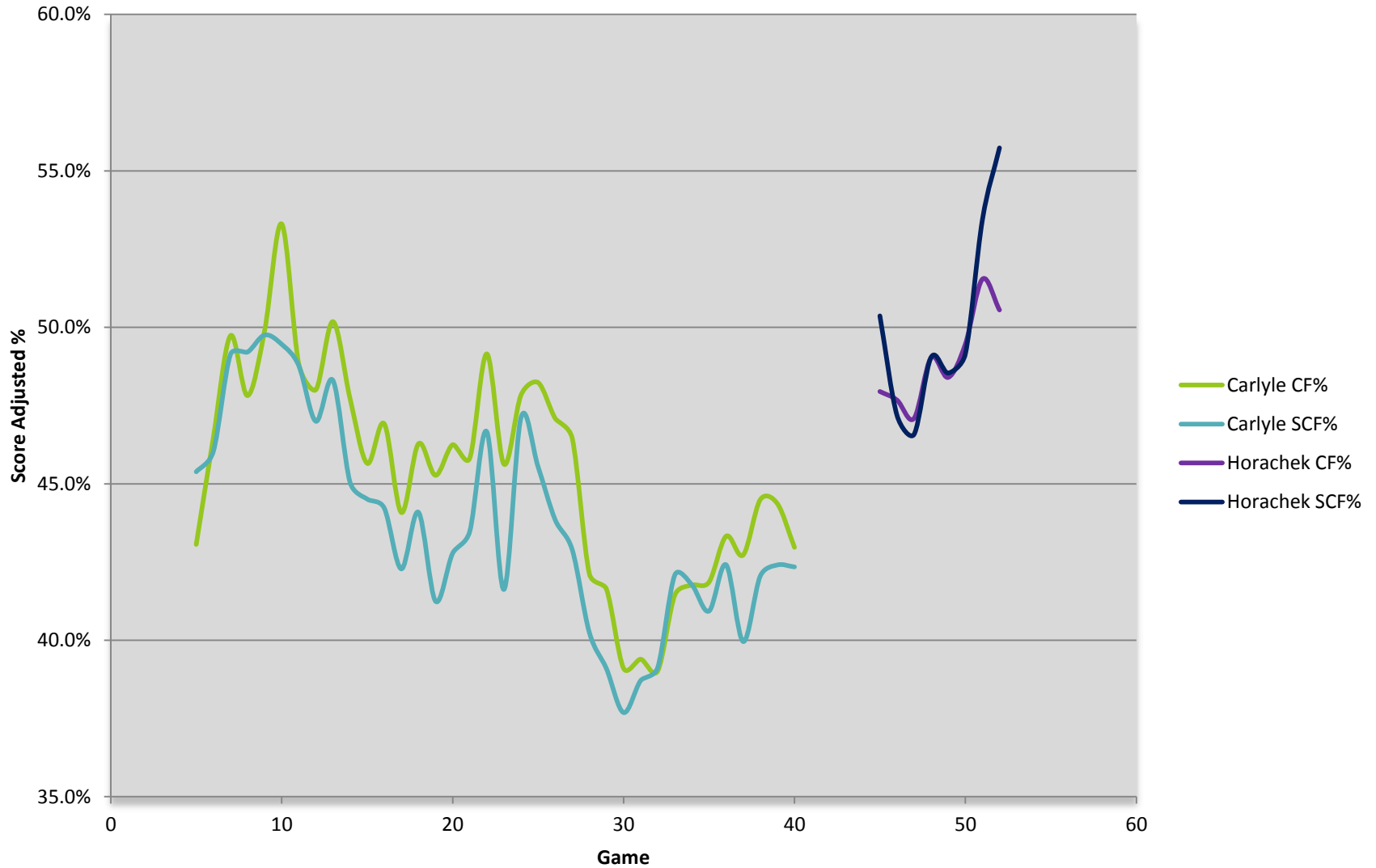
# Do Changes in Player Usage and Roles Drive Possession Shifts?

## Player Usage under Cameron



# 2014-15 Toronto Maple Leafs

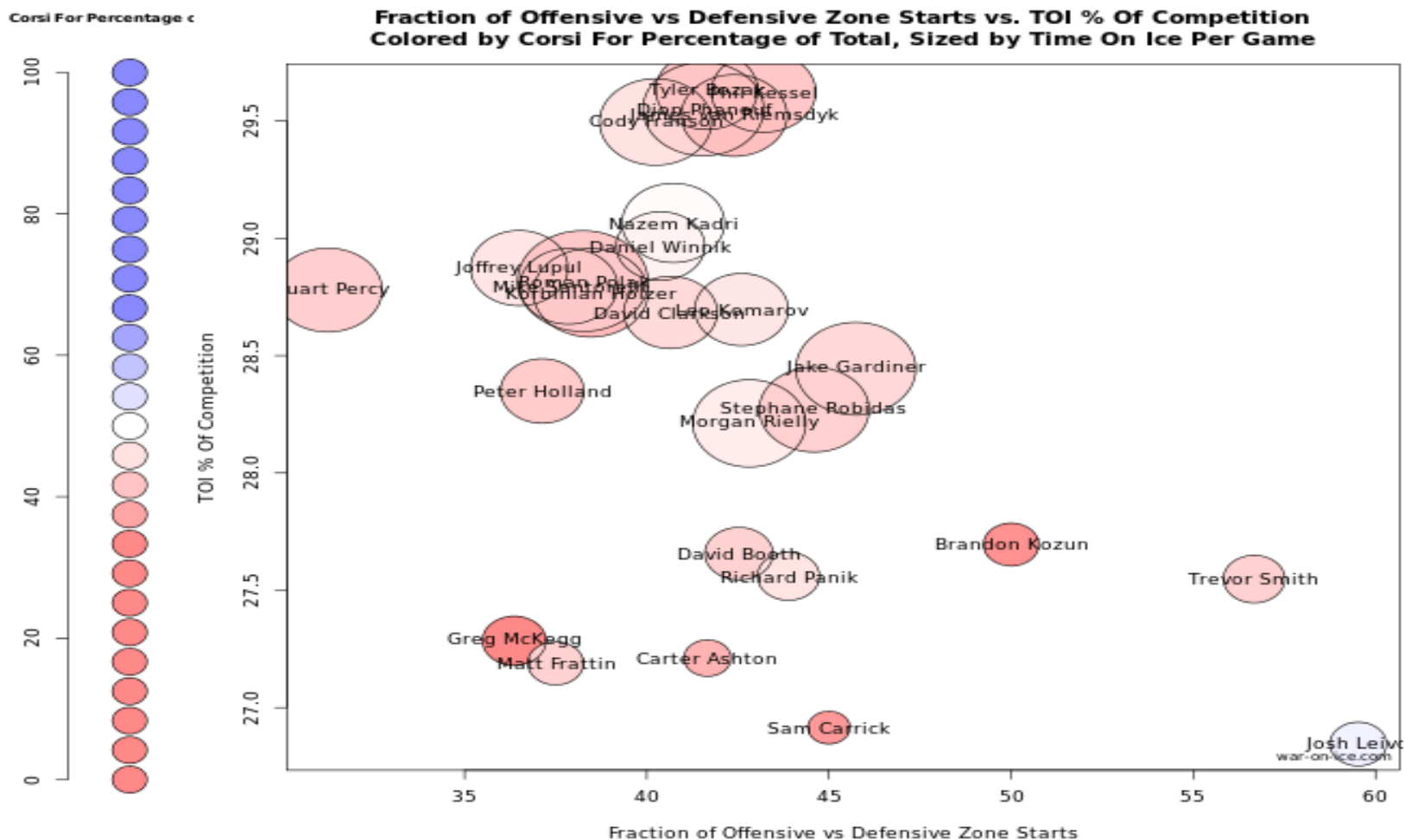
## 5 GP Rolling Score Adjusted CF% and SCF%





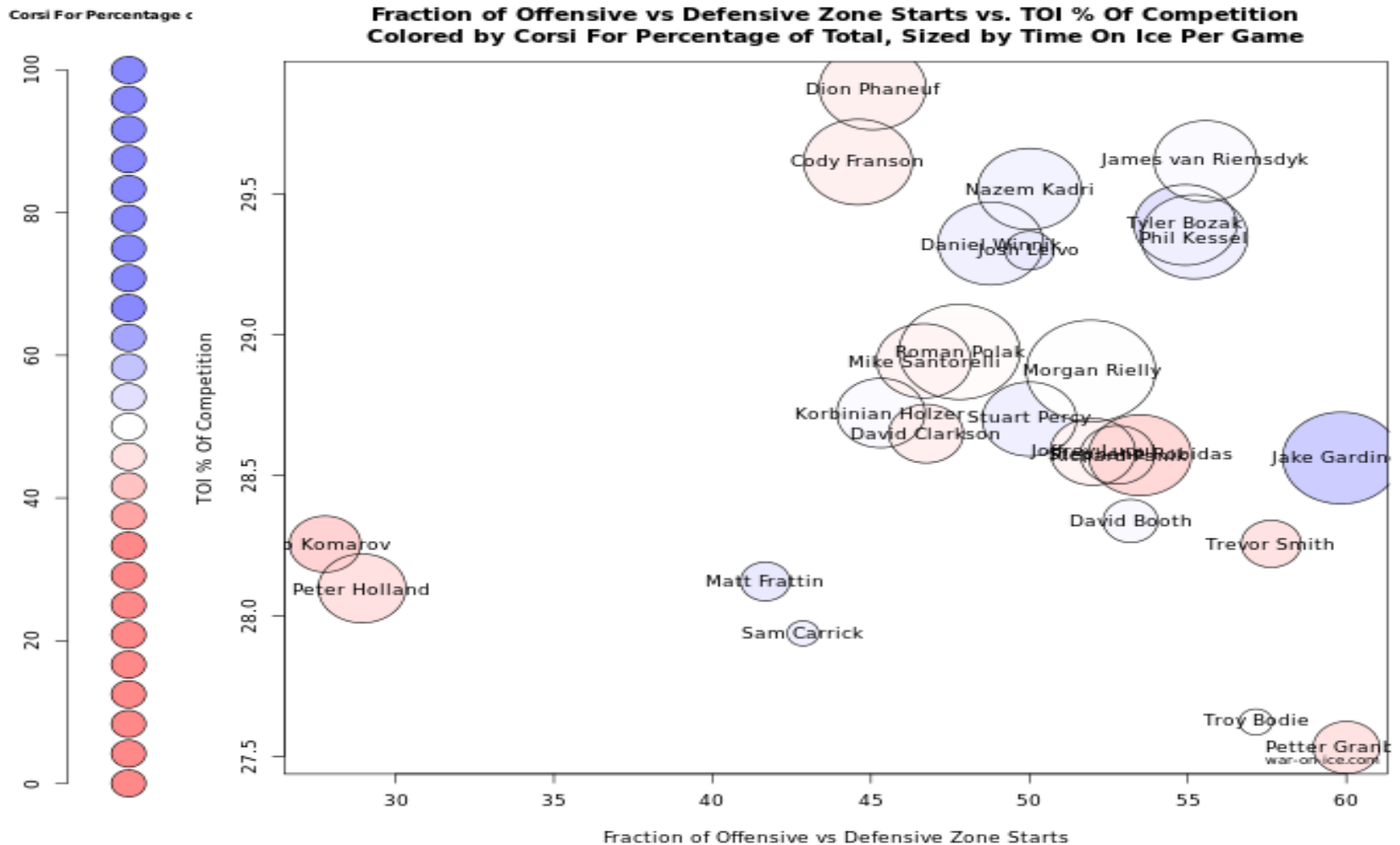
# Or Do Changes in Tactics Drive Changes In Usage Options?

## Player Usage under Carlyle



# Or Do Changes in Tactics Drive Changes In Usage Options?

## Player Usage under Horachek



Name	pos	Carlyle iSC60	Horachek iSC60	Diff	Carlyle SCF %	Horachek SCF %	Diff
Richard.Panik	RL	5.79	9.86	<b>4.07</b>	43.1 %	51.3 %	<b>8.2 %</b>
Daniel.Winnik	C	5.62	7.28	<b>1.67</b>	45.8 %	57.0 %	<b>11.2 %</b>
Dion.Phaneuf	D	2.33	3.90	<b>1.57</b>	42.3 %	46.1 %	<b>3.8 %</b>
Mike.Santorelli	RC	7.37	8.43	<b>1.07</b>	42.7 %	52.8 %	<b>10.1 %</b>
Korbinian.Holzer	D	0.98	1.88	<b>0.89</b>	40.1 %	53.1 %	<b>13.0 %</b>
Roman.Polak	D	1.96	2.75	<b>0.80</b>	40.7 %	49.3 %	<b>8.6 %</b>
Leo.Komarov	LR	5.19	5.93	<b>0.74</b>	47.6 %	45.6 %	<b>-2.0 %</b>
Jake.Gardiner	D	2.84	3.37	<b>0.53</b>	44.9 %	58.6 %	<b>13.7 %</b>
Nazem.Kadri	C	9.14	9.65	<b>0.51</b>	48.1 %	51.5 %	<b>3.4 %</b>
Cody.Franson	D	0.95	0.80	<b>-0.15</b>	45.2 %	43.9 %	<b>-1.3 %</b>
Trevor.Smith	CL	4.25	4.01	<b>-0.24</b>	44.1 %	50.5 %	<b>6.4 %</b>
Stephane.Robidas	D	1.45	0.94	<b>-0.51</b>	41.9 %	55.7 %	<b>13.8%</b>
Peter.Holland	C	5.26	4.72	<b>-0.53</b>	39.1 %	54.3 %	<b>15.2 %</b>
James.van.Riemsdyk	L	11.18	10.13	<b>-1.05</b>	41.2 %	44.8 %	<b>3.6 %</b>
David.Clarkson	R	7.95	6.56	<b>-1.38</b>	44.3 %	55.7 %	<b>11.4 %</b>
Morgan.Rielly	D	4.09	2.55	<b>-1.53</b>	45.3 %	48.9 %	<b>3.6 %</b>
David.Booth	LR	7.30	5.22	<b>-2.08</b>	40.1 %	41.7 %	<b>1.6 %</b>
Tyler.Bozak	C	6.29	3.99	<b>-2.30</b>	42.5 %	47.5 %	<b>5.0 %</b>
Phil.Kessel	R	9.60	6.58	<b>-3.02</b>	43.3 %	40.5 %	<b>-2.8 %</b>

Scoring Chance Type	Carlyle		Horachek		% Change
Med Shot	570	44.0%	152	48.4%	4.4%
Med Rush	69	5.3%	13	4.1%	-1.2%
Med Reb	22	1.7%	6	1.9%	0.2%
High Shot	512	39.5%	125	39.8%	0.3%
High Rush	50	3.9%	7	2.2%	-1.6%
High Reb	73	5.6%	11	3.5%	-2.1%