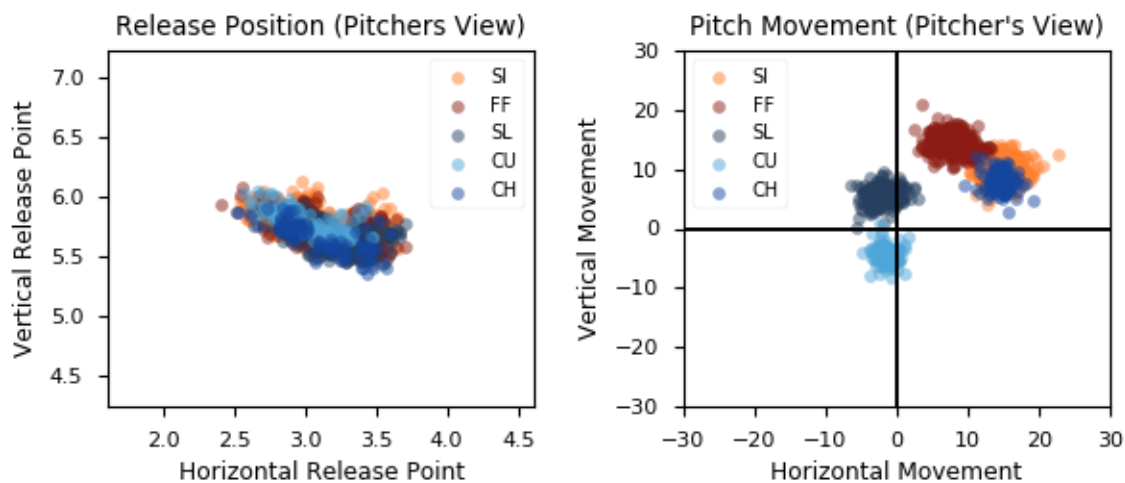
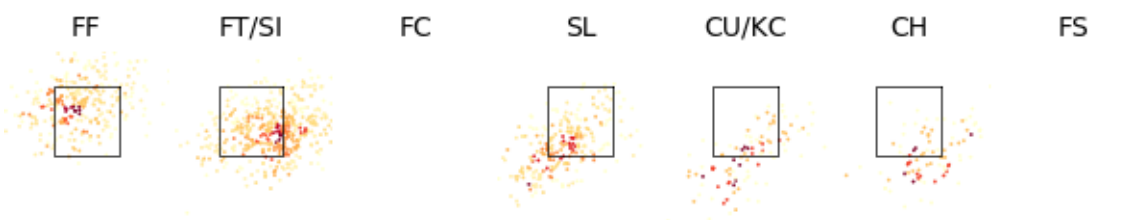


Pitch Profile for Joe Ross

2019-3-28 to 2019-9-30



Pitch Locations (Pitcher's View)



Pitch Type	% Thrown	Velocity	Spin Rate	Horizontal Break	Vertical Break	Tilt	Spin Eff.	Whiff Rate
SI	38.0	94.0	2092.0	14.5	10.1	1:57	74.4	12.6
FF	24.9	94.1	2150.0	7.7	14.4	1:00	60.3	21.3
SL	20.7	88.0	1933.0	-2.0	5.6	9:38	13.5	28.9
CU	9.0	81.3	2106.0	-1.5	-4.4	6:29	14.8	31.2
CH	7.6	87.9	1690.0	14.5	7.9	2:11	79.3	26.3

Pitch Type	% Thrown	Weak%	Topped%	Under%	Burner%	Solid%	Barrel%	HardHit%
SI	38.0	2.2	51.1	21.1	20.0	3.3	2.2	34.4
FF	24.9	2.9	23.5	29.4	20.6	8.8	14.7	41.2
SL	20.7	6.1	30.6	22.4	28.6	6.1	6.1	38.8
CU	9.0	8.3	25.0	25.0	16.7	8.3	16.7	25.0
CH	7.6	0.0	18.8	18.8	43.8	6.2	12.5	31.2