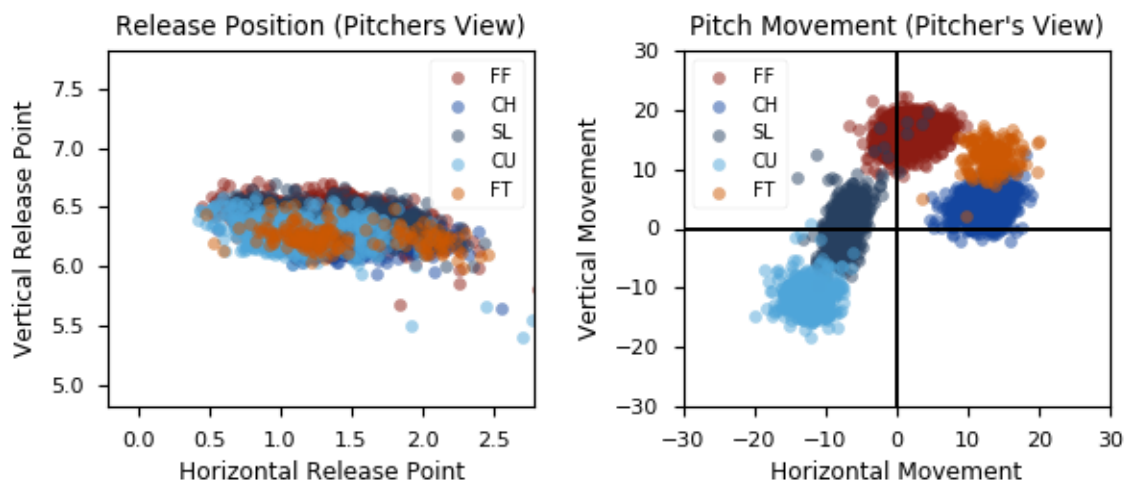
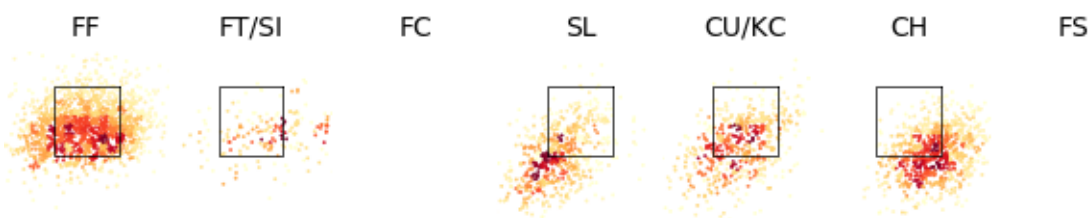


Pitch Profile for Zack Greinke

2019-3-28 to 2019-10-25



Pitch Locations (Pitcher's View)



Pitch Type	% Thrown	Velocity	Spin Rate	Horizontal Break	Vertical Break	Tilt	Spin Eff.	Whiff Rate
FF	40.7	89.9	2328.0	2.0	16.6	2:30	51.9	16.4
CH	21.8	87.4	1786.0	12.6	3.9	2:45	50.6	24.6
SL	16.6	83.8	2515.0	-7.1	0.9	8:45	17.5	21.9
CU	14.7	70.7	2448.0	-12.5	-11.4	7:30	54.9	26.1
FT	5.0	90.4	2255.0	13.3	12.1	1:45	65.7	7.0

Pitch Type	% Thrown	Weak%	Topped%	Under%	Burner%	Solid%	Barrel%	HardHit%
FF	40.7	3.4	22.4	34.6	23.9	5.9	9.8	40.5
CH	21.8	1.3	54.5	9.7	22.1	6.5	5.8	32.5
SL	16.6	8.5	33.3	15.5	30.2	8.5	3.9	34.9
CU	14.7	2.7	33.6	34.5	20.0	4.5	4.5	20.0
FT	5.0	0.0	45.7	8.6	28.6	2.9	14.3	42.9