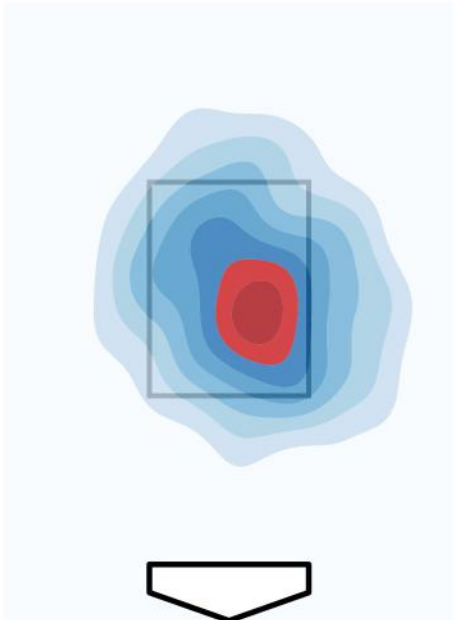
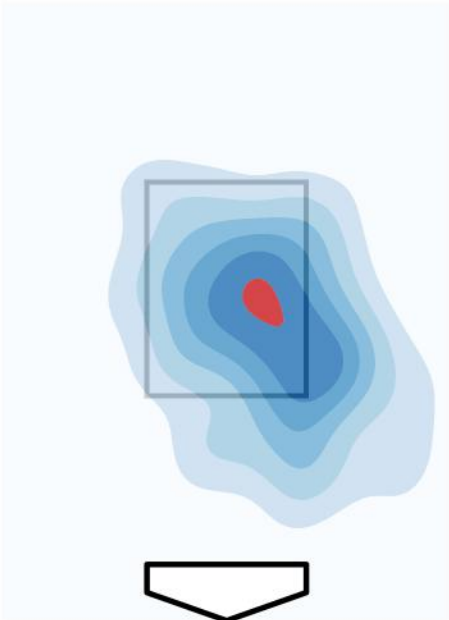


Pitch Location

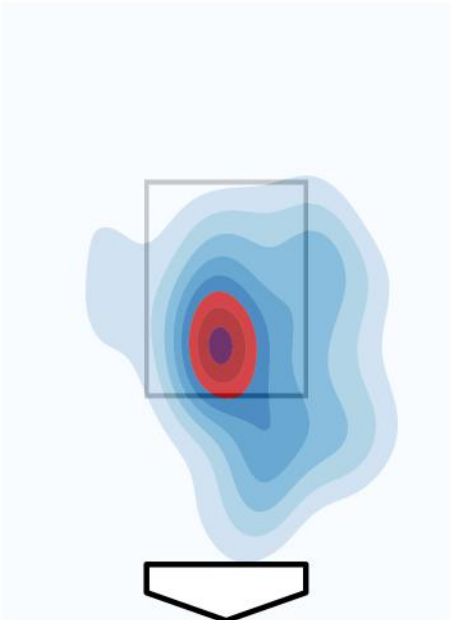
Fastball



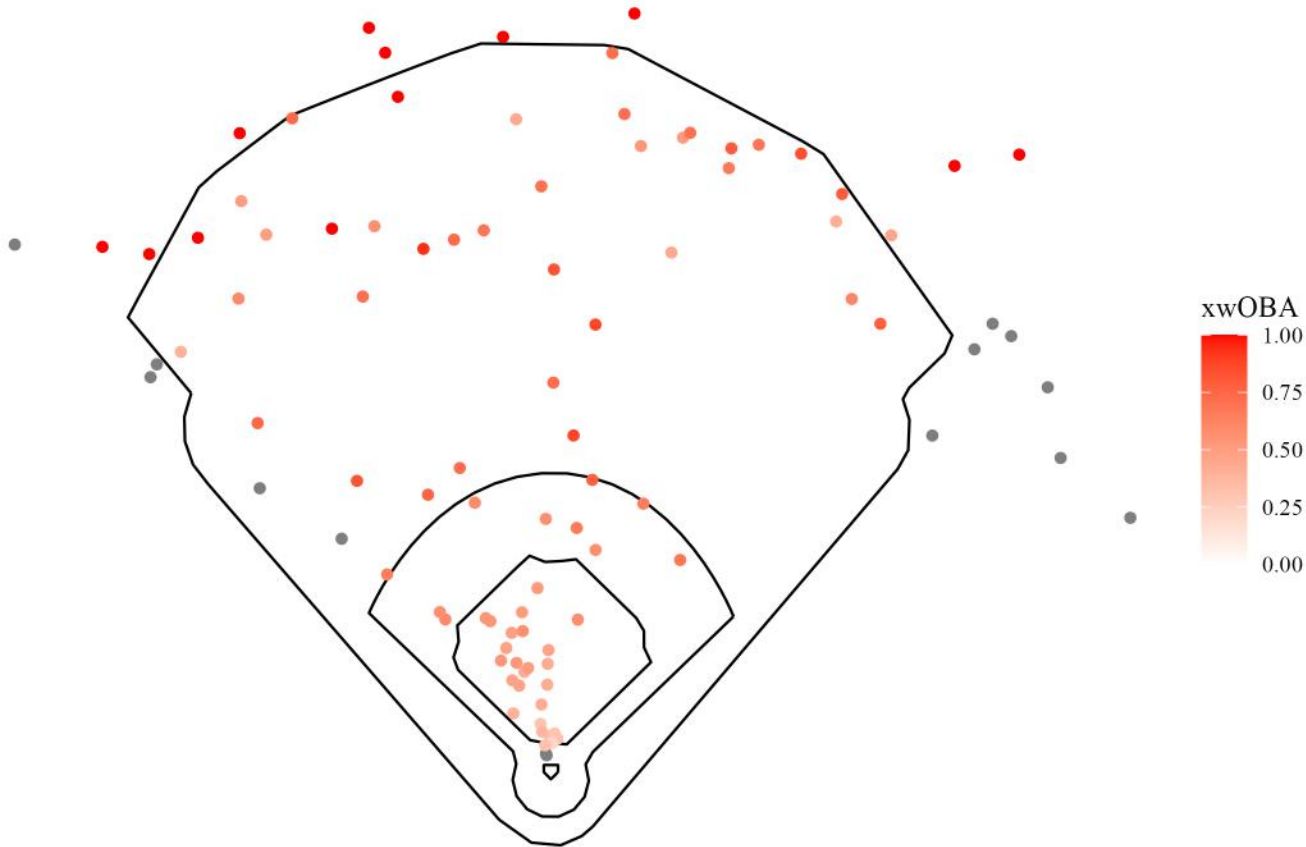
Breaking



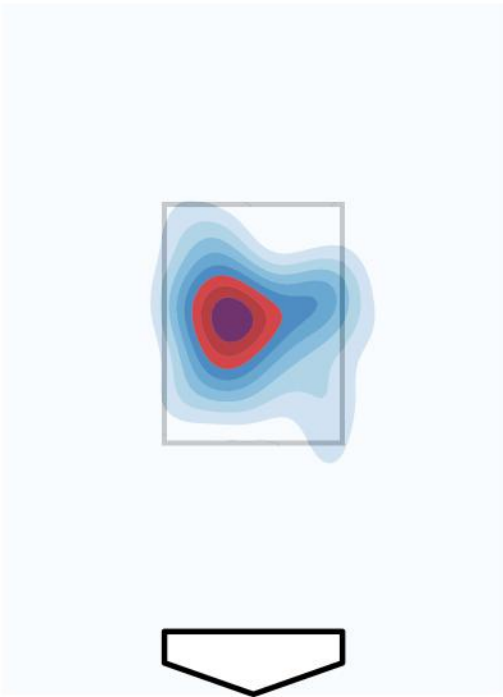
Offspeed



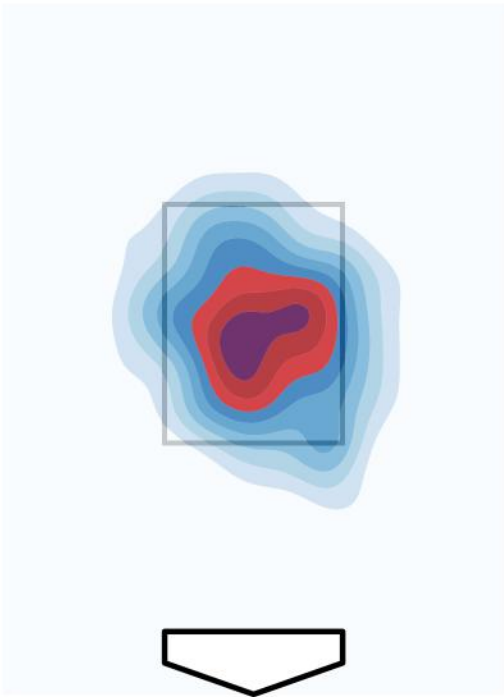
Hard Hit Spray Chart



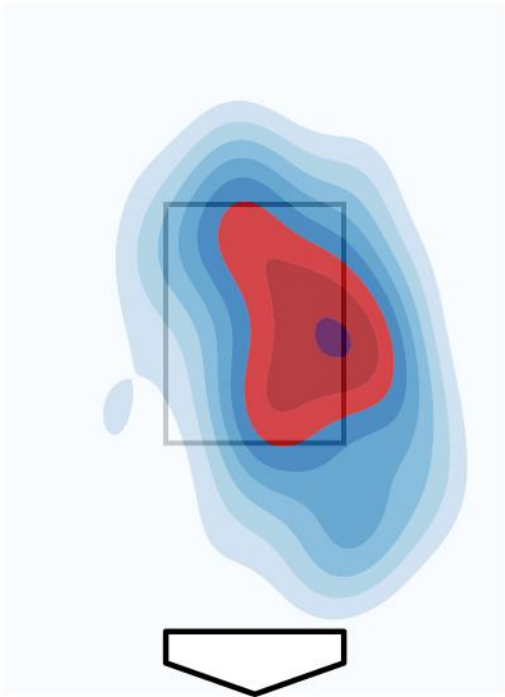
Barrels



Swings



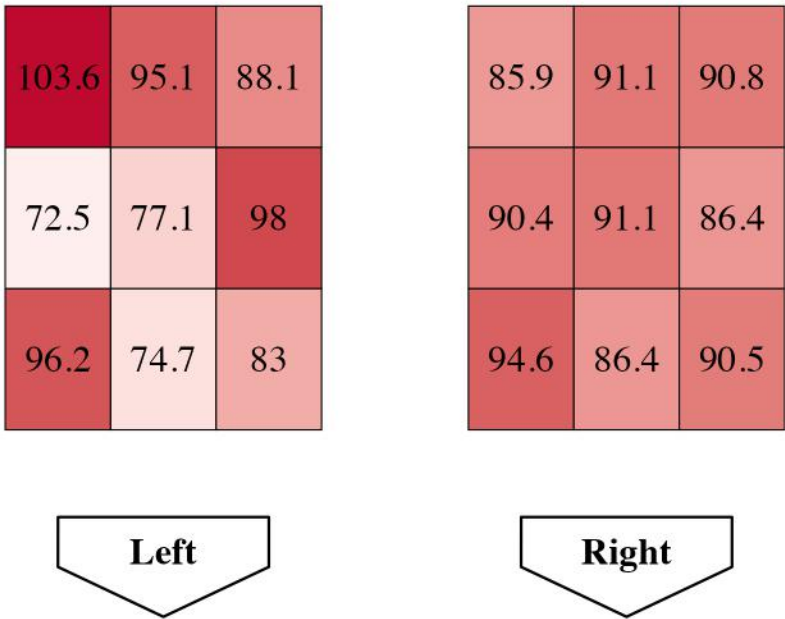
Whiffs



Metrics

DECISIONS						EXIT VELO		
Hrt Swg	Hrt Whf	Edge Swg	Edge Whf	Chase	2K Chase	HH LA	HH/Swg	HH%
66%	10%	57%	10%	20%	30%	12.5°	19%	38%
CONTACT					BALL FLIGHT			
Contact	FB IZM	OS IZM	Hrt BIP	GB	LD	FB	POP	LA 10-30
49%	5%	8%	37%	42%	32%	20%	6%	31%

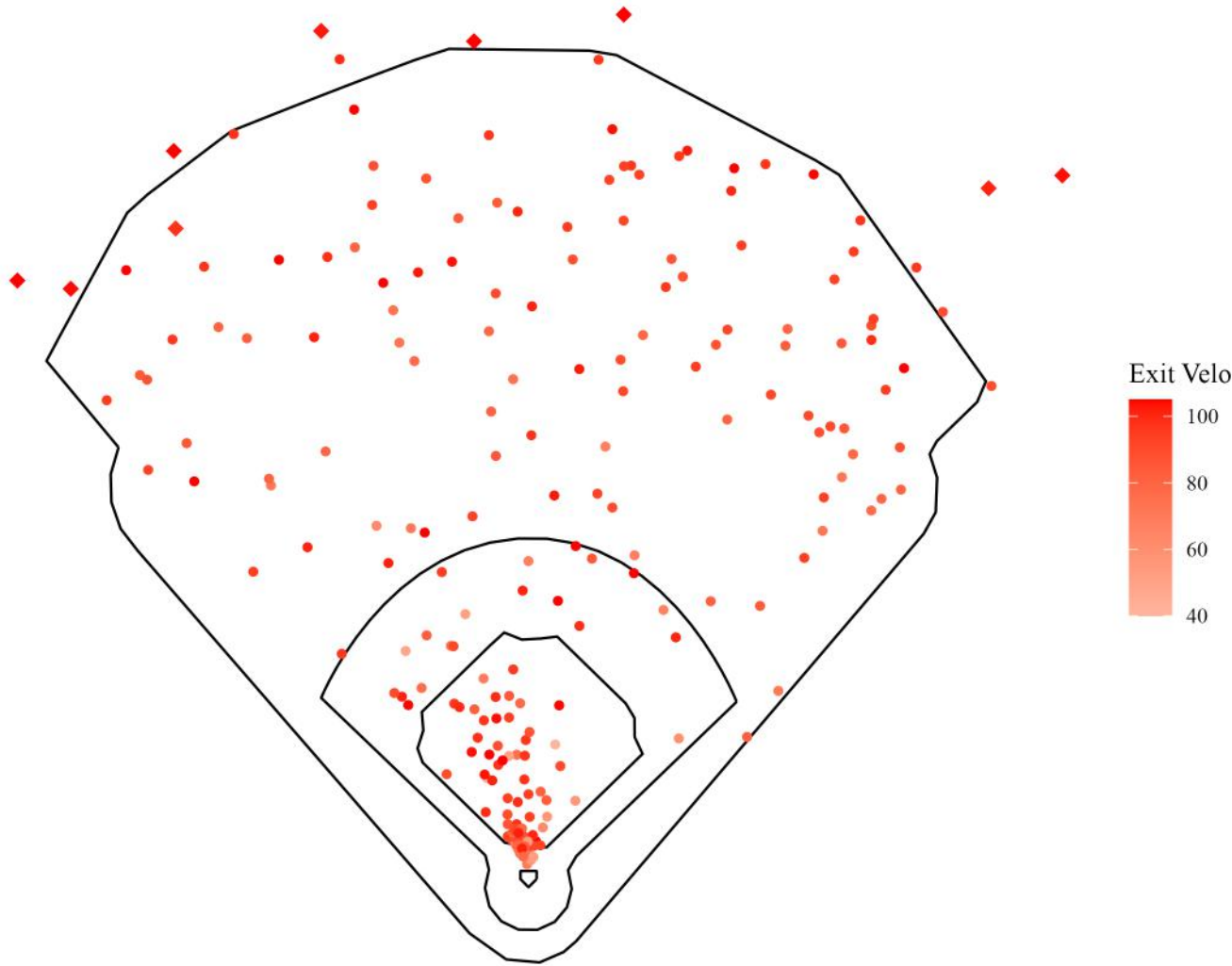
Splits: Pitch Zone Exit Velo



Splits: Pitch Zone AVG



Exit Velocity Spray Chart



Splits: Pitch Type (RHP)

Pitch	PA	AVG	OBP	SLG	OPS	xwOBA	Whiff%	HH%	Barrel%	Avg EV	EV Range
Fastball	161	0.346	0.460	0.594	1.054	0.444	12.6%	38.3%	19.2%	84.2	26 - 109
Breaking	104	0.216	0.269	0.381	0.651	0.290	19.1%	40.0%	21.3%	81.6	19 - 113
Offspeed	28	0.308	0.357	0.346	0.703	0.386	12.8%	25.0%	12.5%	84.0	36 - 105

Splits: Pitch Type (LHP)

Pitch	PA	AVG	OBP	SLG	OPS	xwOBA	Whiff%	HH%	Barrel%	Avg EV	EV Range
Fastball	25	0.368	0.520	0.526	1.046	0.433	11.6%	41.2%	23.5%	84.1	58 - 111
Breaking	10	0.500	0.600	0.500	1.100	0.298	8.3%	50.0%	0.0%	84.9	63 - 104
Offspeed	22	0.450	0.500	0.550	1.050	0.314	42.4%	38.5%	23.1%	83.8	56 - 105

Splits: Pitcher Handedness

Pitcher	PA	AVG	OBP	SLG	OPS	xwOBA
Right	293	0.293	0.382	0.488	0.871	0.383
Left	57	0.426	0.526	0.532	1.058	0.362

Pitcher	Whiff%	HH%	Barrel%
Right	14.9%	37.4%	19.2%
Left	22.7%	41.7%	19.4%

Glossary

Barrel: Well-struck batted balls. Launch angle between 10 - 30° & exit velocity of at least 95 mph

Hard Hit Ball: A batted ball with an exit velocity of at least 95 mph.

xwOBA: wOBA but solely reliant on the quality of contact given up: exit velocity and launch angle of batted balls allowed (Average pitching outing is 0.380).

Whiff%: The percentage of misses on swings

Metrics Table

GB / LD / FB / POP: Ground Ball / Line Drive / Fly Ball / Pop Up - Percentage of batted balls within each category (by batted ball launch angle).

LA 10-30: Proportion of batted balls hit at the optimal launch angle (between 10° and 30°).

HH LA: Hard Hit Launch Angle - The average launch angle of a batter's hard hit balls.

HH/Swing: Hard Hit per Swing - The percentage hard hit balls on swings.

HH%: Hard Hit Percent - The percentage of batted balls that are hard hit balls.

Hrt Swg: Heart Swing - The percentage of pitches in the center of the zone that are swung at.

Hrt Whf: Heart Whiff - The percentage of misses on swings for pitches in the center of the zone.

Edge Swg: Edge Swing - The percentage of pitches on the edge of the strike zone that are swung at.

Edge Whf: Edge Whiff - The percentage of misses on swings for pitches on the edge of the strike zone.

Chase: The percentage of pitches outside the strike zone that are swung at.

2K Chase: The percentage of pitches outside the strike zone with two strikes that are swung at.

Contact: The percentage of the time swings result in a ball in play.

FB IZM: Fastball In-Zone Miss - The percentage of misses for fastballs in the center of the zone.

OS IZM: Offspeed In-Zone Miss - The percentage of misses for offspeed & breaking pitches in the center of the zone.

Hrt BIP: Heart Balls in Play - The percentage of pitches in the center of the zone that result in a ball in play.