

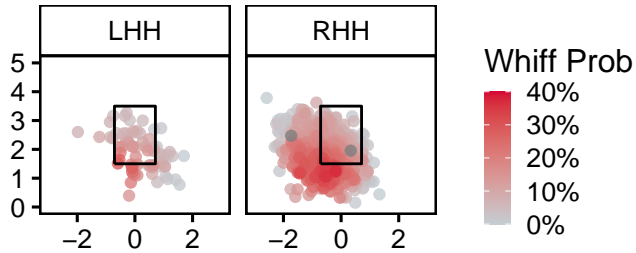


# Pitcher X Report



## Whiff Prob by Location Changeup

From Pitchers Point of View

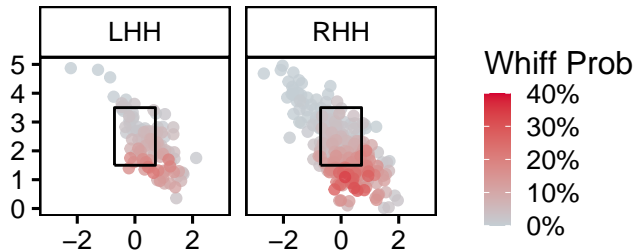


## Changeup Metrics

Pitch Type	Sample Size	Avg Horz Break	Avg Swing Prob
Changeup	864	-17.3	60.9%
Avg Spin Rate	Avg Velocity	Avg Induced Vert Break	Avg Whiff Prob
2119.1	79.4	7	14.8%

## Whiff Prob by Location Curveball

From Pitchers Point of View

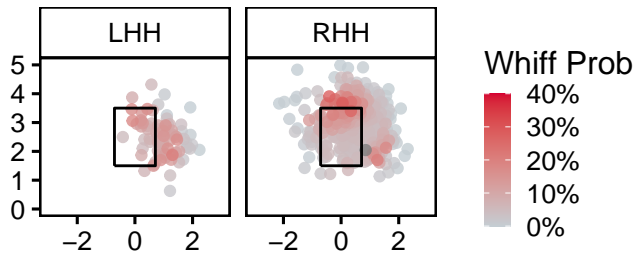


## Curveball Metrics

Pitch Type	Sample Size	Avg Horz Break	Avg Swing Prob
Curveball	380	6.3	34%
Avg Spin Rate	Avg Velocity	Avg Induced Vert Break	Avg Whiff Prob
2111.6	76.6	-13	7%

## Whiff Prob by Location Cutter

From Pitchers Point of View

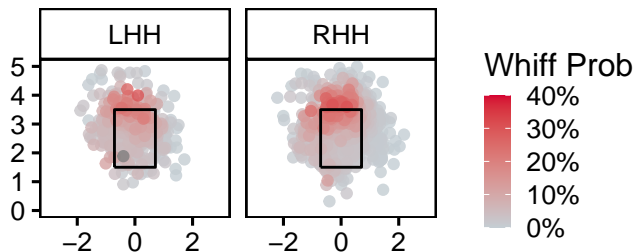


## Cutter Metrics

Pitch Type	Sample Size	Avg Horz Break	Avg Swing Prob
Cutter	552	-2.2	47.4%
Avg Spin Rate	Avg Velocity	Avg Induced Vert Break	Avg Whiff Prob
2034.1	86.1	11.4	6.1%

## Whiff Prob by Location Fastball

From Pitchers Point of View



## Fastball Metrics

Pitch Type	Sample Size	Avg Horz Break	Avg Swing Prob
Fastball	1037	-12.2	44.3%
Avg Spin Rate	Avg Velocity	Avg Induced Vert Break	Avg Whiff Prob
1988.3	88.4	14.7	6.1%