Trackman Report

Pitcher: Corso, Kyle

Date: 2024-08-09

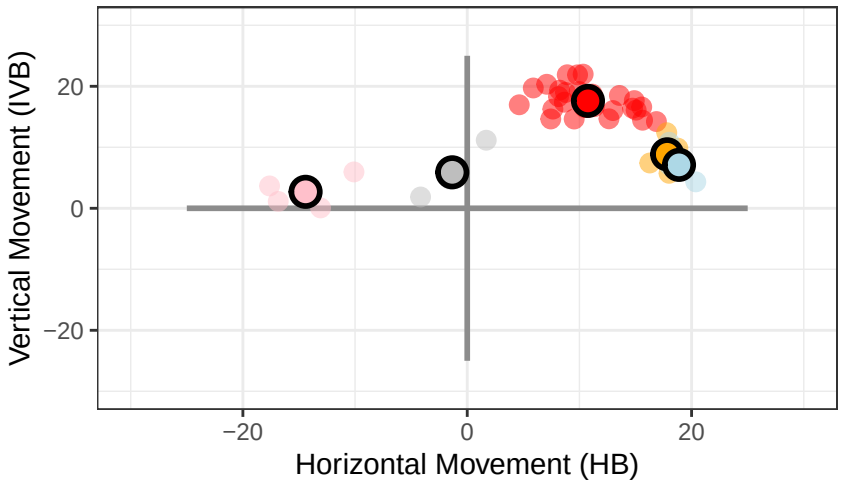
RPP

BASEBALL TRAINING & DEVELOPMENT

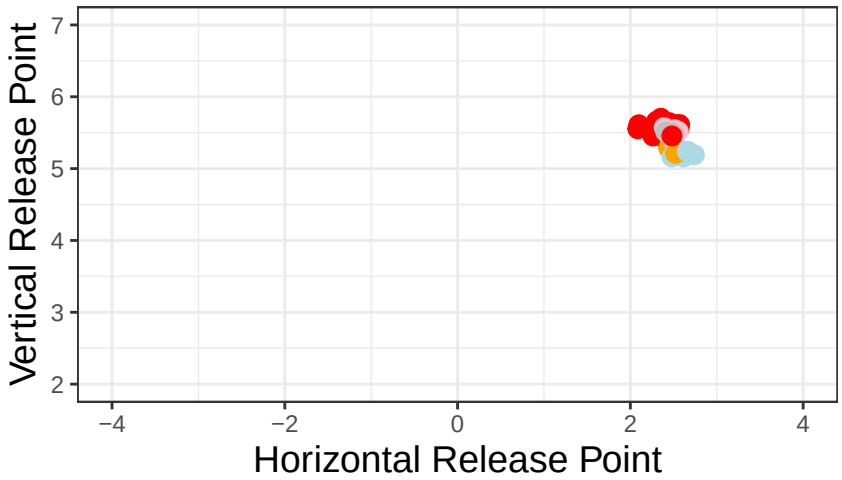
Analysis of Pitch Data

TaggedPitchType	Count	AvgVelo	MaxVelo	Spin	IVB	HB	Ext.	R.Height	R.Side	VAA Up	VAA Low	VRA	HAA	HRA
Fastball	28	90.9	92.5	2424	17.6	10.8	5.8	5.6	2.3	−4.2	−5.5	−1.9	−1.6	−3.6
Cutter	4	85.9	87.2	2293	5.9	−1.3	5.3	5.5	2.5	−5.6	−7.3	−0.9	−2.6	−2.3
Sinker	5	88.0	89.8	2125	8.8	17.8	5.8	5.2	2.5	NA	−6.1	−1.9	−1.8	−5.1
Slider	4	81.5	82.1	2476	2.7	−14.4	4.7	5.5	2.5	NA	−7.8	−1.0	−5.1	−2.4
Splitter	5	85.2	85.9	1796	7.1	18.9	5.5	5.2	2.6	NA	−7.5	−2.1	−1.2	−5.1

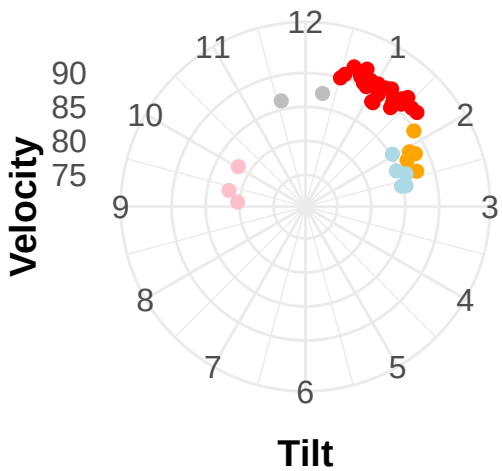
Pitch Movement



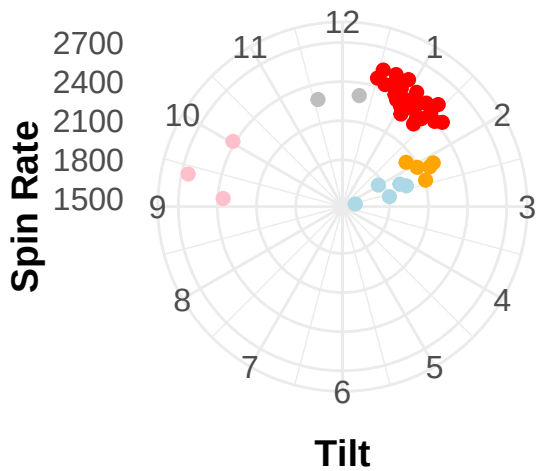
Release



Velocity vs. Tilt



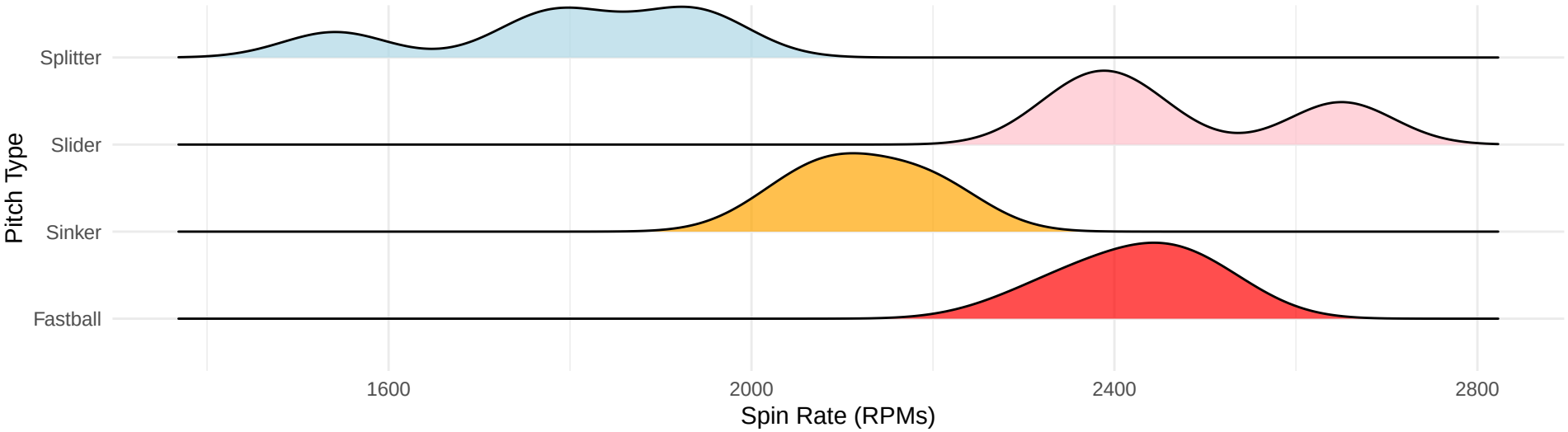
Spin Rate vs. Tilt



Source: Trackman

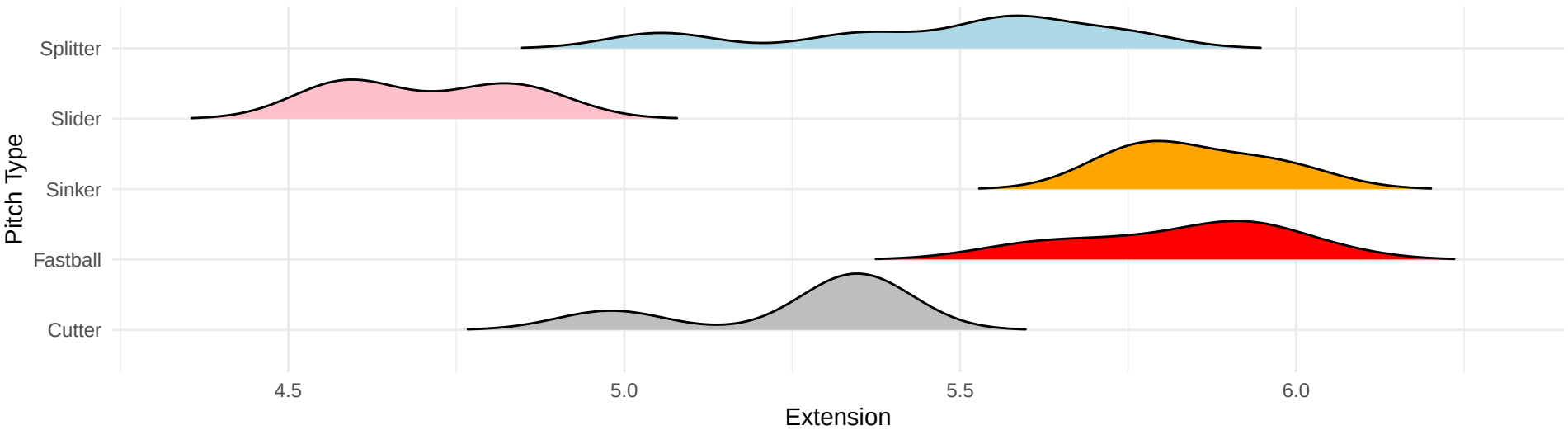
Spin Rate Consistency

The distribution of Spin Rates for different pitches



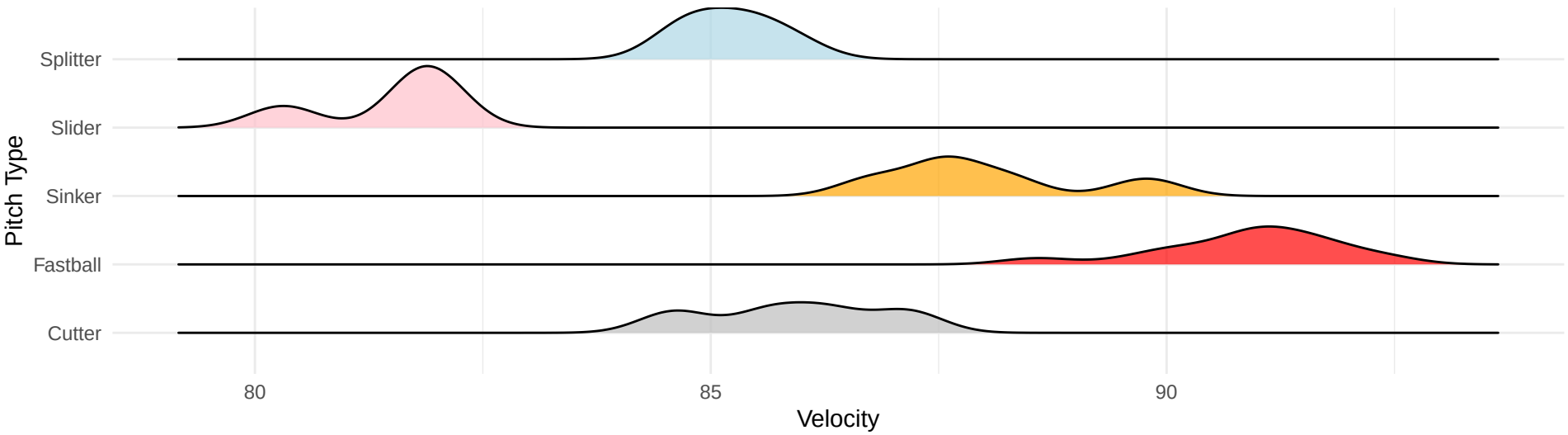
Pitch Extension Consistency

The distribution of Extension for different pitches



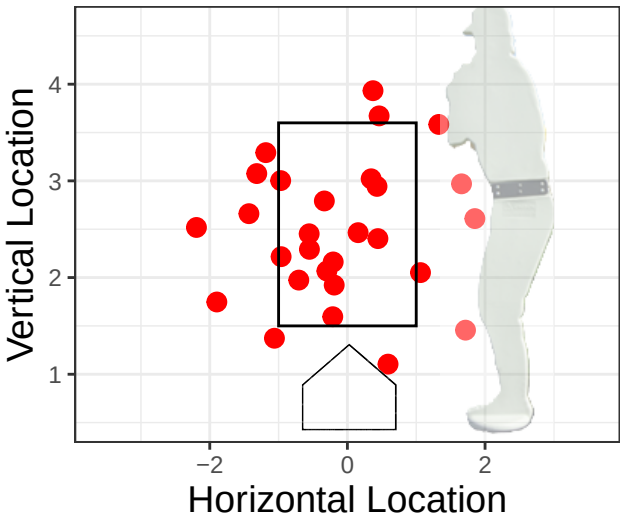
Velocity Consistency

The distribution of Velocity for different pitches



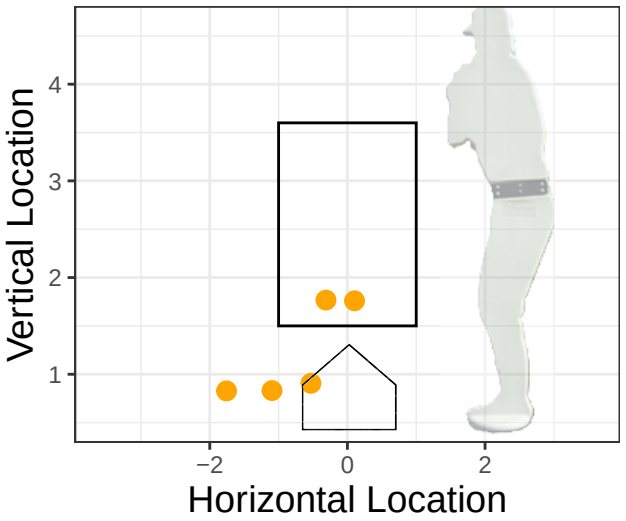
Location (Fastball)

From the Pitcher's Perspective



Location (Sinker)

From the Pitcher's Perspective

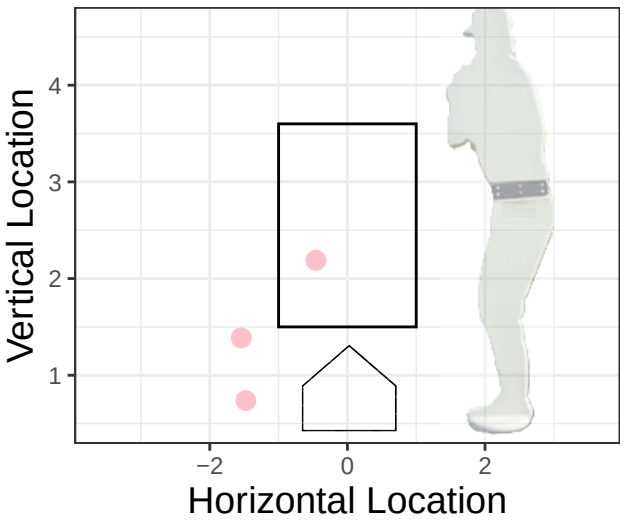


Location (Splitter)

From the Pitcher's Perspective

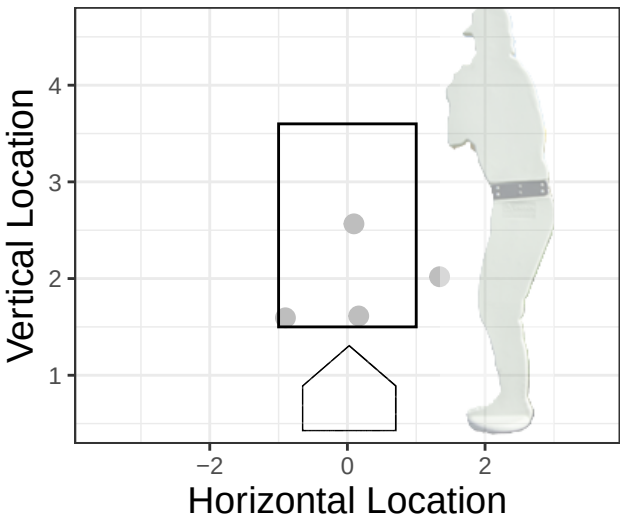
Location (Slider)

From the Pitcher's Perspective



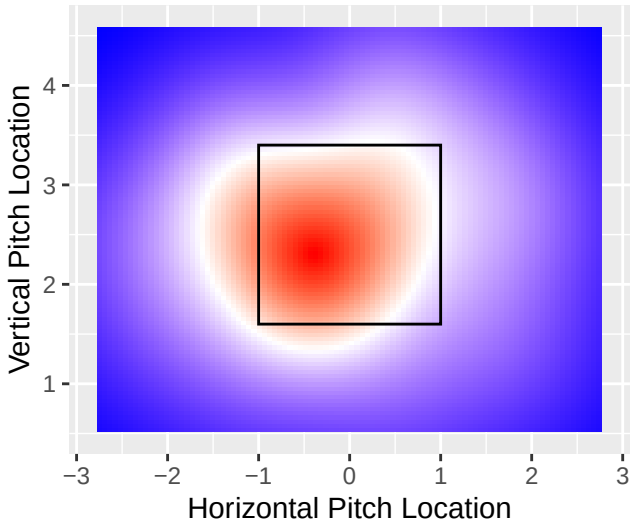
Location (Cutter)

From the Pitcher's Perspective



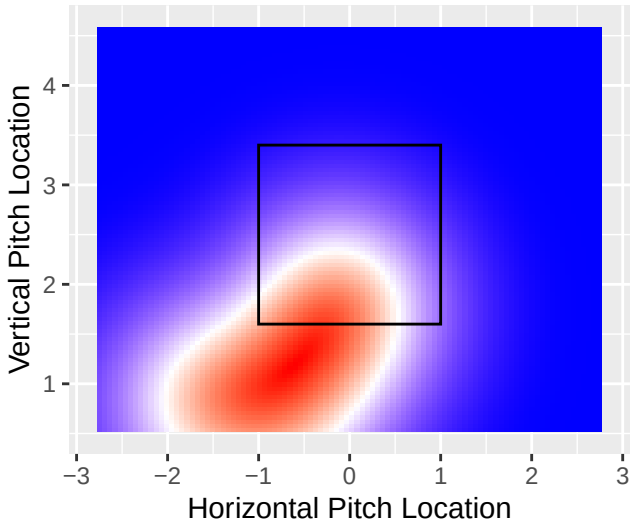
Pitch Location Heat Map − Fastball

Pitcher's Perspective



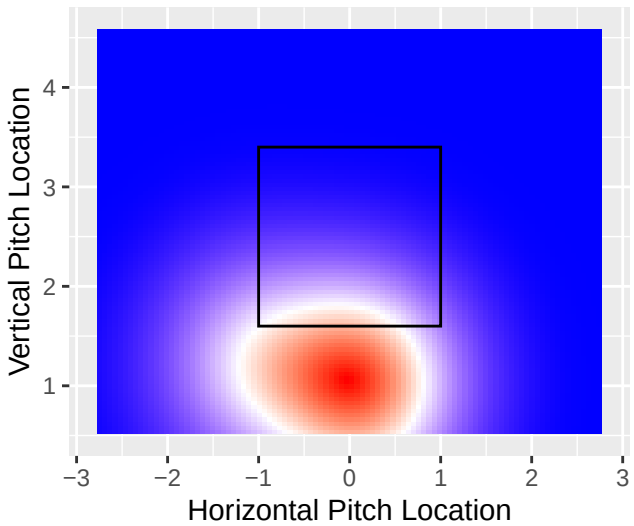
Pitch Location Heat Map − Sinker

Pitcher's Perspective



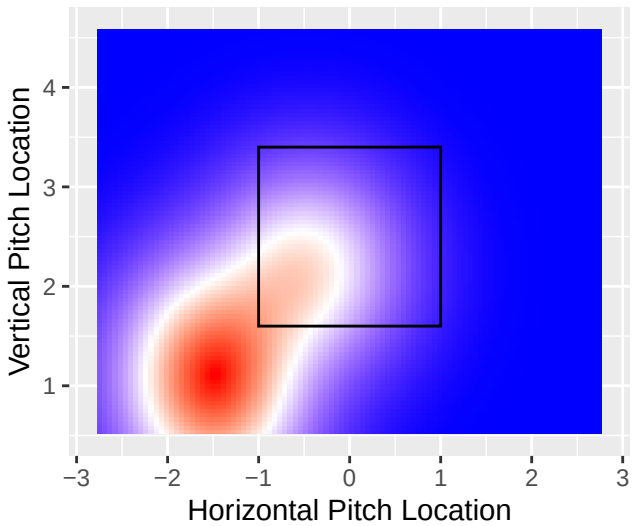
Pitch Location Heat Map − Splitter

Pitcher's Perspective



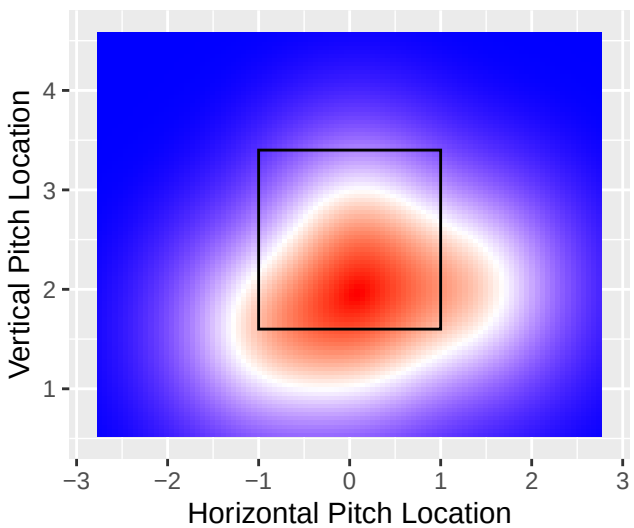
Pitch Location Heat Map − Slider

Pitcher's Perspective



Pitch Location Heat Map − Cutter

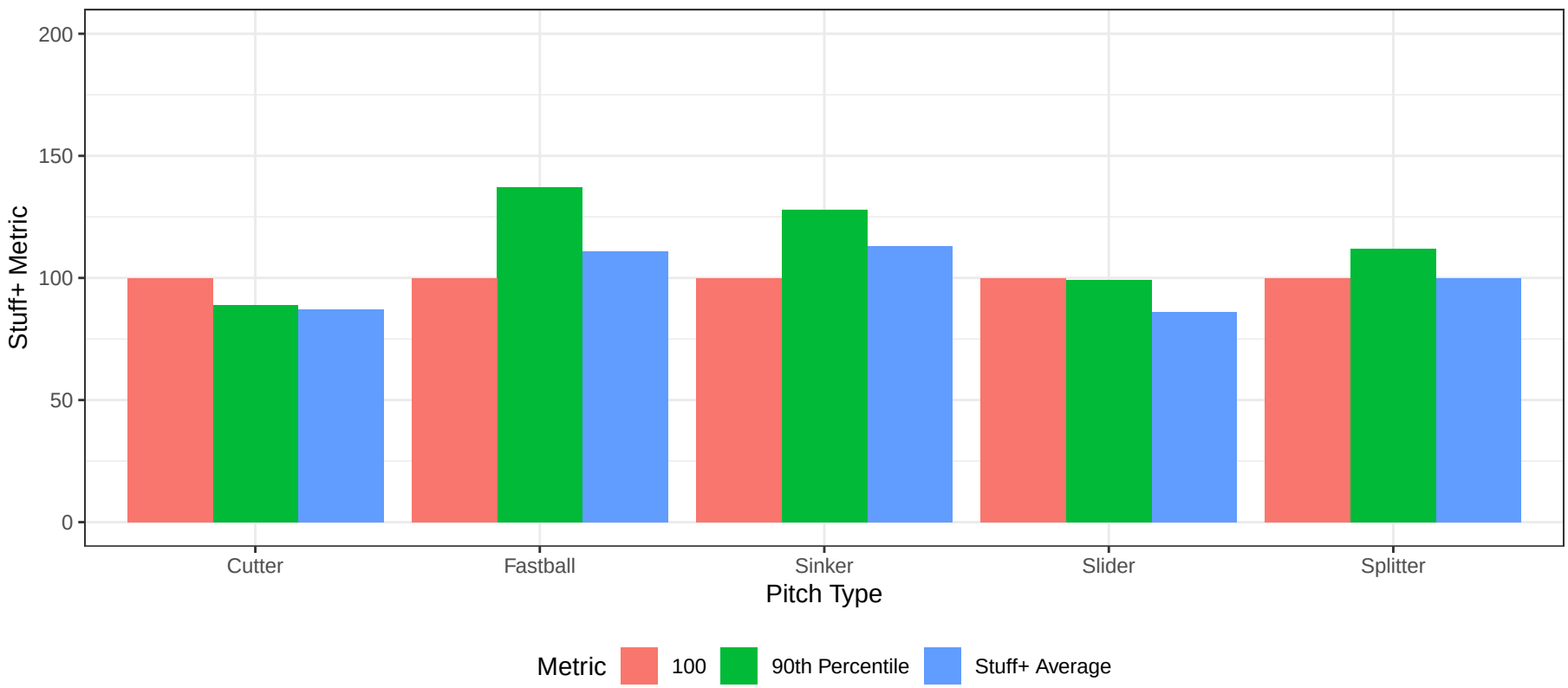
Pitcher's Perspective



Stuff+ Breakdown

TaggedPitchType	Pitches	Stuff+ Average	Median	90th Percentile
Fastball	28	111	111	137
Cutter	4	87	87	89
Sinker	5	113	118	128
Slider	4	86	85	99
Splitter	5	100	104	112

Stuff+ by Pitch − Corso, Kyle



TaggedPitchType	Velo	IVB	HB	IVB Diff.	Spin Rate	Extension	VAA	VRA	VAA/VRA Diff	Velo Diff
Fastball	150	115	131	NA	150	51	84	298	−79	NA
Cutter	169	64	60	NA	92	1	139	75	146	NA
Sinker	108	100	136	NA	96	68	200	119	131	NA
Slider	144	98	163	121	124	−16	128	107	153	113
Splitter	176	92	140	137	109	33	120	119	−103	67

Ratings breakdown for each Metric

Term	Definition
Spin Rate	Speed at which the ball is spinning, reported in revolutions per minute (RPM).
Induced Vertical Break(IVB)	Distance between the height at which the ball crosses home plate and the height at which it would have crossed if it travelled in a straight line from release and were affected by gravity, reported in inches or centimeters.
Horizontal Break(HB)	Horizontal distance between where the ball crosses home plate and where it would have crossed if it had travelled in a straight line from release and were unaffected by gravity, reported in inches or centimeters.
Pitch Extension(Ext)	Distance towards home plate from which the pitcher releases the ball relative to the pitching rubber, reported in feet or meters.
Release Height(R. Height)	Vertical distance of the ball above home plate when the pitcher releases the ball, reported in feet or meters.
Release Side(R. Side)	Distance from the y−axis from which the pitcher releases the ball, reported in feet or meters.
Vertical Approach Angle(VAA)	The vertical angle formed by the intersection of the y−axis and the ball's path (in the z−direction) as it crosses the front of home plate. VAA Up means up in the zone and VAA low means low in the zone
Vertical Release Angle(VRA)	The vertical angle formed by the intersection of the y−axis and the ball's path (in the z−direction) as it leaves the pitcher's hand. A negative number means the ball is sloping downward, while a positive number means it's sloping upward.
Horizontal Approach Angle(HAA)	The horizontal angle formed by the intersection of the y−axis and the ball's path (in the x−direction) as it crosses the front of home plate.
Horizontal Release Angle(HRA)	The horizontal angle formed by the intersection of the ball's path (in the z−direction) as it leaves the pitcher's hand. A negative number means the ball is travelling towards the LHB batter's box, while a positive number means it's travelling towards the RHB batter's box.
Tilt	Direction in which the ball is spinning.It is converted into clock time, rounded to the nearest 15 minutes. As a rule of thumb, the ball will break in the direction of the number on the clock face.
Stuff+	The movement profile of each pitch is given a number, 100 being average, to try and estimate how deceptive or "nasty" a pitch is