#### Notes

Facing RHH, Valdez works with his Sinker and Curveball and mixes a Changeup as well. SI are typically thrown for a Strike while CB are less likely to cross the zone (60% Out–Zone Rate). SIs cross over the heart of the plate a third of the time. The main chase pitches are the CH and CB both having high whiff rates and even higher whiff chase rates. His CB is a very dangerous pitch eliciting a chase whiff of 70%. Most successful pitch is his CB, and next is his CH would expect these pitches to be thrown against Witt. Both CH/CB do not go for extra bases would be ideal to throw against Witt. Most likely to start off with a SI but against Witt could see a CB or CH to mix it up. Put away pitch is his CB, when Valdez is ahead 1–2, 0–2, or even 2–2 CB most likely to be down and in out of the zone compared to earlier CB that can go for a strike. The SI lives mainly over belt high over the middle of the plate, would expect Witt to be able to get ahold of his SI if thrown for a strike and CH is consistently low and away. Hammering CBs low would mitigate any extra base hit risks against Witt.

Witt Jr.

Facing LHP, Witt stays disciplined against SI chasing only 17%, watch for chasing the CH/CB both over 50% chase rates. Would expect Valdez to throw majority CB and CH outside the zone against Witt. Witt has a 40% hard–hit rate on chases CH, along with an overall 60% in play rate. With a .434 xwOBA against SI and a .333 ISO would be ideal for Witt to wait for a SI especially one that is in–zone. Witt does not swing much at the first pitch except against CH (41% 1st Pitch Swing). Would make sense to drop a CB in the zone for a called strike to get ahead early. As the PA goes on, pitches in the zone will almost certainly be swung at. Early in the count does not chase too much but CH he is pretty consistent chasing it. Fastball to Breaking Ball is a dangerous 2 pitch sequence for Witt, chasing the breaking ball 57% of the time and a 30% whiff rate. Valdez might going SI to CB in his matchup. Witt likes the high fastball but anywhere in the zone expect a hard hit against a fastball. Witt will go for the outside CH, would not reccomend leaving it up however. Jumping early on a SI over the middle of the plate will probably be the best pitch he sees in the PA otherwise Valdez will go to his CB low.

	Framber Valdez vs RHH										
Pitch	Usage	Zone %	Z-Swing %	Heart %	H-Swing %	O-Zone %	Chase %	Whiff %	Z-Whiff %	H–Whiff %	O-Whiff %
4-Seam	1%	55%	67%	27%	50%	45%	30%	27%	12%	0%	67%
Changeup	18%	41%	79%	17%	87%	59%	34%	34%	22%	17%	53%
Curveball	32%	38%	65%	19%	61%	62%	36%	41%	16%	6%	68%
Sinker	46%	63%	52%	34%	64%	37%	18%	11%	8%	5%	25%
Slider	2%	43%	87%	34%	92%	57%	30%	32%	15%	18%	67%
ALL	84%	50%	60%	26%	67%	50%	29%	27%	13%	7%	55%

	Bobby Witt Jr vs LHP										
Pitch	Usage	Zone %	Z–Swing %	Heart %	H-Swing %	O-Zone %	Chase %	Whiff %	Z–Whiff %	H–Whiff %	O-Whiff %
4-Seam	38%	56%	73%	31%	76%	44%	36%	9%	8%	3%	12%
Changeup	18%	34%	75%	14%	80%	66%	52%	24%	11%	12%	33%
Curveball	9%	43%	47%	20%	43%	57%	55%	28%	29%	0%	27%
Sinker	8%	62%	70%	38%	83%	38%	17%	0%	0%	0%	0%
Slider	11%	42%	67%	33%	71%	58%	36%	5%	0%	0%	11%
ALL	18%	46%	70%	25%	74%	54%	40%	14%	9%	4%	22%

	Framber Valdez vs RHH										
Pitch	Strike %	Ball %	O-Strike %	BIP %	Z-BIP %	O-BIP %	Hard-Hit %	Z-H-Hit %	O-H-Hit %	Heart-H-Hit %	
4-Seam	68%	32%	68%	27%	25%	33%	33%	0%	100%		
Changeup	60%	40%	60%	38%	46%	23%	34%	39%	20%	50%	
Curveball	59%	41%	59%	25%	40%	8%	39%	44%	10%	43%	
Sinker	67%	33%	67%	58%	59%	48%	55%	60%	22%	65%	
Slider	66%	34%	66%	21%	31%	0%	75%	75%		75%	
ALL	63%	37%	63%	41%	51%	21%	47%	53%	21%	59%	

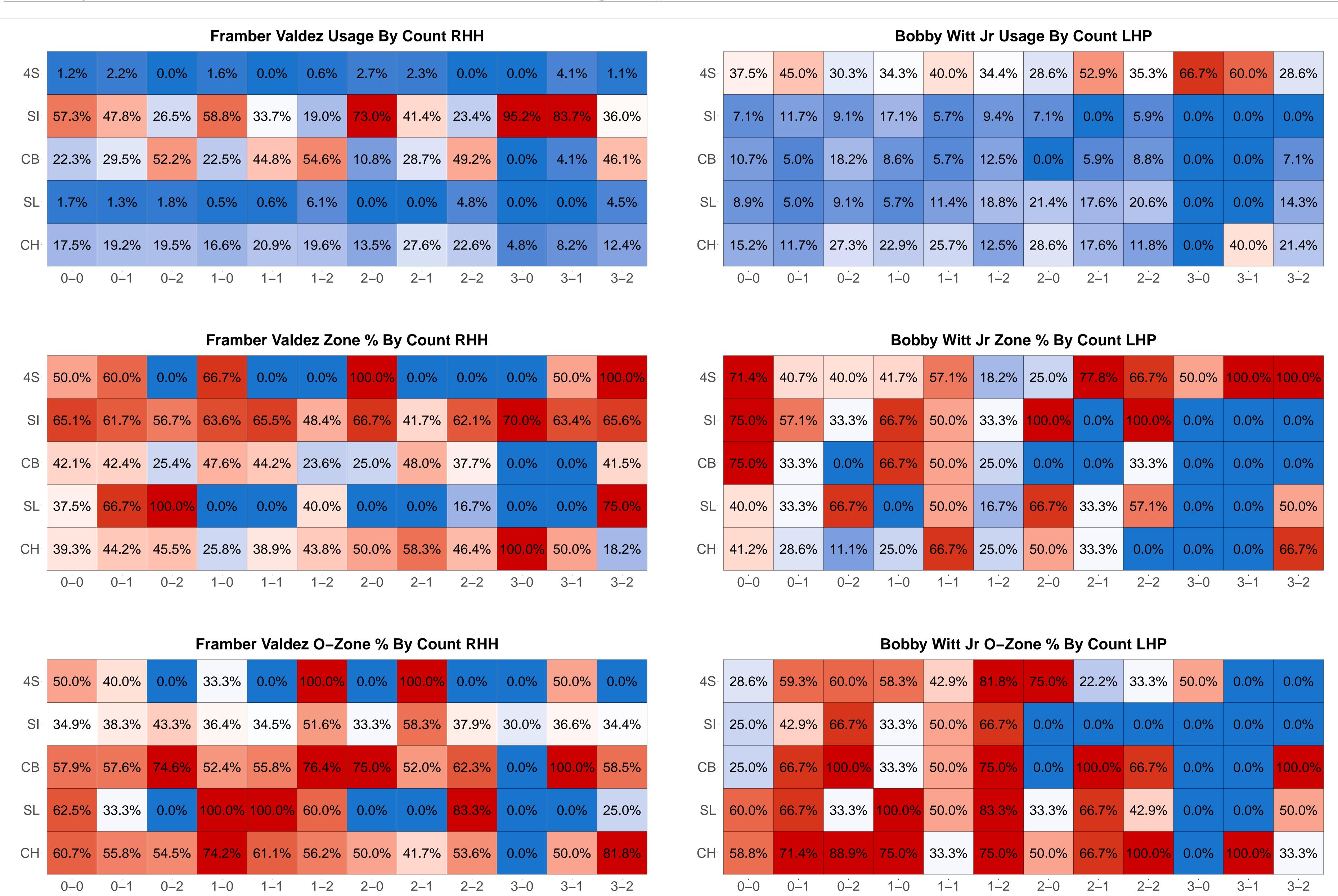
Bobby Witt Jr LHP										
Pitch	Strike %	Ball %	O-Strike %	BIP %	Z-BIP %	O-BIP %	Hard-Hit %	Z-H-Hit %	O-H-Hit %	Heart-H-Hit %
4-Seam	70%	30%	70%	38%	36%	42%	44%	50%	30%	50%
Changeup	70%	30%	70%	60%	61%	58%	32%	18%	43%	25%
Curveball	71%	29%	71%	17%	0%	27%	33%		33%	
Sinker	69%	31%	69%	56%	57%	50%	44%	50%	0%	60%
Slider	67%	33%	67%	57%	67%	44%	50%	38%	75%	43%
ALL	69%	31%	69%	44%	45%	44%	40%	40%	41%	47%

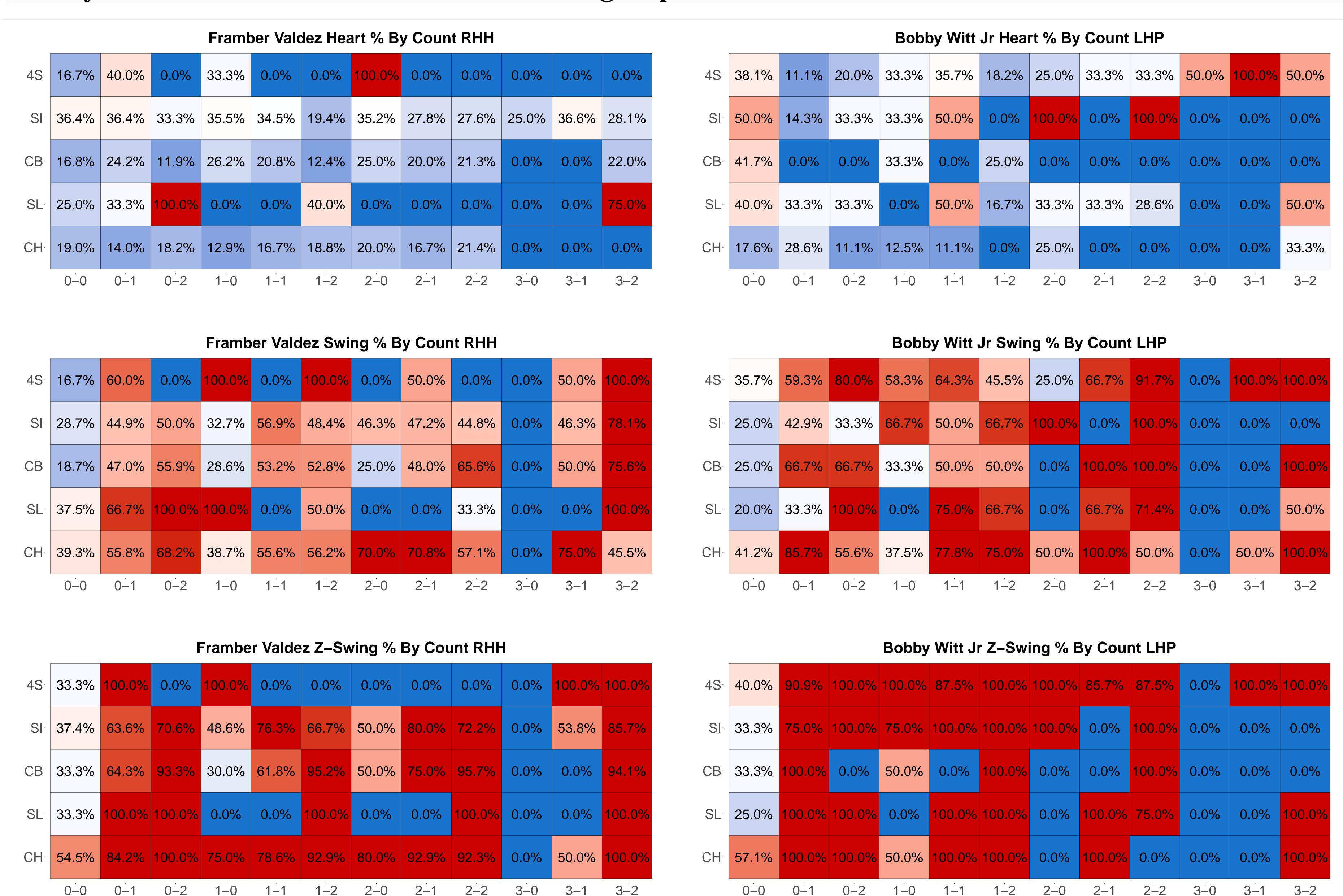
	Framber Valdez vs RHH										
Pitch	wOBA	xwOBA	xBA	BABIP	ISO	Z-woba	Z-xwOBA	Z-xBA	Z-BABIP	Z-ISO	
4-Seam	.600	.309	.314	.167	.500	.300	.235	.332	.333	.000	
Changeup	.282	.276	.310	.216	.034	.274	.256	.299	.237	.051	
Curveball	.198	.193	.265	.103	.068	.218	.230	.261	.155	.113	
Sinker	.332	.362	.341	.223	.103	.317	.354	.354	.253	.132	
Slider	.362	.354	.469	.125	.375	.414	.404	.469	.143	.429	

	Bobby Witt Jr vs LHP									
Pitch	wOBA	xwOBA	xBA	BABIP	ISO	Z-woba	Z-xwOBA	Z-xBA	Z-BABIP	Z-ISO
4-Seam	.486	.480	.408	.270	.351	.468	.465	.378	.240	.400
Changeup	.282	.378	.376	.286	.000	.164	.329	.270	.182	.000
Curveball	.358	.293	.604	.333	.167	.000	.000		.000	.000
Sinker	.517	.434	.276	.333	.333	.581	.482	.307	.375	.375
Slider	.614	.424	.404	.429	.143	.439	.367	.367	.444	.111

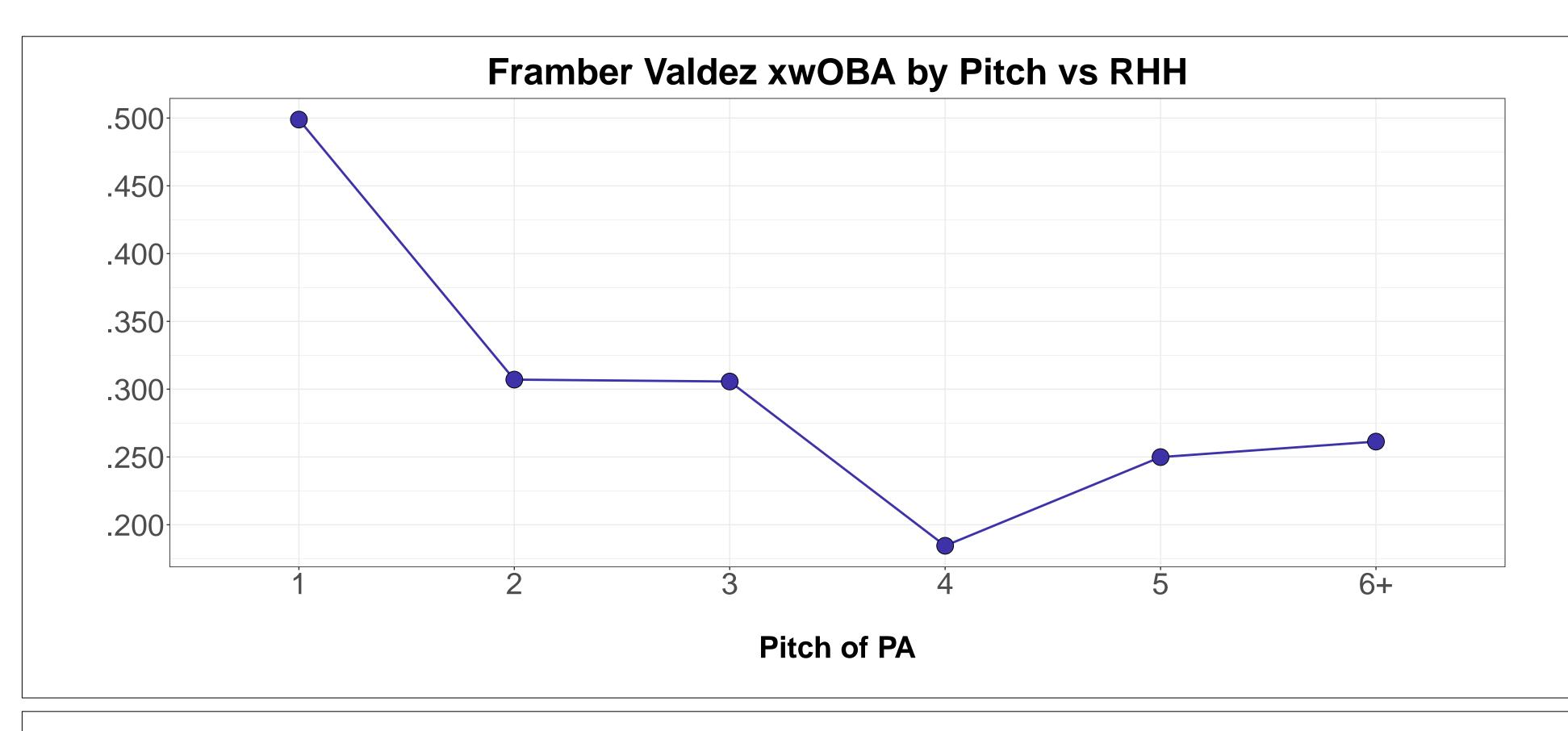
	Framber Valdez vs RHH										
Pitch	O-wOBA	O-xwOBA	O-xBA	O-BABIP	O-ISO	H-wOBA	H-xwOBA	H-xBA	H-BABIP	H-ISO	
4–Sea	m .900	.384	.280	.000	1.000						
Change	up .300	.315	.348	.172	.000	.387	.331	.359	.346	.115	
Curveb	all .179	.156	.294	.053	.027	.334	.299	.287	.244	.195	
Sinke	.384	.393	.262	.118	.000	.380	.407	.366	.294	.193	
Slider	.000	.000		.000	.000	.414	.404	.469	.143	.429	

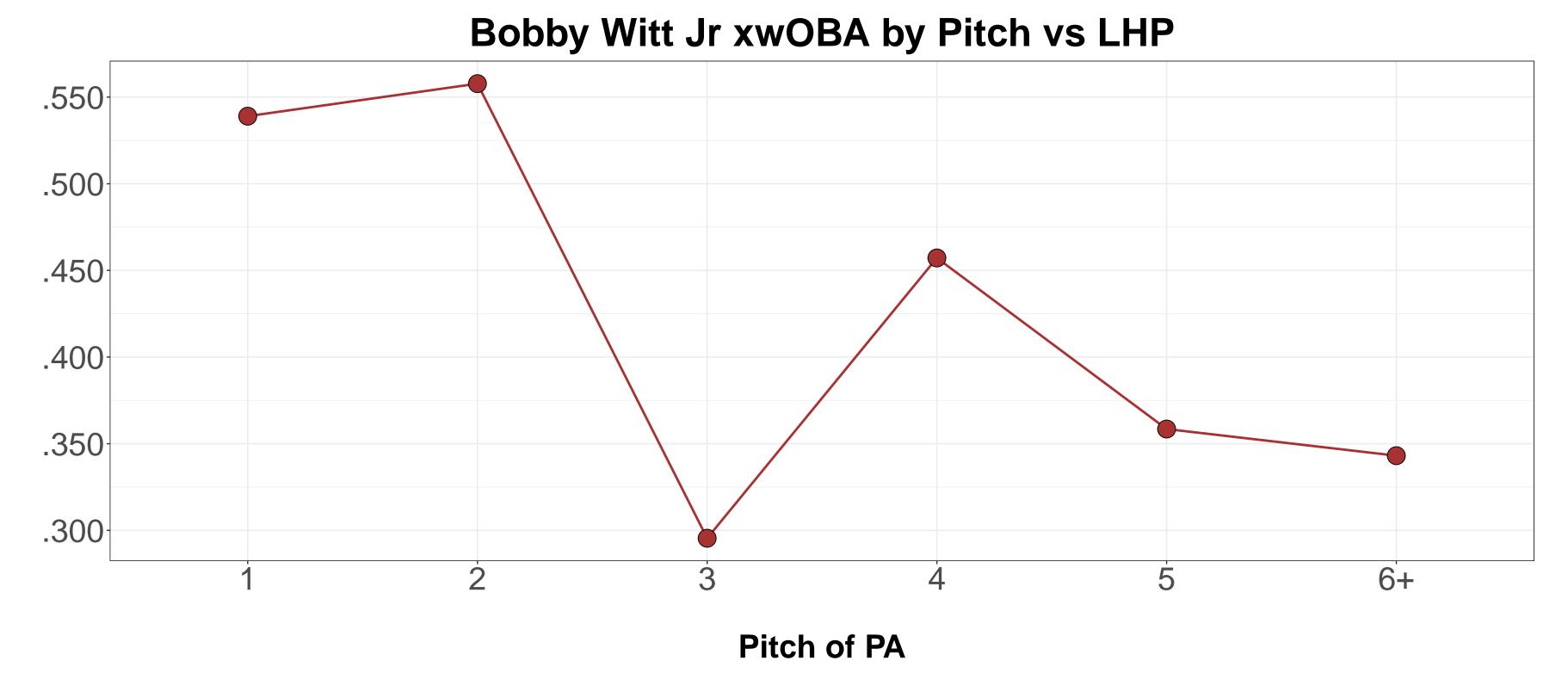
	Bobby Witt Jr vs LHP										
Pitch	O-wOBA	O-xwOBA	O-xBA	O-BABIP	O-ISO	H-wOBA	H-xwOBA	H-xBA	H-BABIP	H-ISO	
4-Seam	.525	.509	.472	.333	.250	.481	.569	.429	.222	.500	
Changeup	.359	.410	.459	.353	.000	.225	.166	.166	.250	.000	
Curveball	.430	.352	.604	.400	.200			_			
Sinker	.000	.048	.031	.000	.000	.750	.677	.413	.400	.600	
Slider	.930	.525	.476	.400	.200	.564	.462	.412	.571	.143	







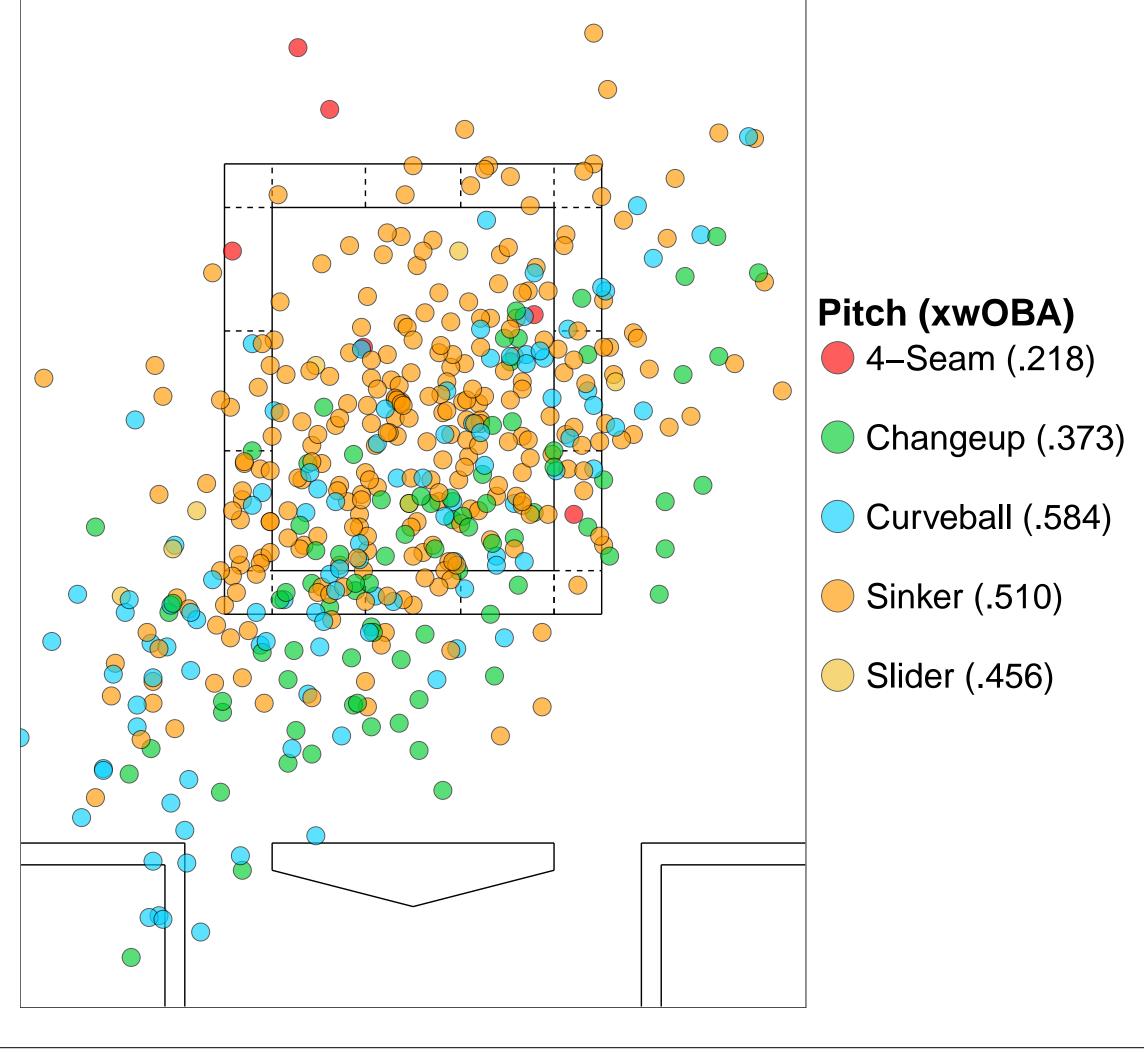




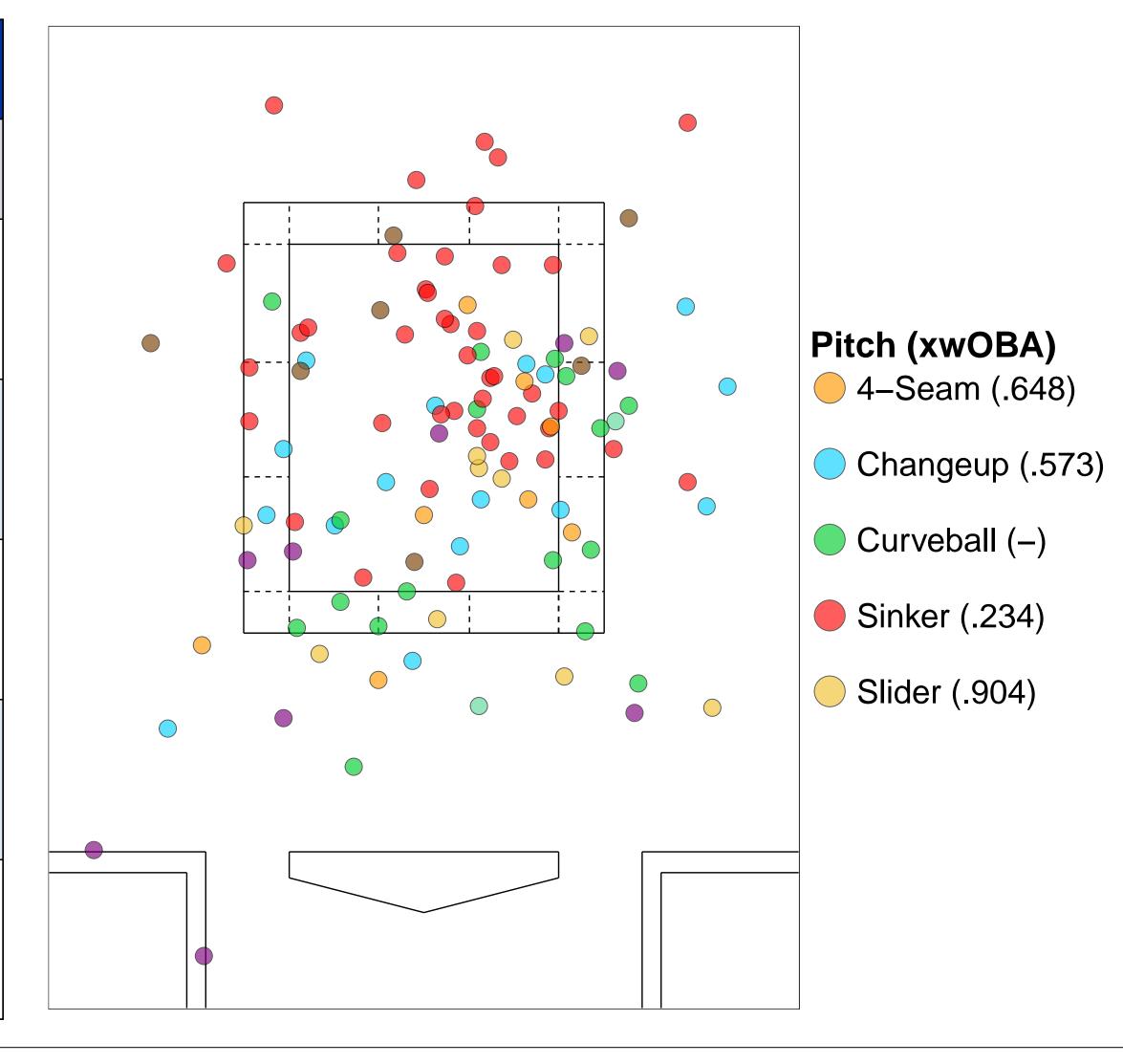
	Framber Valdez 1st-Pitch Usage vs RHH								
Most	After	After	After Field Out	After	Men in				
Frequent	Strikeout	Walk		Hit	Scoring				
Sinker	Sinker	Sinker	Sinker	Sinker	Sinker				
(57.3%)	(49.6%)	(66.7%)	(59.2%)	(56.9%)	(50.0%)				

Bobby Witt Jr 1st–Pitch Swing % vs LHP									
1st Time2nd Time3rd TimeAfterAfterMSeeingSeeingStrikeoutHitSc									
34%	28%	17%	39%	41%	25%				

Fran	Framber Valdez vs RHH									
Pitch	Zone	Heart	Swing	BIP						
SI	65%	36%	29%	65%						
CU	42%	17%	19%	40%						
СН	39%	19%	39%	24%						
SL	38%	25%	38%	33%						
4S	50%	17%	17%	100%						



Bobby Witt Jr vs LHP									
Pitch	Zone	Heart	Swing	BIP					
4S	71%	38%	36%	53%					
SL	40%	40%	20%	50%					
SI	75%	50%	25%	100%					
СН	41%	18%	41%	43%					
CU	75%	42%	25%	0%					



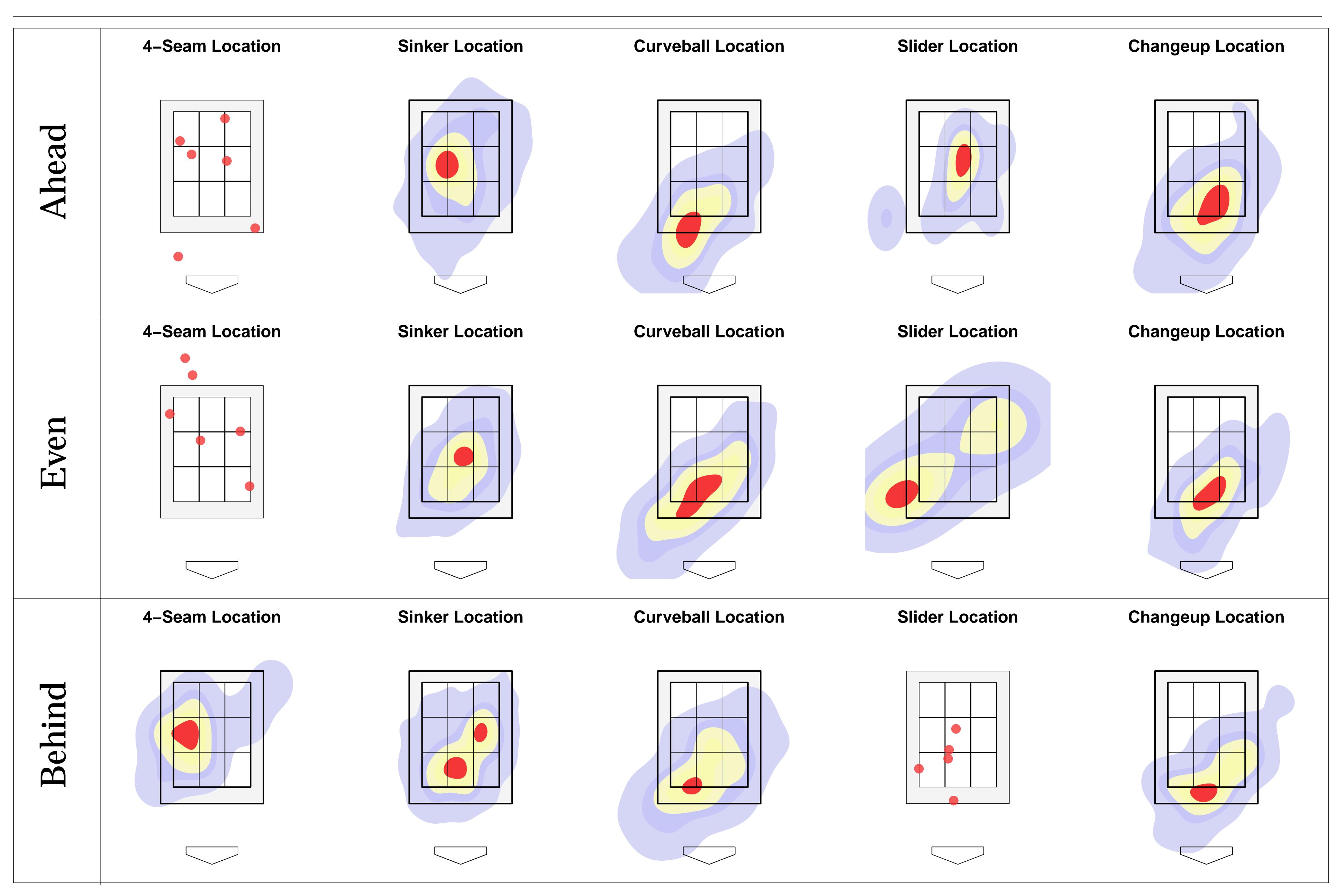
Framber Valdez Two Pitch Sequences vs RHH							
Sequence	Usage	Swing % Whiff %		Chase %	BIP %		
SI-SI	24.2%	43.4%	11.4%	24.0%	54.9%		
SI-CU	13.2%	48.4%	38.7%	36.2%	22.6%		
CU-SI	13.0%	41.5%	11.1%	20.3%	61.1%		
CU-CU	12.3%	48.0%	37.8%	33.9%	29.6%		
SI-CH	7.5%	50.0%	24.2%	29.3%	45.2%		

Bobby Witt Jr Two Pitch Sequences vs LHP							
Sequence	Usage	Swing %	Whiff %	Chase %	BIP %		
FAST-FAST	28.5%	69.1%	7.1%	35.5%	32.1%		
BRK-FAST	17.3%	49.0%	8.3%	30.3%	29.2%		
FAST-BRK	15.5%	68.2%	30.0%	57.1%	43.3%		
FAST-OFF	10.9%	67.7%	14.3%	58.8%	66.7%		
BRK-BRK	8.5%	50.0%	8.3%	35.7%	41.7%		

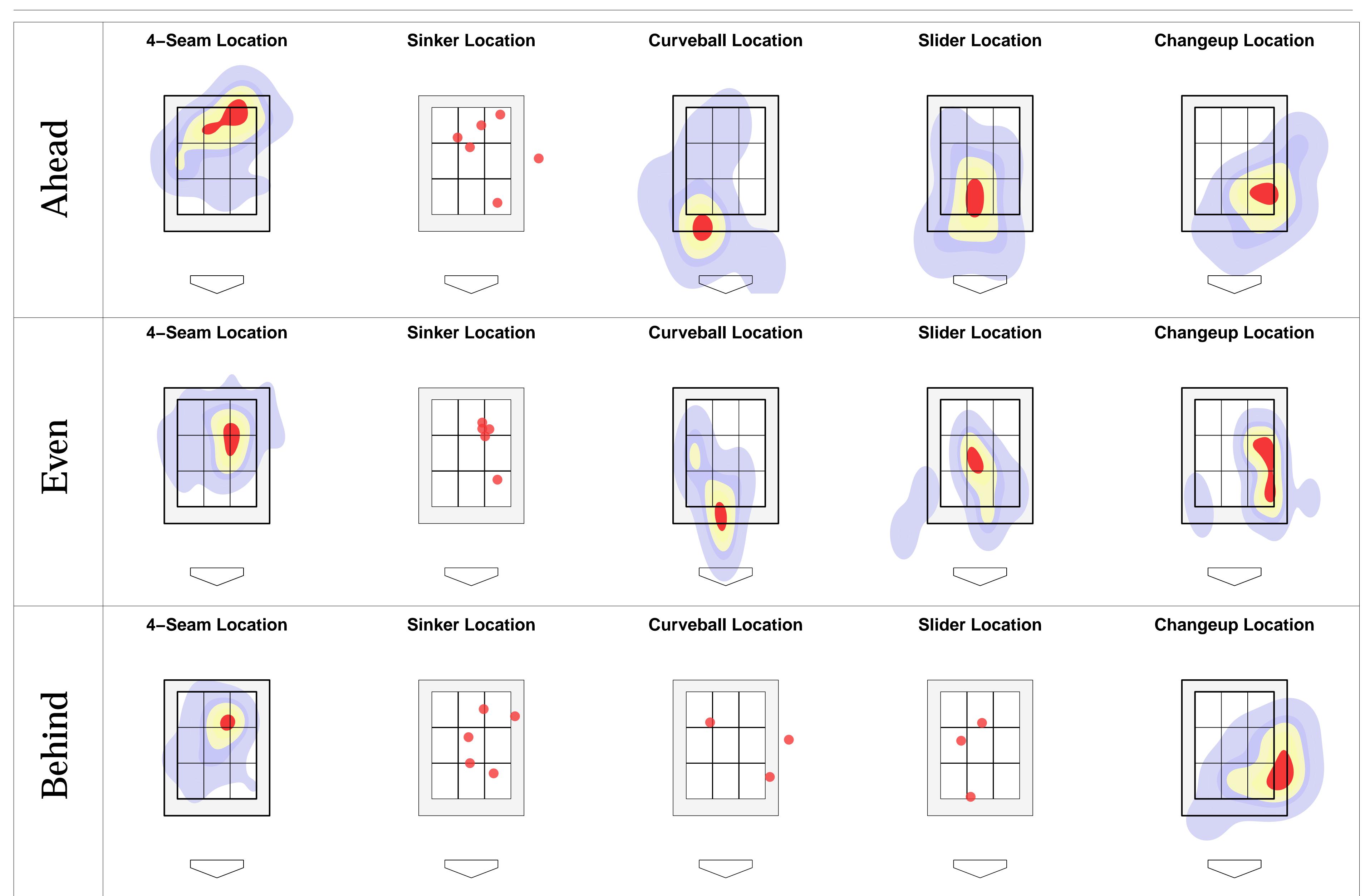
Framber Valdez Situational Results vs RHH								
Pitch	Situation	Usage	Zone %	Heart %	Chase %	Whiff %	BIP %	wOBA
4-Seam	Ahead	1%	50%	33%	33%	25%	0%	.000
	Even	1%	50%	17%	0%	0%	100%	.000
	Behind	2%	60%	30%	50%	33%	33%	.900
	Ahead	34%	58%	33%	20%	14%	51%	.190
Sinker	Even	47%	65%	35%	13%	6%	60%	.422
	Behind	58%	62%	33%	23%	13%	59%	.339
	Ahead	43%	30%	16%	39%	39%	24%	.139
Curveball	Even	32%	42%	19%	30%	40%	27%	.249
	Behind	23%	43%	23%	39%	47%	22%	.237
	Ahead	3%	53%	47%	14%	11%	22%	.225
Slider	Even	2%	27%	13%	27%	40%	20%	.000
	Behind	1%	60%	60%	100%	60%	20%	.667
	Ahead	19%	44%	16%	33%	26%	46%	.238
Changeup	Even	19%	41%	19%	32%	39%	33%	.313
	Behind	16%	40%	12%	37%	34%	34%	.317
	Ahead	28%	43%	23%	33%	27%	37%	.181
Total	Even	44%	52%	27%	24%	26%	42%	.348
	Behind	28%	54%	28%	32%	27%	44%	.330

Bobby Witt Jr Situational Results vs LHP									
Pitch	Situation	Usage	Zone %	Heart %	Chase %	Whiff %	BIP %	wOBA	
4-Seam	Ahead	38%	35%	15%	42%	10%	31%	.427	
	Even	38%	68%	37%	41%	9%	43%	.550	
	Behind	39%	62%	41%	15%	10%	38%	.439	
Sinker	Ahead	10%	46%	15%	14%	0%	50%	.300	
	Even	7%	75%	58%	0%	0%	40%	.000	
	Behind	8%	71%	43%	50%	0%	80%	.938	
Curveball	Ahead	10%	15%	8%	55%	25%	12%	.450	
	Even	9%	65%	29%	50%	43%	14%	.417	
	Behind	6%	40%	20%	67%	0%	33%	.000	
	Ahead	10%	33%	25%	50%	0%	75%	.508	
Slider	Even	12%	48%	38%	36%	10%	50%	.658	
	Behind	11%	40%	30%	17%	0%	33%	.800	
Changeup	Ahead	16%	20%	15%	62%	29%	50%	.400	
	Even	17%	43%	13%	35%	19%	62%	.180	
	Behind	23%	35%	15%	62%	25%	67%	.278	
Total	Ahead	32%	31%	16%	47%	13%	44%	.414	
	Even	46%	56%	28%	34%	15%	42%	.399	
	Behind	22%	48%	31%	39%	14%	49%	.513	

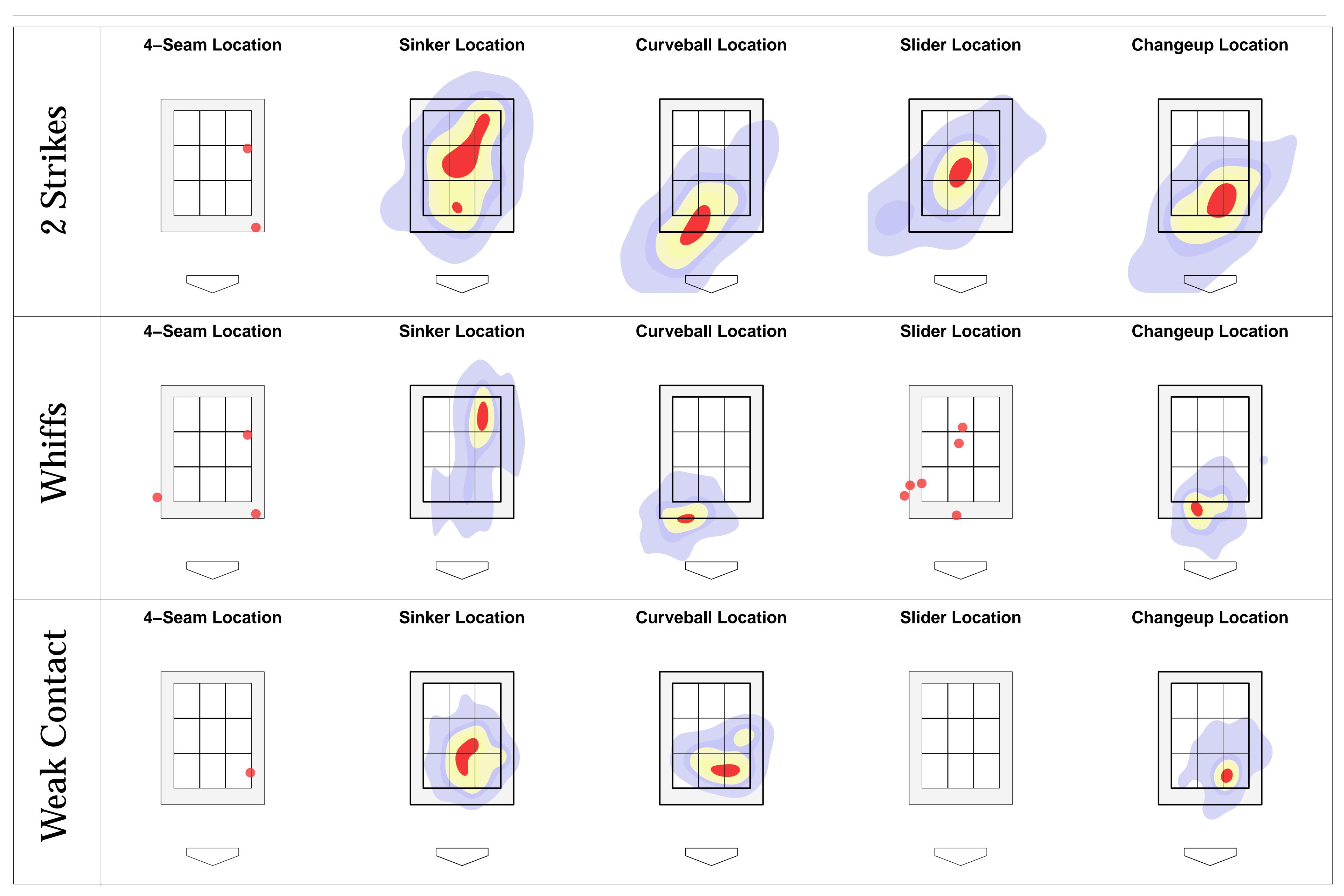
#### Framber Valdez vs RHH Pitch Location



## Bobby Witt Jr vs LHP Swing Location



#### Framber Valdez vs RHH Pitch Location



# Bobby Witt Jr vs LHP Swing Location

