#### Notes

Facing RHH, Fried uses a lot of pitches but sticks w/ 4S/CH/CB/SI while mixing in other O/S pitches. Pitches hover the zone most of the time w/ CH and FC being lowest ~40% Zone %. The 4S does induce chase 33%, only 30% O–Whiff. BBs more tough to hit o–zone w/ CB, FC, SL, SW over 50% Chase–Whiff. CH/CB successful w/ below .300 xwOBA. SW used ~5% but has .032 xwOBA. Cutters have been weak point. Starts 4S/CB for PA will throw SI too less often. Early CH usage, CB/4S consistently toss up throughout PA. If behind, expect 4S i–zone. Early CH–o–zone. Any 0–2 pitch will likely be o–zone, deeper in count will continue to throw FBs in 2K counts. CU to 4S gets chase 40% of the time on 4S and 4S is in zone less than his AVG. zone ~50%. Chase pitch mainly CH, gets 26% chase on his SL. When he gets chase on SL/CB whiffs 62%/90%. 4S/CH have high–hard hit rates especially in–zone, BB not as much w/ O–zone CB in play 0%, SL O–Zone Hard–Hit 6%. W/ CB only used 6%, SL has been most successful w/ .258 xwOBA. 4S hit hard w/ .348 xwOBA. Little damage done when thrown o–zone all pitches have .000 O–ISO except SL w/ .023 ISO. Starts off w/ 4S or SL & both in–zone over 50%. Mixes 2K pitch choice w/ 4S/SL & both barely in zone. 2K SL in zone less than 20%. Behind FBs all in zone, Fried has .359 wOBA behind vs .186 ahead. Getting him behind means he brings 4S down, and CB actually starts to play up in–zone. Normally CB is low and away. Overall would try and drop CB in the zone to get ahead and go back with an O–Zone 4S. Utilize the SW/CB–watch when behind and in–zone.

Facing LHP, Machado has seen a lot of 4S, w/ a 23% whiff. Overall his chase rate is only 26%, but he does bite vs the CB 50% of the time. Would expect Fried to throw the CB and try and induce a whiff (55% Chase–Whiff on CB for Machado). Besides 4S/CB anything outside the zone does not hit the ball hard w/ a 0% chase hard–hit rate vs CH/FC/SI/SL/SW. Punishes the CH, zone–CH has .555 xwOBA and .429 ISO. CB only a .181 xwOBA & out of the zone even lower at .094. CHs out if he does chase another option. Machado gets a lot of 1st Pitch 4S swings at them 45% of the time. Anything in–zone (besides CB) will likely be swung at 1st pitch. Could be an opportunity to drop a CB in for a strike early. Will not chase early, as PA continues tends to stay away from 4S/SI/FC outside the zone especially in when he is ahead. The more times Machado faces a pitcher the more often he swings 1st pitch. High Velo to Low Velo gets Machado to chase 50% of the time. Fastball to CH gets the highest whiff rate of 40% but lowest chase of 21%. When the pitcher is ahead chases the CB and SI over 50% on CB he .000 wOBA. Definetly the pitch to use when ahead. Any fastball within the zone has possibility of beind hit hard. The deeper you get in the count, the higher chance you are going to see a zone

	Max Fried vs RHH												
Pitch	Usage	Zone %	Z–Swing %	Heart %	H-Swing %	O-Zone %	Chase %	Whiff %	Z–Whiff %	H–Whiff %	O-Whiff %		
4-Seam	36%	51%	68%	29%	74%	49%	33%	17%	12%	12%	29%		
Changeup	16%	41%	81%	16%	91%	59%	30%	24%	17%	14%	39%		
Curveball	22%	50%	51%	28%	56%	50%	26%	33%	24%	22%	50%		
Cutter	4%	39%	65%	21%	75%	61%	25%	24%	8%	7%	50%		
Sinker	12%	53%	62%	28%	67%	47%	19%	10%	5%	2%	30%		
Slider	5%	43%	85%	30%	83%	57%	33%	26%	11%	12%	56%		
Sweeper	5%	47%	44%	23%	33%	53%	35%	32%	5%	0%	63%		
ALL	77%	49%	65%	26%	69%	51%	29%	22%	14%	12%	40%		

fastball. If you do get ahead, anything in the zone would swing at as it will most likely be in the hot zone.

Manny Machado vs LHP													
Pitch	Usage	Zone %	Z-Swing %	Heart %	H-Swing %	O-Zone %	Chase %	Whiff %	Z-Whiff %	H–Whiff %	O-Whiff %		
4-Seam	42%	55%	74%	31%	74%	45%	18%	23%	22%	12%	29%		
Changeup													
Curveball	6%	31%	50%	9%	67%	69%	50%	38%	0%	0%	55%		
Cutter	7%	44%	87%	18%	100%	56%	11%	33%	38%	17%	0%		
Sinker	13%	59%	51%	32%	76%	41%	26%	11%	5%	6%	29%		
Slider	11%	48%	73%	26%	79%	52%	32%	21%	16%	18%	33%		
Sweeper	1%	29%	50%	0%	_	71%	80%	20%	0%	_	25%		
ALL	21%	49%	70%	25%	77%	51%	26%	26%	20%	12%	42%		

Max Fried 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%	39%	44%	28%	26%	31%	9%	39%		
Changeup	60%	40%	60%	42%	48%	31%	29%	37%	6%	27%		
Curveball	64%	36%	64%	32%	39%	18%	37%	42%	18%	52%		
Cutter	57%	43%	57%	26%	25%	29%	50%	50%	50%	50%		
Sinker	62%	38%	62%	61%	67%	39%	48%	54%	11%	55%		
Slider	65%	35%	65%	38%	57%	0%	40%	40%	_	50%		
Sweeper	64%	36%	64%	10%	14%	5%	0%	0%	0%	0%		
ALL	64%	36%	64%	39%	46%	24%	33%	39%	12%	42%		

	Manny Machado LHP													
Pitch	Strike %	Ball %	O-Strike %	BIP %	Z-BIP %	O-BIP %	Hard-Hit %	Z-H-Hit %	O-H-Hit %	Heart-H-Hit %				
4-Seam	63%	37%	63%	38%	40%	24%	56%	60%	25%	55%				
Changeup	47%	53%	47%	43%	52%	14%	38%	42%	0%	44%				
Curveball	72%	28%	72%	31%	40%	27%	60%	100%	33%	100%				
Cutter	50%	50%	50%	33%	31%	50%	20%	25%	0%	50%				
Sinker	71%	29%	71%	56%	70%	14%	80%	86%	0%	100%				
Slider	67%	33%	67%	50%	68%	11%	36%	38%	0%	38%				
Sweeper	86%	14%	86%	40%	100%	25%	0%	0%	0%					
ALL	63%	37%	63%	41%	48%	22%	50%	57%	13%	59%				

Max Fried vs RHH													
Pitch	wOBA	xwOBA	xBA	BABIP	ISO	Z-woba	Z-xwOBA	Z-xBA	Z-BABIP	Z-ISO			
4-Seam	.299	.315	.305	.187	.042	.291	.298	.330	.259	.067			
Changeup	.238	.291	.302	.186	.093	.287	.314	.317	.233	.133			
Curveball	.195	.241	.307	.105	.095	.220	.250	.298	.137	.137			
Cutter	.383	.426	.457	.200	.267	.693	.661	.470	.286	.571			
Sinker	.277	.331	.366	.213	.034	.247	.329	.389	.232	.043			
Slider	.197	.249	.284	.125	.094	.267	.347	.284	.190	.143			
Sweeper	.060	.032	.123	.000	.000	.000	.059	.140	.000	.000			

Manny Machado vs LHP												
Pitch	wOBA	xwOBA	xBA	BABIP	ISO	Z-wOBA	Z-xwOBA	Z-xBA	Z-BABIP	Z-ISO		
4-Seam	.371	.393	.380	.179	.232	.369	.404	.373	.190	.310		
Changeup	.476	.497	.456	.176	.353	.529	.555	.493	.214	.429		
Curveball	.200	.181	.263	.222	.000	.450	.485	.333	.500	.000		
Cutter	.256	.284	.252	.111	.000	.000	.084	.139	.000	.000		
Sinker	.448	.387	.430	.273	.182	.456	.371	.448	.353	.235		
Slider	.189	.306	.295	.167	.000	.208	.366	.314	.231	.000		
Sweeper	.000	.013	.024	.000	.000	.000	.000	.001	.000	.000		

Max Fried vs RHH												
Pitch	O-wOBA	O-xwOBA	O-xBA	O-BABIP	O-ISO	H-wOBA	H-xwOBA	H-xBA	H-BABIP	H-ISO		
4-Seam	.314	.344	.219	.063	.000	.293	.337	.339	.265	.060		
Changeup	.123	.239	.258	.077	.000	.230	.264	.285	.219	.094		
Curveball	.137	.218	.343	.031	.000	.301	.294	.316	.178	.222		
Cutter	.112	.220	.438	.125	.000	.725	.679	.405	.250	.750		
Sinker	.380	.339	.225	.150	.000	.203	.302	.362	.205	.051		
Slider	.064	.063	_	.000	.000	.313	.368	.294	.200	.200		
Sweeper	.112	.007	.071	.000	.000	.000	.083	.140	.000	.000		

Manny Machado 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	.379	.362	.438	.143	.000	.484	.465	.408	.200	.440		
Changeup	.233	.246	.046	.000	.000	.470	.631	.595	.300	.300		
Curveball	.129	.094	.216	.143	.000	.000	.285	.166	.000	.000		
Cutter	.767	.685	.703	.333	.000	.000	.238	.264	.000	.000		
Sinker	.420	.443	.186	.000	.000	.485	.420	.453	.500	.100		
Slider	.140	.148	.057	.000	.000	.225	.389	.296	.250	.000		
Sweeper	.000	.019	.046	.000	.000		_	<u>—</u>				

												<del>_</del>	
Max Fried Usage By Count RHH													
4S-	38.9%	27.7%	26.6%	32.8%	30.1%	27.8%	53.8%	38.5%	28.4%	85.7%	67.3%	54.5%	
SI-	14.2%	9.9%	13.7%	11.1%	6.6%	12.4%	12.3%	17.4%	14.2%	0.0%	19.2%	11.9%	
FC-	4.7%	5.3%	6.5%	3.7%	1.8%	3.8%	6.2%	5.5%	4.3%	14.3%	5.8%	2.0%	
CB-	27.8%	22.8%	25.0%	22.2%	22.1%	23.9%	6.2%	14.7%	25.3%	0.0%	0.0%	15.8%	
SL-	3.2%	5.3%	7.3%	2.6%	3.5%	10.5%	0.0%	3.7%	7.4%	0.0%	0.0%	2.0%	
SW-	5.4%	6.3%	8.1%	4.8%	3.1%	6.7%	0.0%	1.8%	6.8%	0.0%	0.0%	1.0%	
CH-	5.9%	22.8%	12.9%	22.8%	32.7%	14.8%	21.5%	18.3%	13.6%	0.0%	7.7%	12.9%	
	0-0	0-1	0-2	1-0	1-1	1-2	2-0	2-1	2-2	3-0	3-1	3-2	
	Max Fried Zone % By Count RHH												
45-	55.8%	44 0%	36 4%	54 8%	44 1%	46.6%	60.0%	50.0%	41 3%	72 2%	51 4%	61.8%	

Manny Machado Usage By Count LHP													
4S-	40.1%	42.4%	33.3%	38.9%	47.3%	39.1%	52.9%	39.3%	50.0%	40.0%	22.2%	47.8%	
SI-	18.3%	8.5%	37.0%	16.7%	1.8%	10.9%	11.8%	3.6%	7.5%	40.0%	11.1%	4.3%	
FC-	6.3%	6.8%	3.7%	5.6%	9.1%	4.3%	0.0%	14.3%	0.0%	20.0%	33.3%	8.7%	
CB.	7.0%	3.4%	3.7%	3.7%	9.1%	8.7%	11.8%	7.1%	7.5%	0.0%	0.0%	4.3%	
SL-	10.6%	8.5%	3.7%	11.1%	7.3%	13.0%	11.8%	7.1%	15.0%	0.0%	22.2%	21.7%	
SW-	0.7%	1.7%	0.0%	1.9%	1.8%	2.2%	0.0%	0.0%	5.0%	0.0%	0.0%	0.0%	
CH-	11.3%	23.7%	14.8%	18.5%	16.4%	13.0%	11.8%	21.4%	10.0%	0.0%	11.1%	8.7%	
	0-0	0-1	0-2	1-0	1-1	1-2	2-0	2-1	2-2	3-0	3-1	3–2	

	Max Fried Zone % By Count RHH													
4S-	55.8%	44.0%	36.4%	54.8%	44.1%	46.6%	60.0%	50.0%	41.3%	72.2%	51.4%	61.8%		
SI-	53.2%	43.3%	29.4%	61.9%	46.7%	57.7%	25.0%	78.9%	47.8%	0.0%	70.0%	58.3%		
FC-	50.0%	31.2%	12.5%	42.9%	50.0%	12.5%	50.0%	33.3%	0.0%	100.0%	100.0%	100.0%		
CB-	58.7%	33.3%	35.5%	54.8%	56.0%	36.0%	75.0%	50.0%	61.0%	0.0%	0.0%	56.2%		
SL-	44.4%	56.2%	33.3%	100.0%	62.5%	31.8%	0.0%	0.0%	33.3%	0.0%	0.0%	0.0%		
SW-	53.3%	36.8%	50.0%	55.6%	71.4%	28.6%	0.0%	50.0%	36.4%	0.0%	0.0%	100.0%		
CH-	69.7%	26.1%	18.8%	39.5%	39.2%	16.1%	57.1%	60.0%	50.0%	0.0%	50.0%	84.6%		
	0-0	0-1	0-2	1-0	1-1	1-2	2-0	2–1	2-2	3-0	3–1	3–2		

	Manny Machado Zone % By Count LHP													
4S-	66.7%	40.0%	33.3%	52.4%	65.4%	33.3%	55.6%	72.7%	50.0%	50.0%	50.0%	63.6%		
SI-	61.5%	100.0%	40.0%	55.6%	0.0%	60.0%	100.0%	100.0%	66.7%	50.0%	0.0%	0.0%		
FC-	33.3%	50.0%	0.0%	66.7%	40.0%	0.0%	0.0%	75.0%	0.0%	100.0%	0.0%	100.0%		
CB-	50.0%	0.0%	0.0%	100.0%	0.0%	25.0%	50.0%	0.0%	33.3%	0.0%	0.0%	0.0%		
SL-	60.0%	40.0%	0.0%	66.7%	25.0%	33.3%	100.0%	50.0%	16.7%	0.0%	50.0%	60.0%		
SW-	100.0%	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%		
CH-	18.8%	50.0%	25.0%	60.0%	44.4%	33.3%	100.0%	50.0%	0.0%	0.0%	0.0%	100.0%		
	0-0	0-1	0-2	1-0	1-1	1-2	2-0	2-1	2-2	3-0	3-1	3-2		

				Max	Fried C	)–Zone	% By	Count	RHH			
4S-	44.2%	56.0%	63.6%	45.2%	55.9%	53.4%	40.0%	50.0%	58.7%	27.8%	48.6%	38.2%
SI-	46.8%	56.7%	70.6%	38.1%	53.3%	42.3%	75.0%	21.1%	52.2%	0.0%	30.0%	41.7%
FC-	50.0%	68.8%	87.5%	57.1%	50.0%	87.5%	50.0%	66.7%	100.0%	0.0%	0.0%	0.0%
CB-	41.3%	66.7%	64.5%	45.2%	44.0%	64.0%	25.0%	50.0%	39.0%	0.0%	0.0%	43.8%
SL.	55.6%	43.8%	66.7%	0.0%	37.5%	68.2%	0.0%	100.0%	66.7%	0.0%	0.0%	100.0%
SW-	46.7%	63.2%	50.0%	44.4%	28.6%	71.4%	0.0%	50.0%	63.6%	0.0%	0.0%	0.0%
CH-	30.3%	73.9%	81.2%	60.5%	60.8%	83.9%	42.9%	40.0%	50.0%	0.0%	50.0%	15.4%
	0-0	0-1	0-2	1-0	1-1	1-2	2-0	2-1	2-2	3-0	3–1	3–2

			ľ	Manny	Machae	do O–Z	one %	By Cou	ınt LHF			
4S-	33.3%	60.0%	66.7%	47.6%	34.6%	66.7%	44.4%	27.3%	50.0%	50.0%	50.0%	36.4%
SI-	38.5%	0.0%	60.0%	44.4%	100.0%	40.0%	0.0%	0.0%	33.3%	50.0%	100.0%	100.0%
FC-	66.7%	50.0%	100.0%	33.3%	60.0%	100.0%	0.0%	25.0%	0.0%	0.0%	100.0%	0.0%
CB-	50.0%	100.0%	100.0%	0.0%	100.0%	75.0%	50.0%	100.0%	66.7%	0.0%	0.0%	100.0%
SL-	40.0%	60.0%	100.0%	33.3%	75.0%	66.7%	0.0%	50.0%	83.3%	0.0%	50.0%	40.0%
SW-	0.0%	100.0%	0.0%	0.0%	100.0%	100.0%	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%
CH-	81.2%	50.0%	75.0%	40.0%	55.6%	66.7%	0.0%	50.0%	100.0%	0.0%	100.0%	0.0%
	0-0	0-1	0-2	1-0	1-1	1-2	2-0	2–1	2-2	3-0	3–1	3–2

				Ma	x Fried	Heart '	% By C	ount R	НН			
45-	35.5%	20.2%	18.2%	25.8%	23.5%	27.6%	31.4%	33.3%	19.6%	33.3%	22.9%	36.4%
SI-	26.6%	26.7%	17.6%	28.6%	26.7%	23.1%	25.0%	36.8%	34.8%	0.0%	40.0%	33.3%
FC-	30.8%	6.2%	0.0%	28.6%	25.0%	12.5%	25.0%	33.3%	0.0%	0.0%	66.7%	100.0%
CB-	34.8%	23.2%	16.1%	28.6%	24.0%	20.0%	75.0%	25.0%	26.8%	0.0%	0.0%	31.2%
SL-	33.3%	31.2%	11.1%	100.0%	37.5%	22.7%	0.0%	0.0%	33.3%	0.0%	0.0%	0.0%
SW-	36.7%	5.3%	30.0%	44.4%	14.3%	14.3%	0.0%	50.0%	9.1%	0.0%	0.0%	0.0%
CH-	24.2%	4.3%	6.2%	25.6%	12.2%	6.5%	14.3%	20.0%	31.8%	0.0%	50.0%	46.2%
	0-0	0-1	0-2	1-0	1-1	1-2	2-0	2-1	2-2	3-0	3–1	3-2

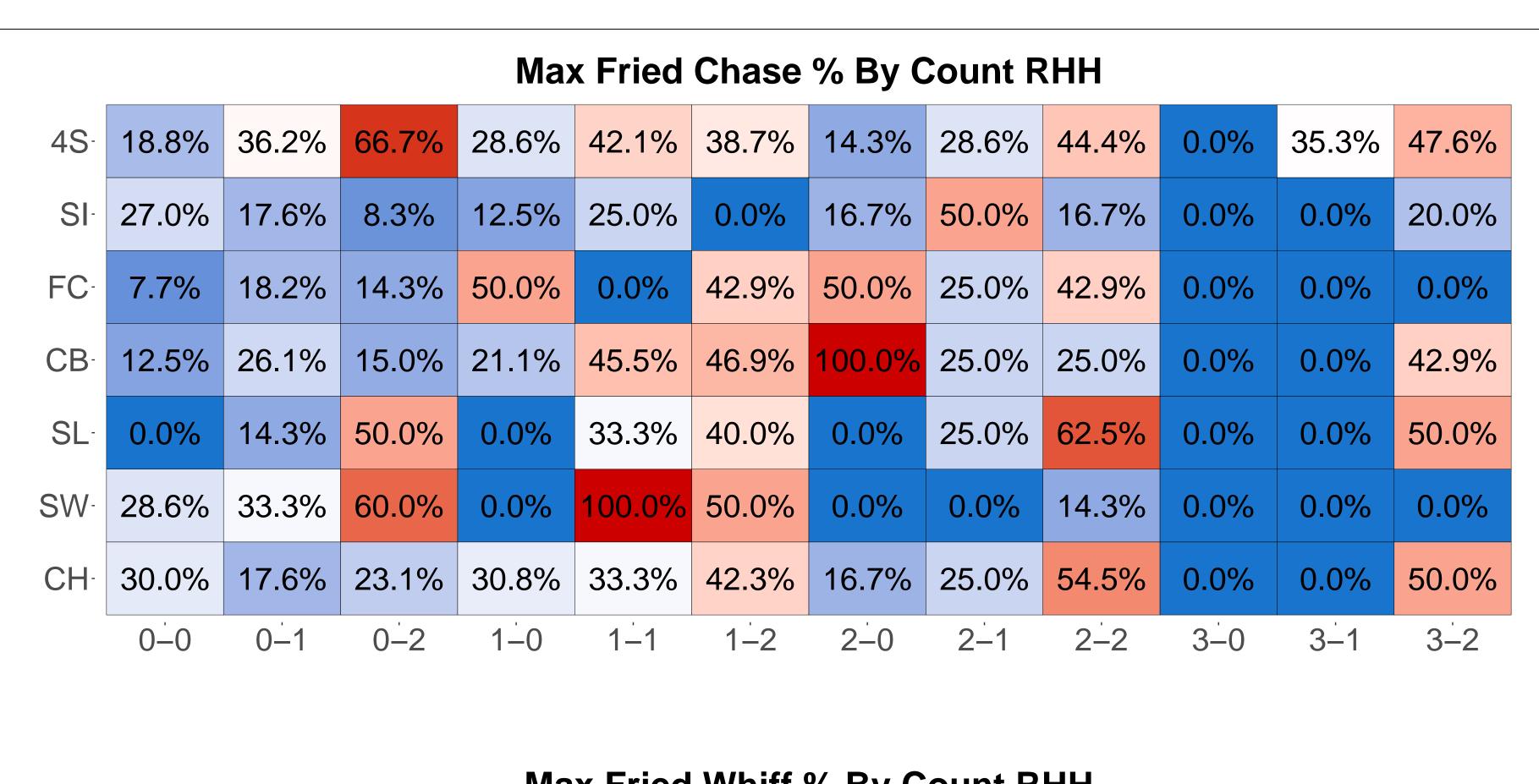
				Manny	/ Macha	ado He	art % B	y Cour	nt LHP			
45	38.6%	28.0%	11.1%	23.8%	34.6%	22.2%	22.2%	36.4%	20.0%	50.0%	50.0%	45.5%
SI-	30.8%	60.0%	30.0%	22.2%	0.0%	20.0%	50.0%	100.0%	33.3%	50.0%	0.0%	0.0%
FC-	0.0%	25.0%	0.0%	33.3%	20.0%	0.0%	0.0%	50.0%	0.0%	100.0%	0.0%	0.0%
CB.	20.0%	0.0%	0.0%	50.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
SL.	40.0%	20.0%	0.0%	16.7%	0.0%	33.3%	50.0%	0.0%	0.0%	0.0%	0.0%	60.0%
SW-	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
CH-	6.2%	28.6%	25.0%	40.0%	22.2%	33.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	0-0	0-1	0-2	1-0	1-1	1-2	2-0	2-1	2-2	3-0	3-1	3-2

				Max	<b>Fried</b>	Swing	% By C	Count R	HH			
45-	33.6%	53.6%	75.8%	48.4%	61.8%	65.5%	40.0%	57.1%	60.9%	5.6%	60.0%	78.2%
SI-	35.4%	46.7%	35.3%	33.3%	46.7%	46.2%	37.5%	63.2%	39.1%	0.0%	50.0%	41.7%
FC-	30.8%	43.8%	25.0%	57.1%	50.0%	50.0%	75.0%	33.3%	42.9%	0.0%	33.3%	100.0%
CB-	17.4%	46.4%	38.7%	31.0%	56.0%	62.0%	50.0%	31.2%	65.9%	0.0%	0.0%	50.0%
SL-	22.2%	62.5%	66.7%	60.0%	75.0%	59.1%	0.0%	25.0%	75.0%	0.0%	0.0%	50.0%
SW-	26.7%	42.1%	60.0%	11.1%	42.9%	50.0%	0.0%	50.0%	45.5%	0.0%	0.0%	100.0%
CH-	54.5%	37.7%	37.5%	51.2%	52.7%	51.6%	50.0%	40.0%	77.3%	0.0%	50.0%	84.6%
	0-0	0-1	0-2	1-0	1-1	1–2	2-0	2-1	2-2	3-0	3–1	3–2

				Manny	Macha	ado Swi	ing % E	By Cou	nt LHP			
45-	45.6%	32.0%	22.2%	42.9%	61.5%	61.1%	44.4%	72.7%	60.0%	0.0%	50.0%	63.6%
SI-	34.6%	40.0%	60.0%	11.1%	100.0%	60.0%	50.0%	100.0%	66.7%	50.0%	0.0%	0.0%
FC-	11.1%	75.0%	0.0%	66.7%	40.0%	0.0%	0.0%	75.0%	0.0%	100.0%	33.3%	100.0%
CB-	20.0%	50.0%	100.0%	50.0%	60.0%	50.0%	50.0%	50.0%	100.0%	0.0%	0.0%	100.0%
SL-	46.7%	40.0%	0.0%	50.0%	25.0%	66.7%	100.0%	50.0%	50.0%	0.0%	0.0%	100.0%
SW-	100.0%	100.0%	0.0%	0.0%	100.0%	100.0%	0.0%	0.0%	50.0%	0.0%	0.0%	0.0%
CH-	25.0%	57.1%	50.0%	50.0%	33.3%	50.0%	0.0%	66.7%	0.0%	0.0%	0.0%	50.0%
	0-0	0-1	0-2	1-0	1-1	1-2	2-0	2-1	2-2	3-0	3–1	3–2

				Max	Fried Z	:–Swin	g % By	Count	RHH			
4S-	45.5%	75.7%	91.7%	64.7%	86.7%	96.3%	57.1%	85.7%	84.2%	7.7%	83.3%	97.1%
SI-	42.9%	84.6%	100.0%	46.2%	71.4%	80.0%	100.0%	66.7%	63.6%	0.0%	71.4%	57.1%
FC-	53.8%	100.0%	100.0%	66.7%	100.0%	100.0%	100.0%	50.0%	0.0%	0.0%	33.3%	100.0%
CB-	20.9%	87.0%	81.8%	39.1%	64.3%	88.9%	33.3%	37.5%	92.0%	0.0%	0.0%	55.6%
SL-	50.0%	100.0%	100.0%	60.0%	100.0%	100.0%	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%
SW-	25.0%	57.1%	60.0%	20.0%	20.0%	50.0%	0.0%	100.0%	100.0%	0.0%	0.0%	100.0%
CH-	65.2%	94.4%	100.0%	82.4%	82.8%	100.0%	75.0%	50.0%	100.0%	0.0%	100.0%	90.9%
	0-0	0-1	0-2	1-0	1-1	1-2	2-0	2–1	2-2	3-0	3–1	3–2

			N	lanny I	Machad	lo Z-Sv	wing %	By Co	unt LHI	P		
4S-	63.2%	70.0%	66.7%	63.6%	76.5%	100.0%	80.0%	100.0%	90.0%	0.0%	100.0%	85.7%
SI-	50.0%	40.0%	75.0%	20.0%	0.0%	33.3%	50.0%	100.0%	100.0%	100.0%	0.0%	0.0%
FC-	33.3%	100.0%	0.0%	100.0%	100.0%	0.0%	0.0%	100.0%	0.0%	100.0%	0.0%	100.0%
CB-	20.0%	0.0%	0.0%	50.0%	0.0%	100.0%	100.0%	0.0%	100.0%	0.0%	0.0%	0.0%
SL-	66.7%	50.0%	0.0%	75.0%	0.0%	100.0%	100.0%	100.0%	100.0%	0.0%	0.0%	100.0%
SW-	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
CH-	100.0%	85.7%	100.0%	66.7%	75.0%	100.0%	0.0%	100.0%	0.0%	0.0%	0.0%	50.0%
	0-0	0-1	0-2	1-0	1-1	1-2	2-0	2-1	2-2	3-0	3-1	3-2



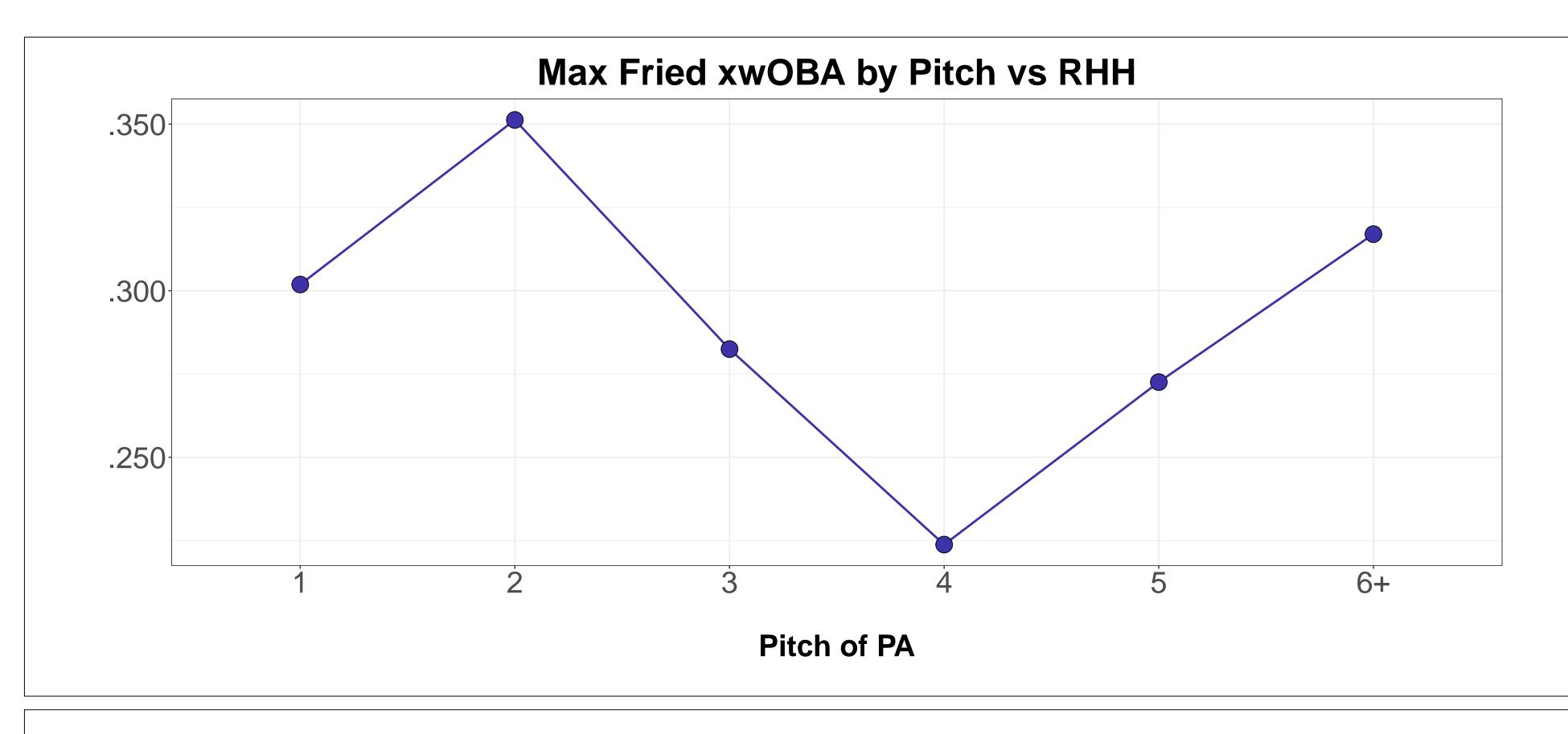
				Manny	Macha	ado Cha	ase % E	By Cou	nt LHP			
4S-	10.5%	6.7%	0.0%	20.0%	33.3%	41.7%	0.0%	0.0%	30.0%	0.0%	0.0%	25.0%
SI-	10.0%	0.0%	50.0%	0.0%	100.0%	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
FC-	0.0%	50.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	33.3%	0.0%
CB-	20.0%	50.0%	100.0%	0.0%	60.0%	33.3%	0.0%	50.0%	100.0%	0.0%	0.0%	100.0%
SL-	16.7%	33.3%	0.0%	0.0%	33.3%	50.0%	0.0%	0.0%	40.0%	0.0%	0.0%	100.0%
SW-	0.0%	100.0%	0.0%	0.0%	100.0%	100.0%	0.0%	0.0%	50.0%	0.0%	0.0%	0.0%
CH-	7.7%	28.6%	33.3%	25.0%	0.0%	25.0%	0.0%	33.3%	0.0%	0.0%	0.0%	0.0%
	0-0	0-1	0-2	1-0	1-1	1-2	2-0	2-1	2-2	3-0	3-1	3–2

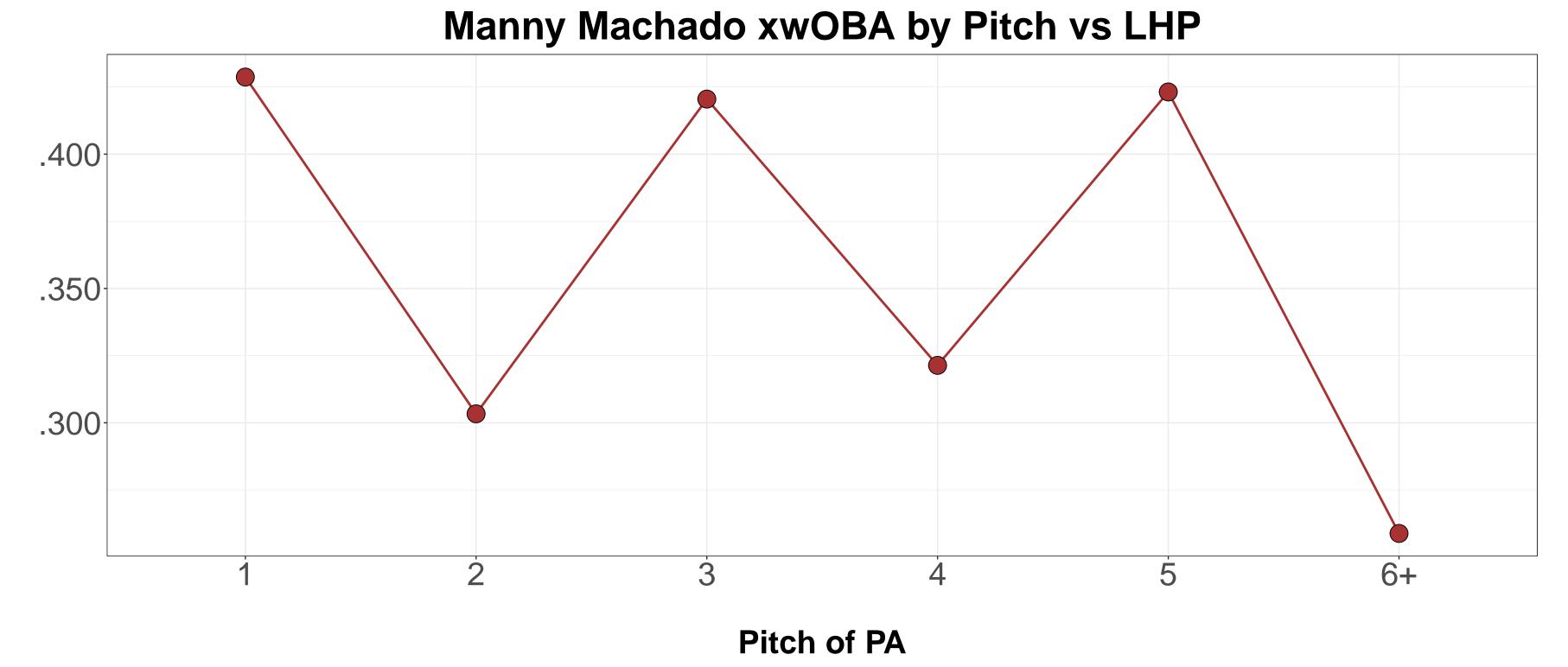
				Ма	x Fried	Whitt	% By C	ount R	НН			
4S-	20.5%	24.4%	28.0%	13.3%	11.9%	18.4%	7.1%	12.5%	28.6%	0.0%	4.8%	9.3%
SI-	14.3%	0.0%	0.0%	0.0%	14.3%	16.7%	33.3%	8.3%	11.1%	0.0%	20.0%	0.0%
FC-	25.0%	14.3%	50.0%	50.0%	0.0%	25.0%	0.0%	0.0%	66.7%	0.0%	0.0%	0.0%
CB.	40.7%	21.9%	41.7%	30.8%	25.0%	48.4%	0.0%	40.0%	29.6%	0.0%	0.0%	25.0%
SL-	50.0%	10.0%	16.7%	0.0%	16.7%	23.1%	0.0%	100.0%	44.4%	0.0%	0.0%	100.0%
SW-	37.5%	37.5%	50.0%	0.0%	33.3%	42.9%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
CH-	33.3%	26.9%	16.7%	22.7%	33.3%	12.5%	0.0%	25.0%	23.5%	0.0%	50.0%	9.1%
	0-0	0-1	0-2	1-0	1-1	1–2	2-0	2-1	2-2	3-0	3-1	3-2

				Manny	/ Macha	ado Wh	niff % B	y Cour	nt LHP			
4S-	23.1%	12.5%	50.0%	22.2%	18.8%	36.4%	25.0%	25.0%	25.0%	0.0%	0.0%	14.3%
SI-	0.0%	50.0%	0.0%	0.0%	100.0%	33.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
FC-	100.0%	0.0%	0.0%	50.0%	0.0%	0.0%	0.0%	33.3%	0.0%	0.0%	0.0%	100.0%
CB-	50.0%	0.0%	100.0%	0.0%	0.0%	50.0%	0.0%	100.0%	66.7%	0.0%	0.0%	0.0%
SL-	14.3%	0.0%	0.0%	33.3%	100.0%	25.0%	50.0%	0.0%	33.3%	0.0%	0.0%	0.0%
SW-	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%
CH-	50.0%	12.5%	100.0%	60.0%	33.3%	0.0%	0.0%	25.0%	0.0%	0.0%	0.0%	0.0%
	0-0	0-1	0-2	1-0	1-1	1-2	2-0	2-1	2-2	3-0	3–1	3-2

				Max	Fried	In Play	% By (	Count F	RHH			
4S-	43.8%	37.8%	28.0%	53.3%	33.3%	39.5%	21.4%	41.7%	21.4%	100.0%	33.3%	51.2%
SI-	60.7%	50.0%	83.3%	85.7%	28.6%	58.3%	66.7%	41.7%	77.8%	0.0%	60.0%	100.0%
FC-	0.0%	42.9%	0.0%	25.0%	50.0%	50.0%	0.0%	50.0%	33.3%	0.0%	0.0%	50.0%
CB-	25.9%	28.1%	41.7%	46.2%	28.6%	19.4%	0.0%	40.0%	48.1%	0.0%	0.0%	37.5%
SL-	0.0%	80.0%	50.0%	33.3%	50.0%	23.1%	0.0%	0.0%	22.2%	0.0%	0.0%	0.0%
SW-	12.5%	0.0%	0.0%	0.0%	0.0%	14.3%	0.0%	100.0%	20.0%	0.0%	0.0%	0.0%
CH-	44.4%	42.3%	16.7%	50.0%	25.6%	43.8%	42.9%	37.5%	58.8%	0.0%	50.0%	63.6%
	0-0	0-1	0-2	1-0	1-1	1–2	2-0	2-1	2–2	3-0	3–1	3–2

	Manny Machado In Play % By Count LHP											
4S-	50.0%	50.0%	50.0%	22.2%	43.8%	18.2%	25.0%	25.0%	33.3%	0.0%	0.0%	42.9%
SI-	88.9%	0.0%	16.7%	100.0%	0.0%	33.3%	0.0%	100.0%	100.0%	100.0%	0.0%	0.0%
FC-	0.0%	66.7%	0.0%	0.0%	50.0%	0.0%	0.0%	33.3%	0.0%	0.0%	100.0%	0.0%
CB-	50.0%	100.0%	0.0%	0.0%	33.3%	0.0%	100.0%	0.0%	0.0%	0.0%	0.0%	100.0%
SL-	57.1%	50.0%	0.0%	66.7%	0.0%	50.0%	50.0%	0.0%	33.3%	0.0%	0.0%	60.0%
SW-	100.0%	0.0%	0.0%	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
CH-	25.0%	62.5%	0.0%	0.0%	66.7%	100.0%	0.0%	50.0%	0.0%	0.0%	0.0%	0.0%
'	0-0	0-1	0-2	1-0	1-1	1–2	2-0	2-1	2-2	3-0	3–1	3–2

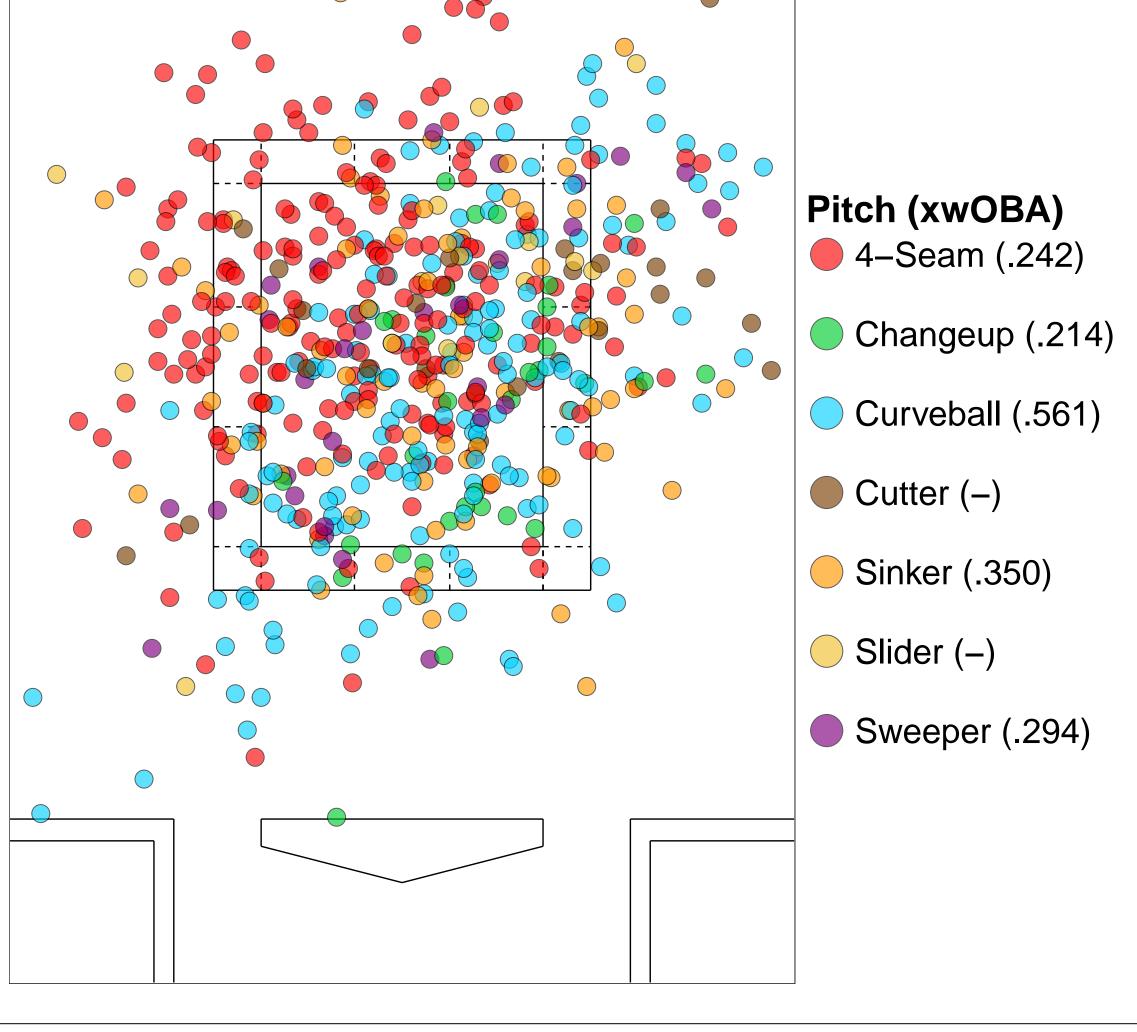




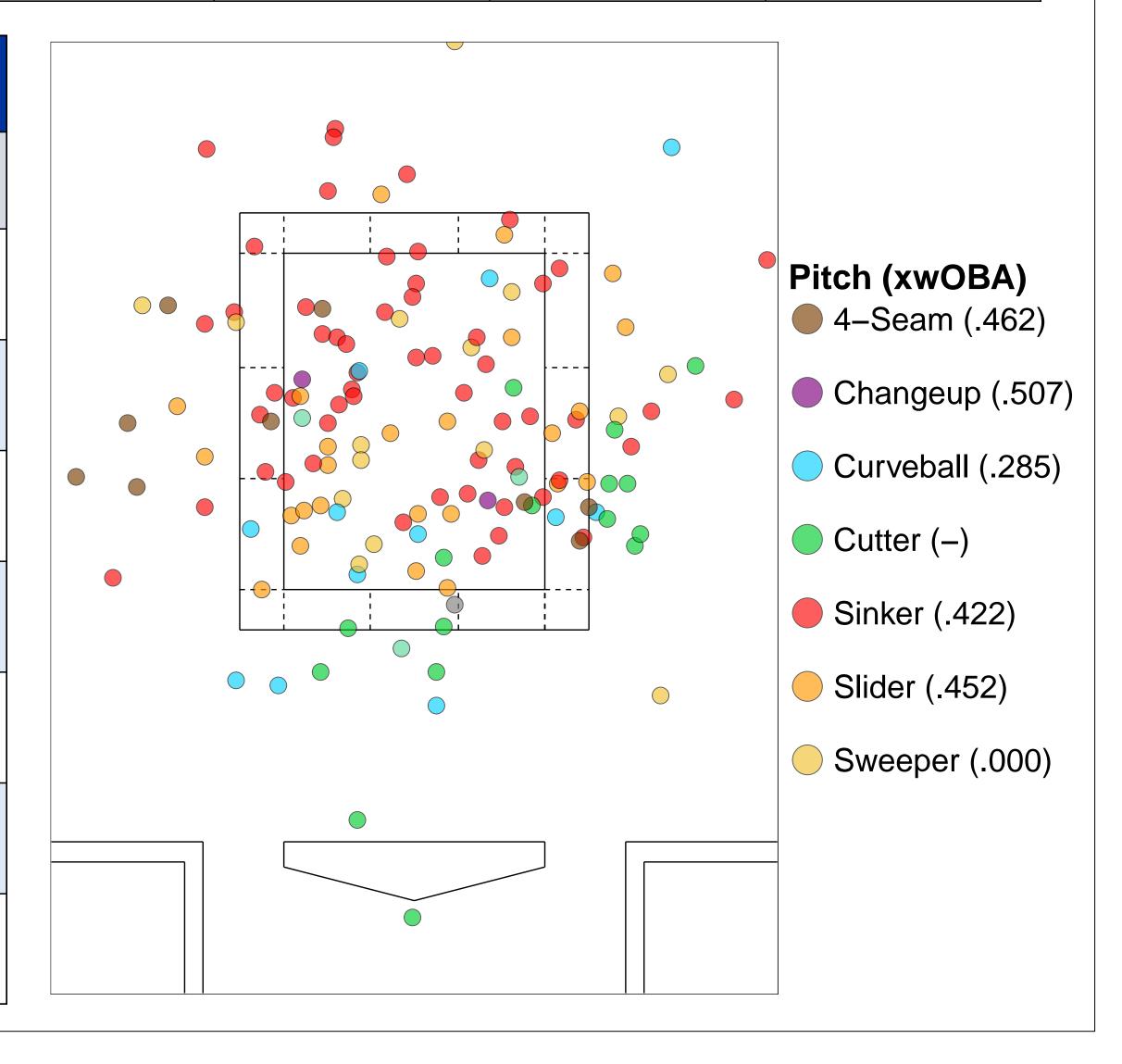
Max Fried 1st-Pitch Usage vs RHH								
Most Frequent	After Strikeout	After Walk	After Field Out	After Hit	Men in Scoring			
4-Seam (38.9%)	4-Seam (35.9%)	Curveball (28.6%)	4-Seam (41.3%)	4-Seam (41.7%)	Curveball (42.7%)			

Manny Machado 1st-Pitch Swing % vs LHP									
1st Time Seeing	2nd Time Seeing	3rd Time Seeing	After Strikeout	After Hit	Men in Scoring				
39%	31%	46%	34%	34%	50%				

Max Fried vs RHH								
Pitch	Pitch Zone		Heart Swing					
4S	56%	35%	34%	44%				
CU	59%	35%	17%	26%				
SI	53%	27%	35%	61%				
СН	70%	24%	55%	44%				
SW	53%	37%	27%	12%				
SL	44%	33%	22%	0%				
СТ	50%	31%	31%	0%				



Manny Machado vs LHP								
Pitch	Zone	Heart	Swing	BIP				
4S	67%	39%	46%	50%				
SI	62%	31%	35%	89%				
SL	60%	40%	47%	57%				
СТ	33%	0%	11%	0%				
СН	19%	6%	25%	25%				
SW	100%	0%	100%	100%				
CU	50%	20%	20%	50%				



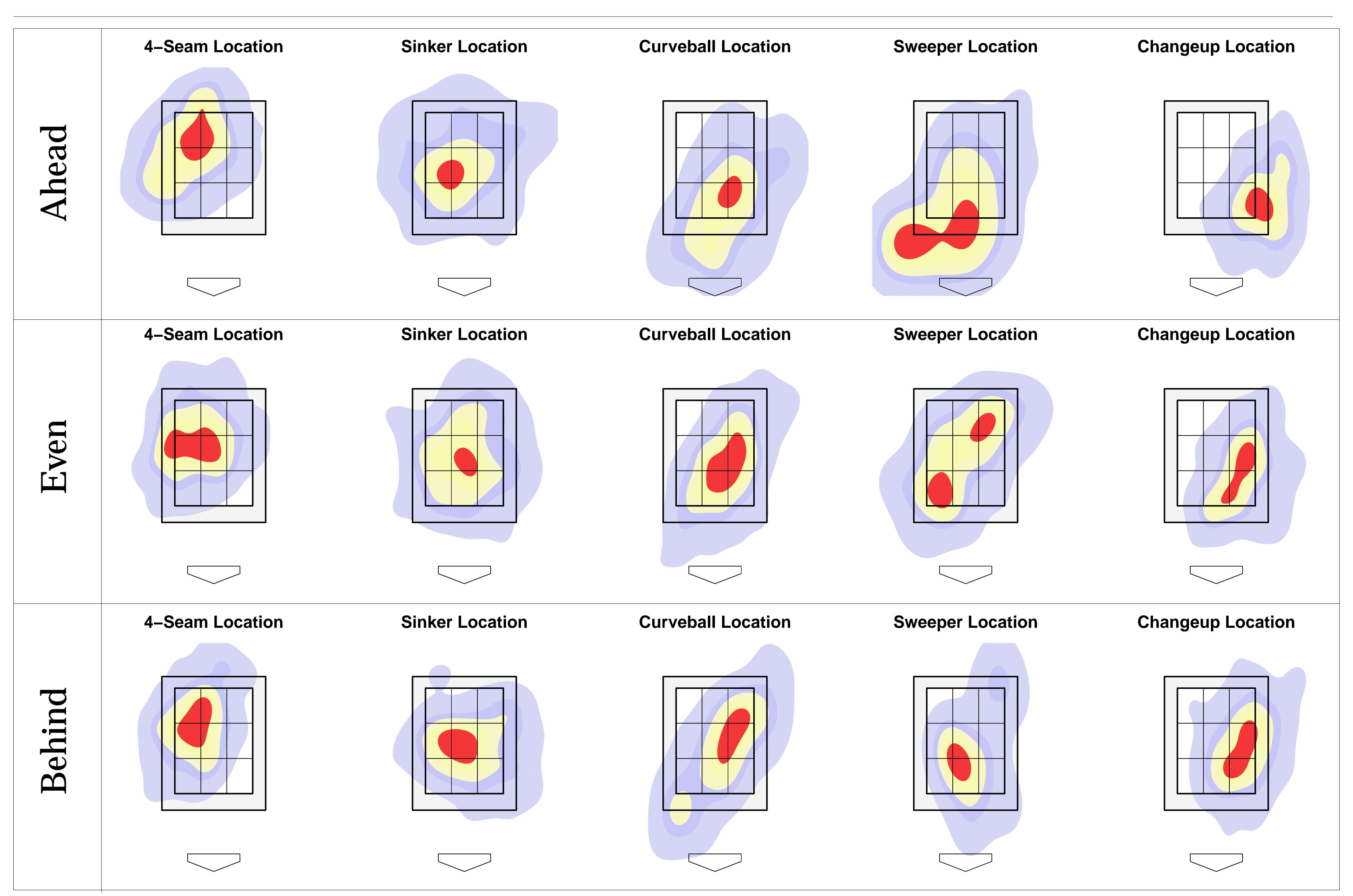
Max Fried Two Pitch Sequences vs RHH								
Sequence	Usage	Usage Swing % Whiff		Chase %	Zone %			
4S-4S	14.1%	53.2%	11.4%	31.9%	50.7%			
4S-CU	8.0%	40.3%	25.0%	24.7%	51.6%			
CU-4S	6.8%	54.1%	24.7%	37.5%	46.7%			
CU-CU	6.6%	45.4%	30.5%	32.3%	50.0%			
CH-4S	6.1%	48.3%	19.0%	29.1%	54.2%			

Manny Machado Two Pitch Sequences vs LHP								
Sequence	Usage	Swing %	Whiff %	Chase %	BIP %			
FAST-FAST	36.9%	45.5%	29.5%	21.4%	26.2%			
FAST-BRK	13.5%	59.2%	24.1%	50.0%	44.8%			
BRK-FAST	12.4%	55.6%	16.0%	26.3%	52.0%			
FAST-OFF	11.6%	42.9%	38.9%	20.8%	38.9%			
OFF-FAST	11.0%	60.0%	12.5%	35.0%	33.3%			

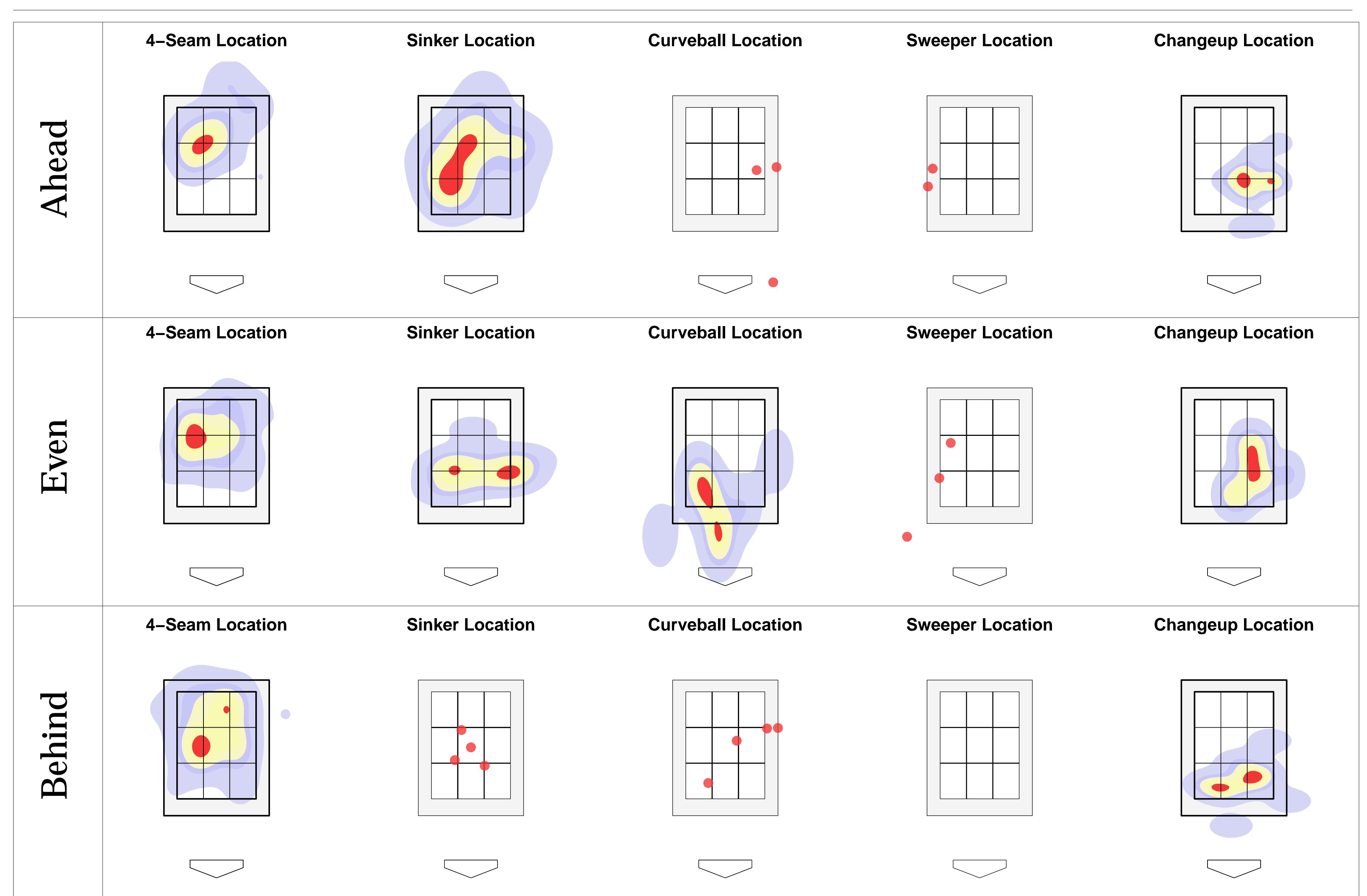
	Max Fried Situational Results vs RHH									
Pitch	Situation	Usage	Zone %	Heart %	Chase %	Whiff %	BIP %	wOBA		
	Ahead	28%	43%	22%	43%	23%	36%	.193		
4-Seam	Even	35%	51%	31%	29%	20%	36%	.259		
	Behind	46%	57%	30%	30%	10%	44%	.393		
	Ahead	11%	45%	23%	10%	6%	59%	.213		
Sinker	Even	12%	51%	28%	25%	14%	59%	.223		
	Behind	13%	63%	33%	19%	9%	66%	.392		
	Ahead	5%	22%	6%	24%	23%	38%	.307		
Cutter	Even	4%	41%	24%	18%	31%	15%	.500		
	Behind	5%	60%	36%	40%	17%	25%	.400		
	Ahead	24%	35%	21%	31%	36%	27%	.096		
Curveball	Even	26%	59%	31%	22%	32%	34%	.258		
Curveball	Behind	15%	55%	31%	29%	29%	39%	.305		
Slider	Ahead	7%	40%	23%	36%	17%	48%	.295		
	Even	4%	45%	34%	29%	37%	26%	.000		
	Behind	2%	45%	45%	33%	40%	20%	.233		
	Ahead	7%	37%	14%	44%	43%	5%	.000		
Sweeper	Even	5%	52%	27%	30%	25%	12%	.300		
	Behind	2%	58%	42%	0%	0%	33%	.000		
	Ahead	18%	22%	5%	26%	21%	40%	.280		
Changeup	Even	14%	49%	19%	36%	31%	38%	.173		
	Behind	18%	53%	27%	27%	18%	50%	.272		
	Ahead	30%	36%	18%	31%	25%	36%	.186		
Total	Even	45%	52%	29%	27%	25%	37%	.229		
	Behind	25%	57%	31%	28%	14%	46%	.359		

Manny Machado Situational Results vs LHP									
Pitch	Situation	Usage	Zone %	Heart %	Chase %	Whiff %	BIP %	wOBA	
	Ahead	39%	37%	23%	18%	29%	33%	.292	
4-Seam	Even	43%	63%	34%	21%	22%	44%	.418	
	Behind	41%	59%	32%	13%	21%	28%	.353	
	Ahead	15%	60%	35%	62%	18%	18%	.300	
Sinker	Even	13%	60%	30%	17%	8%	83%	.505	
	Behind	12%	56%	31%	0%	0%	75%	.500	
	Ahead	5%	29%	14%	20%	0%	67%	.000	
Cutter	Even	6%	36%	7%	0%	33%	33%	.000	
	Behind	10%	62%	31%	20%	44%	22%	.383	
	Ahead	5%	14%	0%	50%	50%	25%	.000	
Curveball	Even	8%	33%	11%	50%	38%	25%	.225	
	Behind	5%	43%	14%	50%	25%	50%	.450	
	Ahead	9%	33%	25%	38%	17%	50%	.225	
Slider	Even	11%	44%	24%	29%	27%	45%	.000	
	Behind	12%	65%	29%	33%	18%	55%	.312	
	Ahead	2%	0%	0%	100%	0%	50%	.000	
Sweeper	Even	2%	25%	0%	67%	33%	33%	.000	
	Behind	1%	100%	0%	_	_	_	_	
	Ahead	18%	42%	29%	29%	23%	62%	.380	
Changeup	Even	12%	24%	10%	5%	43%	43%	.300	
	Behind	15%	62%	19%	25%	40%	20%	.850	
	Ahead	26%	38%	23%	30%	24%	40%	.251	
Total	Even	47%	49%	24%	26%	28%	45%	.341	
	Behind	27%	60%	29%	20%	26%	36%	.451	

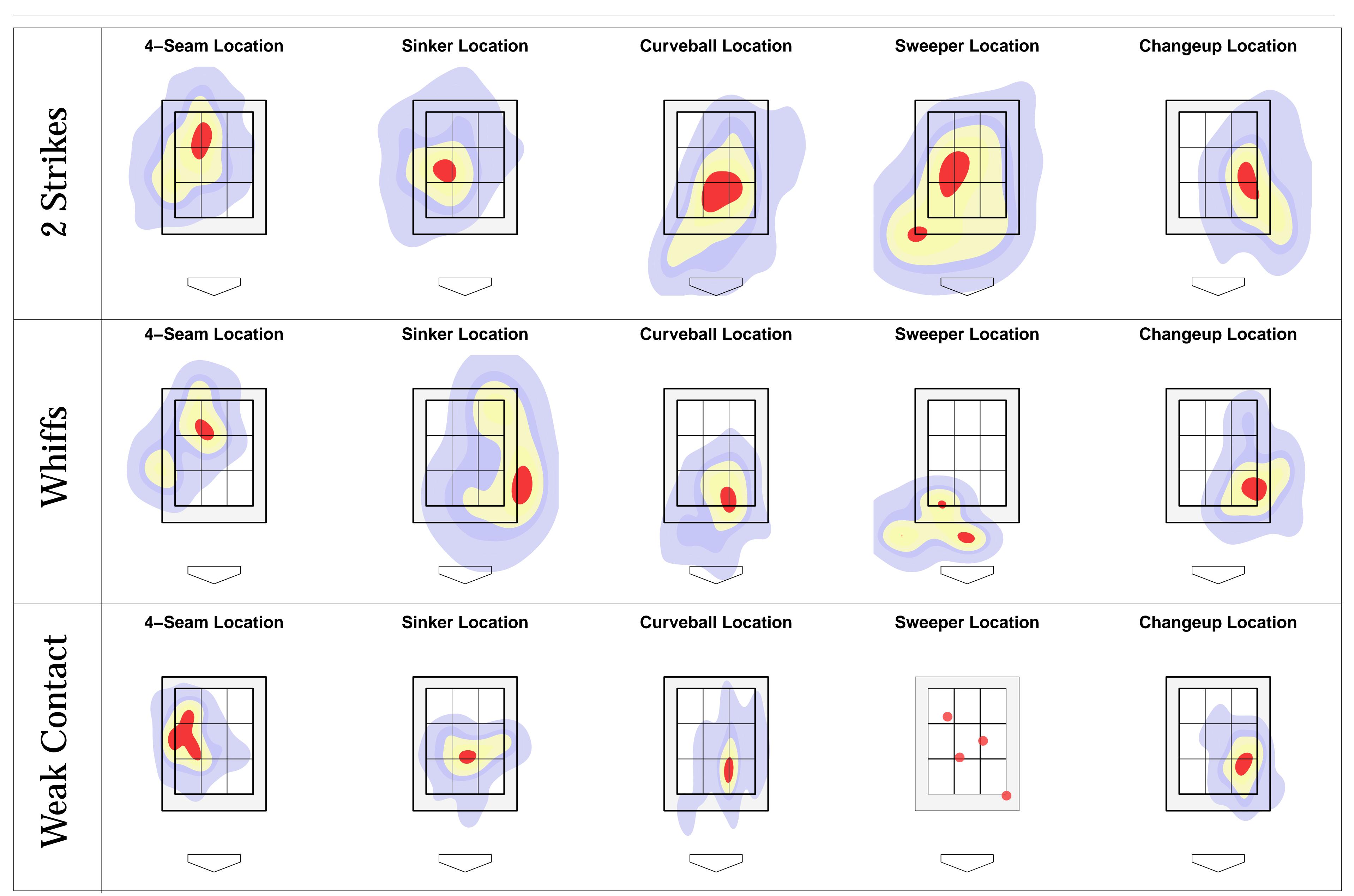
#### Max Fried vs RHH Pitch Location



## Manny Machado vs LHP Swing Location



#### Max Fried vs RHH Pitch Location



## Manny Machado vs LHP Swing Location

