zone-4S that will come back later.

#### Notes

Facing RHH, Peralta mainly uses his 4S/SL & will go to the CH/CB less often. SL is in–zone less than 40% of the time, but he does drop CB in the zone ~50% of the time. Chase pitch is mainly the CH, does get a 26% chase on his SL. When he gets a chase on the SL/CB whiffs 62%/90% of the time. 4S/CH have high–hard hit rates especially in the 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 has been hit hard w/ .348 xwOBA. Little actual damage has been done when he throws it oustide all pitches have a .000 O–ISO expect the SL w/ a .023 ISO. Starts off w/ a 4S or SL & both in–zone over 50% of the time. Mixes the 2K pitch choice w/ 4S/SL & both barely in zone. 2K SL in zone less than 20% of the time. Does not get many 1st–Pitch zone swings, would expect him to drop in a strike 1st pitch. When he gets ahead, his zone rate is 30% vs when he is behind 50%. Throws back–to–back 4S most, & 2nd 4S in–zone 61% of the time. When he comes back w/ a SL after 4S in–zone 30% of the time, & gets a whiff 40% of the time. 4S hangs around the middle of the zone often, when he is behind all pitches are mainly in the zone. CH plays low & in difficult to hit. Gets a lot of weak contact w/ 4S low in the zone, can be good to use if he gets behind. 2K 4S is up & away, SL & CB both low & away. Overall would throw first pitch in–zone starting off w/ a SL he barely swings. Come back w/ a high & outside 4S or stay w/ SL until 2K then high & out 4S. CH will also play a big role vs Alonso.

Facing RHP, Alonso is discipline vs the 4S. Only sees RHP CH 4% but chased them 40% of the time. Zone–Whiff vs Chase–Whiff is 12%–50% so if you do get a chase out of him (most likely on the off–speed), better chance at not getting contact. Anything w/in the zone has a high chance of being hit–hard lowest is the SL but still 40% Z–Hard–Hit. .381 xwOBA on 4S & a zone wOBA of .412 is the dangerous thrown to Alonso. .381 Z–ISO, shows a lot of damage being done vs a 4S. wOBA drops vs the SL, especially when he chases it .160 O–wOBA & a .000 O–ISO vs the SL. Wont swing much 1st pitch vs SL (especially in–zone) & 4S is less than 50%. Definelty a hole here, can exploit it to get ahead early. Does not chase 4S early will start to go after SL later in the count if behind, but if ahead waits for something in the zone. Back–to–Back breaks is where he chases the most & will whiff on the 2nd breaking ball 43% of the time. .478 wOBA vs 4S when pitcher is behind, will punish zone–4S. Swings at the high 4S, which is where his hard–hits come from. SL left in–zone gets hit–hard. SL low & away toughest for Alonso. Off–Speeds are barely in the zone 4S has been very hittable w/in the zone. If you get behind early expect everything outside the zone & work back the count to get

	Freddy Peralta vs RHH										
Pitch	Usage	Zone %	Z–Swing %	Heart %	H-Swing %	O-Zone %	Chase %	Whiff %	Z-Whiff %	H–Whiff %	O-Whiff %
4-Seam	52%	55%	71%	29%	76%	45%	21%	17%	16%	14%	22%
Changeup	11%	31%	84%	11%	89%	69%	41%	40%	37%	44%	43%
Curveball	6%	48%	67%	28%	69%	52%	21%	38%	20%	11%	90%
Slider	31%	37%	69%	21%	69%	63%	26%	40%	26%	22%	62%
ALL	49%	46%	71%	25%	74%	54%	26%	28%	20%	18%	45%

	Pete Alonso vs RHP										
Pitch	Usage	Zone %	Z–Swing %	Heart %	H-Swing %	O-Zone %	Chase %	Whiff %	Z–Whiff %	H–Whiff %	O-Whiff %
4-Seam	27%	55%	67%	28%	76%	45%	18%	19%	17%	16%	27%
Changeup	4%	46%	75%	23%	61%	54%	40%	18%	11%	9%	29%
Curveball	5%	38%	43%	18%	53%	62%	30%	41%	0%	0%	76%
Slider	22%	40%	53%	19%	57%	60%	33%	37%	12%	6%	64%
ALL	73%	49%	60%	24%	65%	51%	26%	24%	12%	9%	50%

	Freddy Peralta 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	65%	35%	65%	34%	37%	20%	45%	49%	13%	58%		
Changeup	62%	38%	62%	20%	29%	11%	59%	67%	40%	75%		
Curveball	59%	41%	59%	25%	33%	0%	20%	20%		14%		
Slider	55%	45%	55%	32%	38%	22%	26%	33%	6%	38%		
ALL	61%	39%	61%	31%	36%	18%	39%	45%	14%	51%		

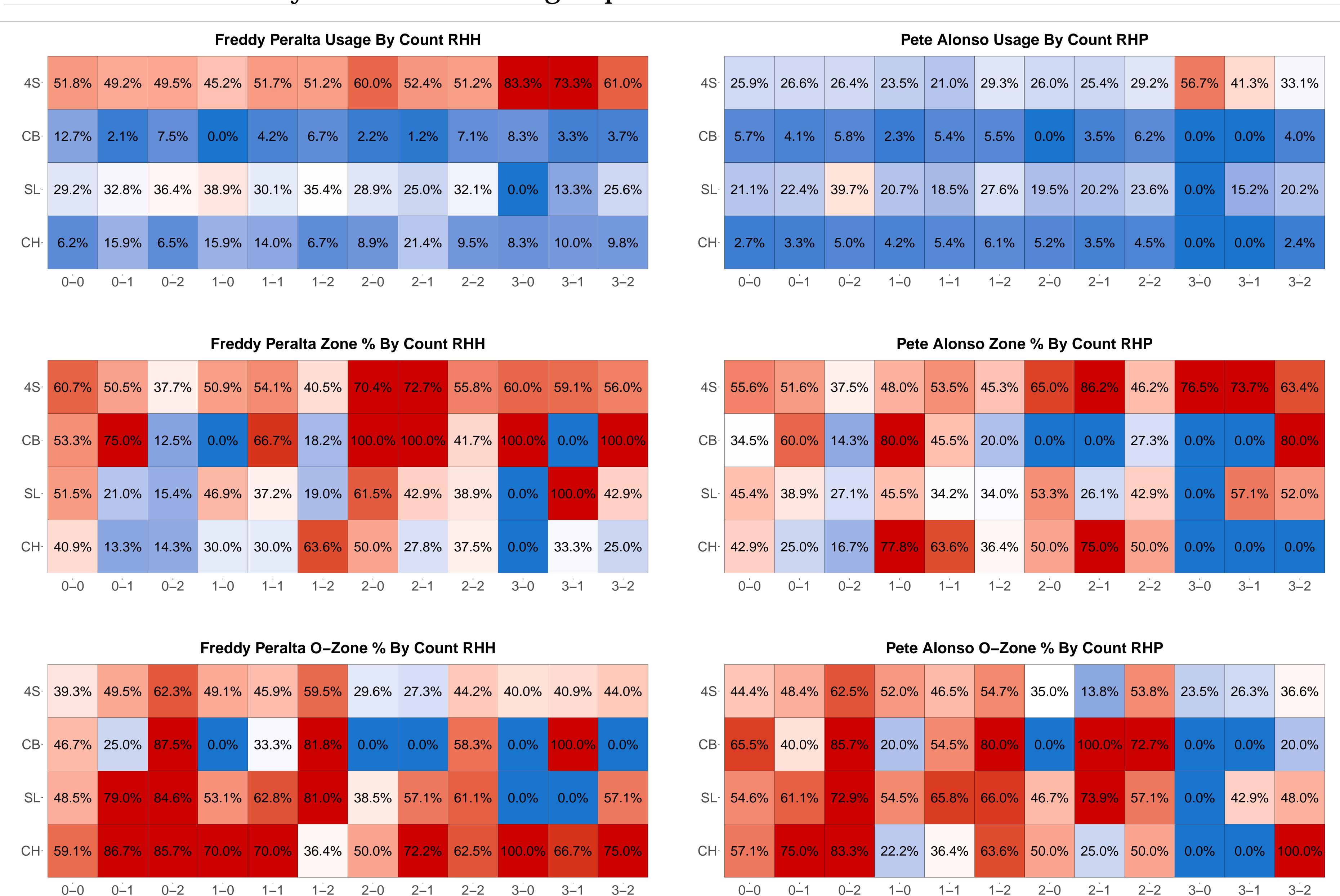
	Pete Alonso RHP										
Pit	ch	Strike %	Ball %	O-Strike %	BIP %	Z-BIP %	O-BIP %	Hard-Hit %	Z-H-Hit %	O-H-Hit %	Heart-H-Hit %
4-S	eam	64%	36%	64%	31%	32%	29%	45%	48%	31%	55%
Chan	geup	71%	29%	71%	39%	44%	29%	71%	67%	80%	43%
Curv	eball	55%	45%	55%	38%	60%	18%	50%	56%	33%	75%
Slic	der	61%	39%	61%	35%	45%	24%	33%	40%	19%	38%
AL		63%	37%	63%	37%	42%	26%	47%	51%	33%	57%

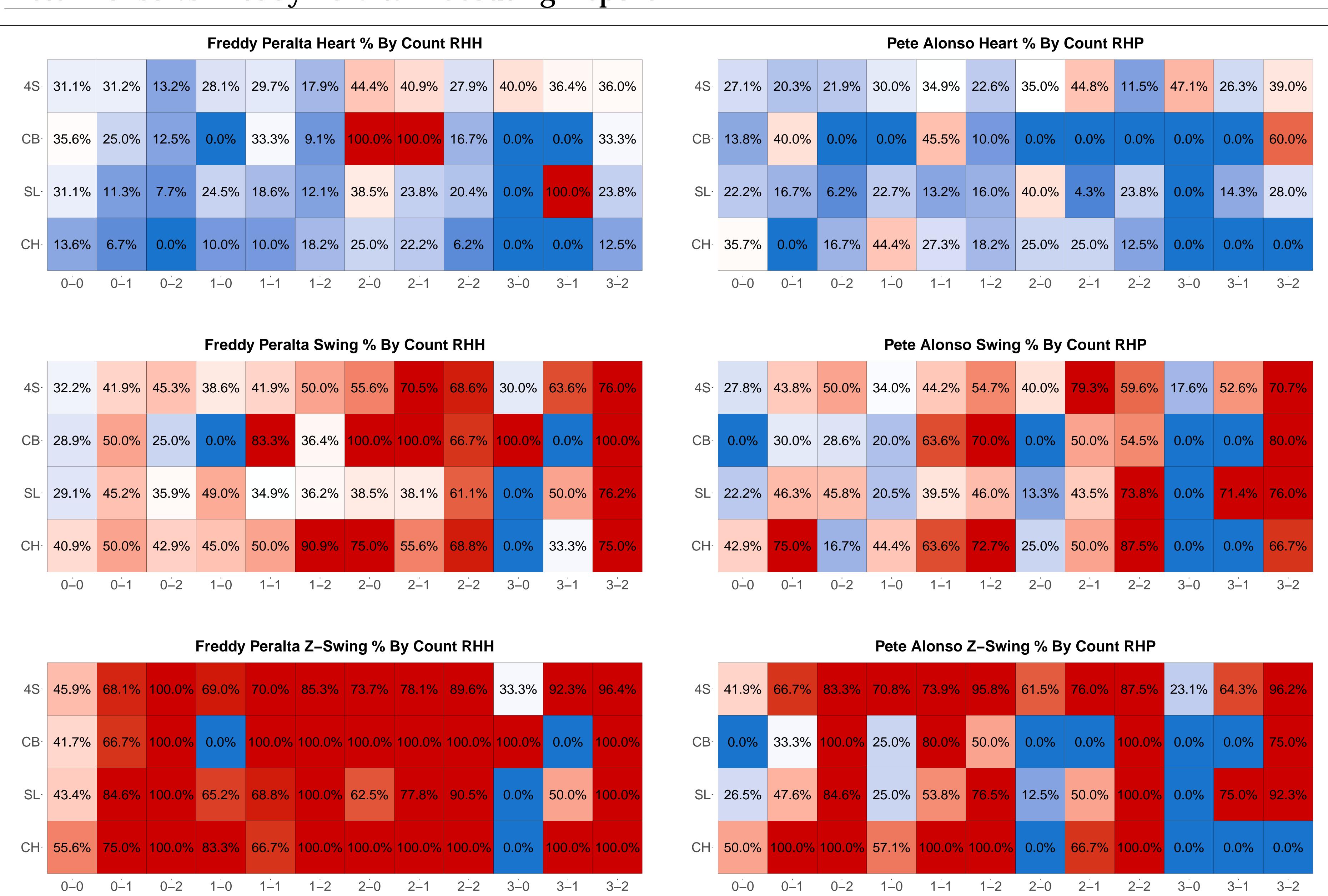
	Freddy Peralta vs RHH										
Pitch	wOBA	xwOBA	xBA	BABIP	ISO	Z-wOBA	Z-xwOBA	Z-xBA	Z-BABIP	Z-ISO	
4-Seam	.374	.348	.341	.180	.185	.386	.346	.366	.236	.257	
Changeup	.388	.359	.418	.176	.147	.400	.329	.404	.222	.278	
Curveball	.257	.172	.275	.143	.143	.362	.212	.275	.231	.231	
Slider	.275	.258	.295	.122	.184	.313	.280	.270	.127	.309	

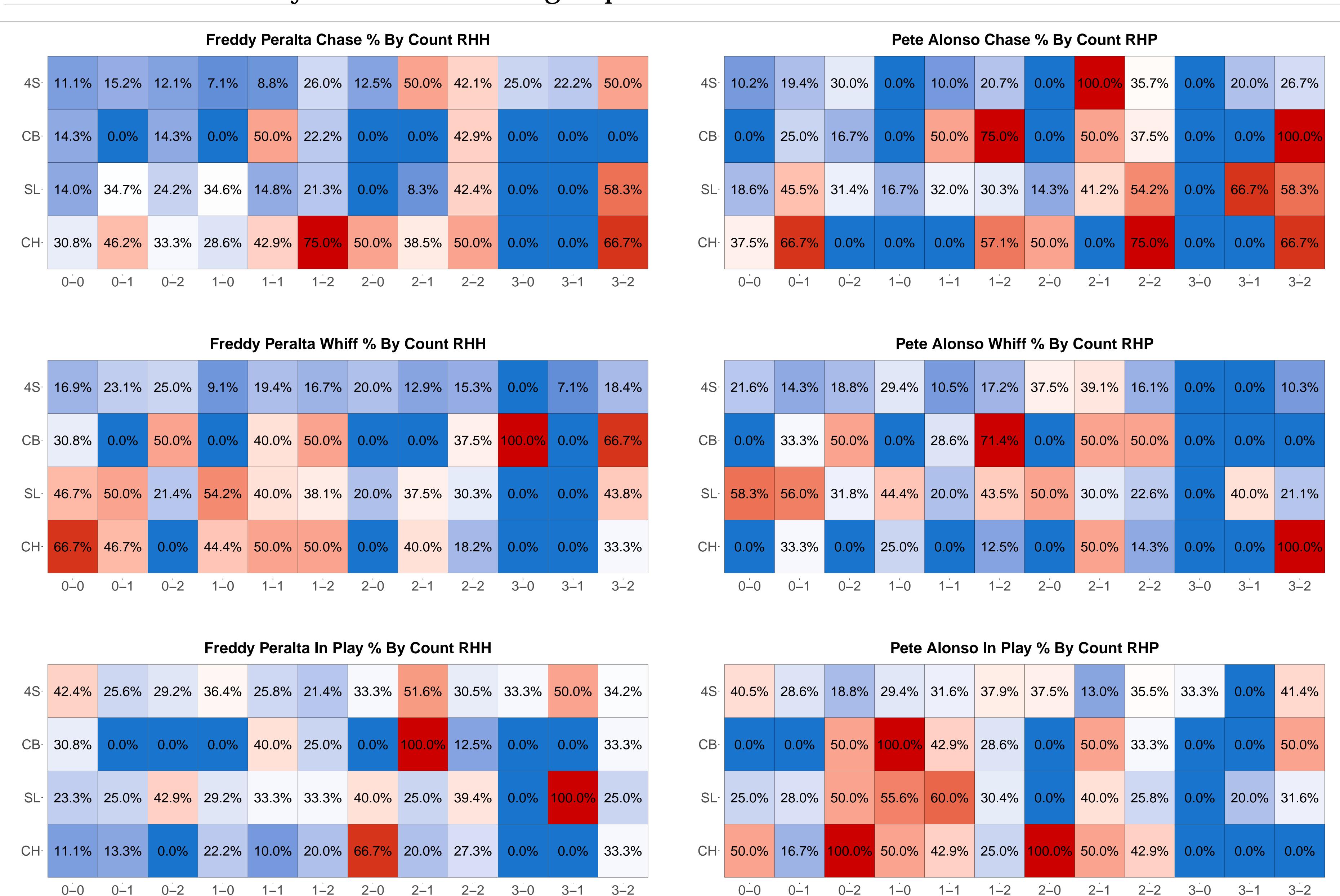
	Pete Alonso vs RHP										
Pitch	wOBA	xwOBA	xBA	BABIP	ISO	Z-wOBA	Z-xwOBA	Z-xBA	Z-BABIP	Z-ISO	
4-Seam	.409	.381	.316	.128	.286	.412	.367	.317	.179	.381	
Changeup	.407	.459	.446	.174	.304	.388	.424	.409	.231	.308	
Curveball	.280	.243	.445	.261	.130	.505	.434	.490	.455	.273	
Slider	.235	.257	.310	.126	.107	.314	.337	.352	.200	.220	

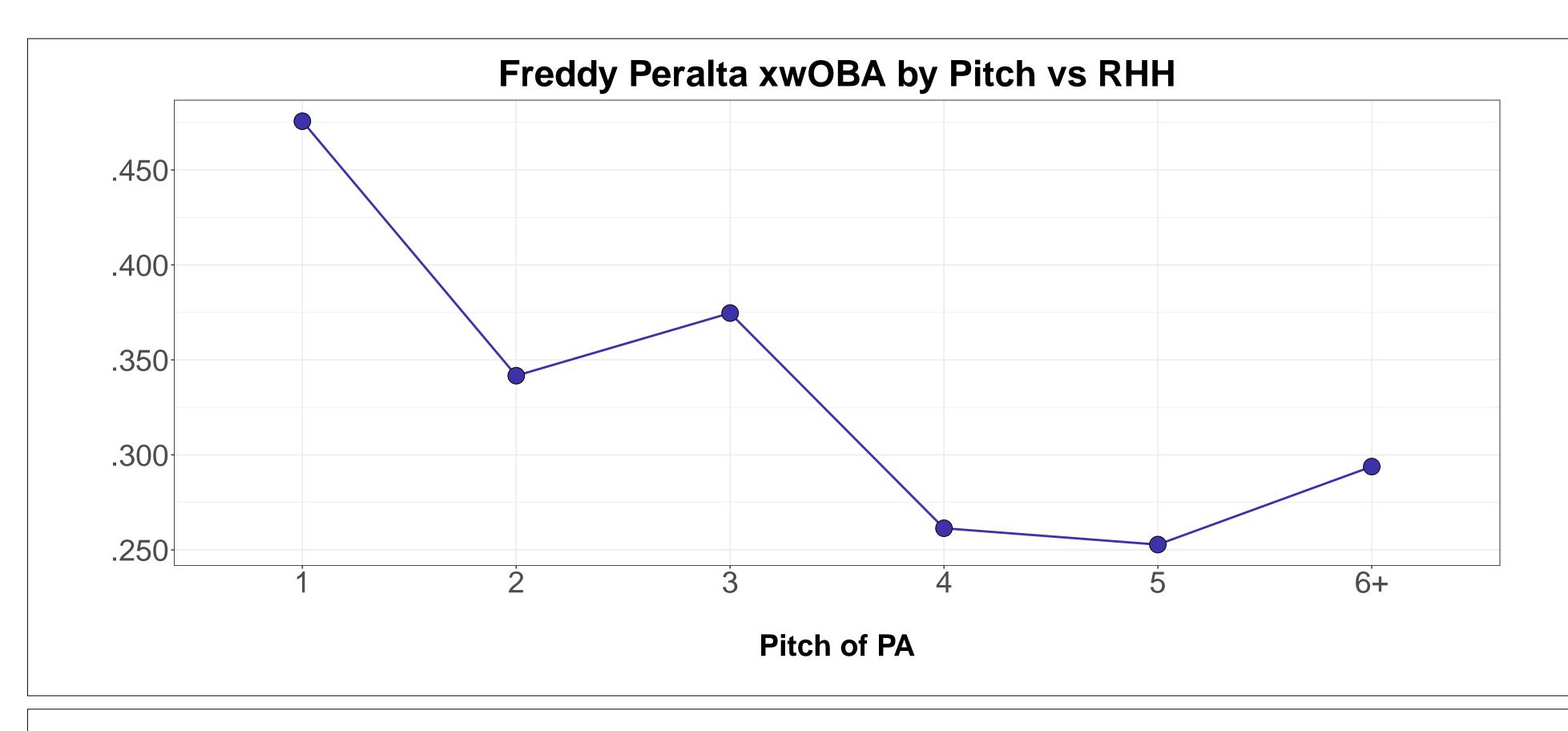
	Freddy Peralta vs RHH										
Pitch	O-wOBA	O-xwOBA	O-xBA	O-BABIP	O-ISO	H-wOBA	H-xwOBA	H-xBA	H-BABIP	H-ISO	
4-Seam	.345	.353	.158	.036	.000	.459	.415	.399	.266	.354	
Changeup	.375	.393	.452	.125	.000	.358	.262	.375	.333	.167	
Curveball	.087	.098		.000	.000	.225	.208	.254	.250	.000	
Slider	.227	.230	.362	.116	.023	.289	.287	.273	.094	.312	

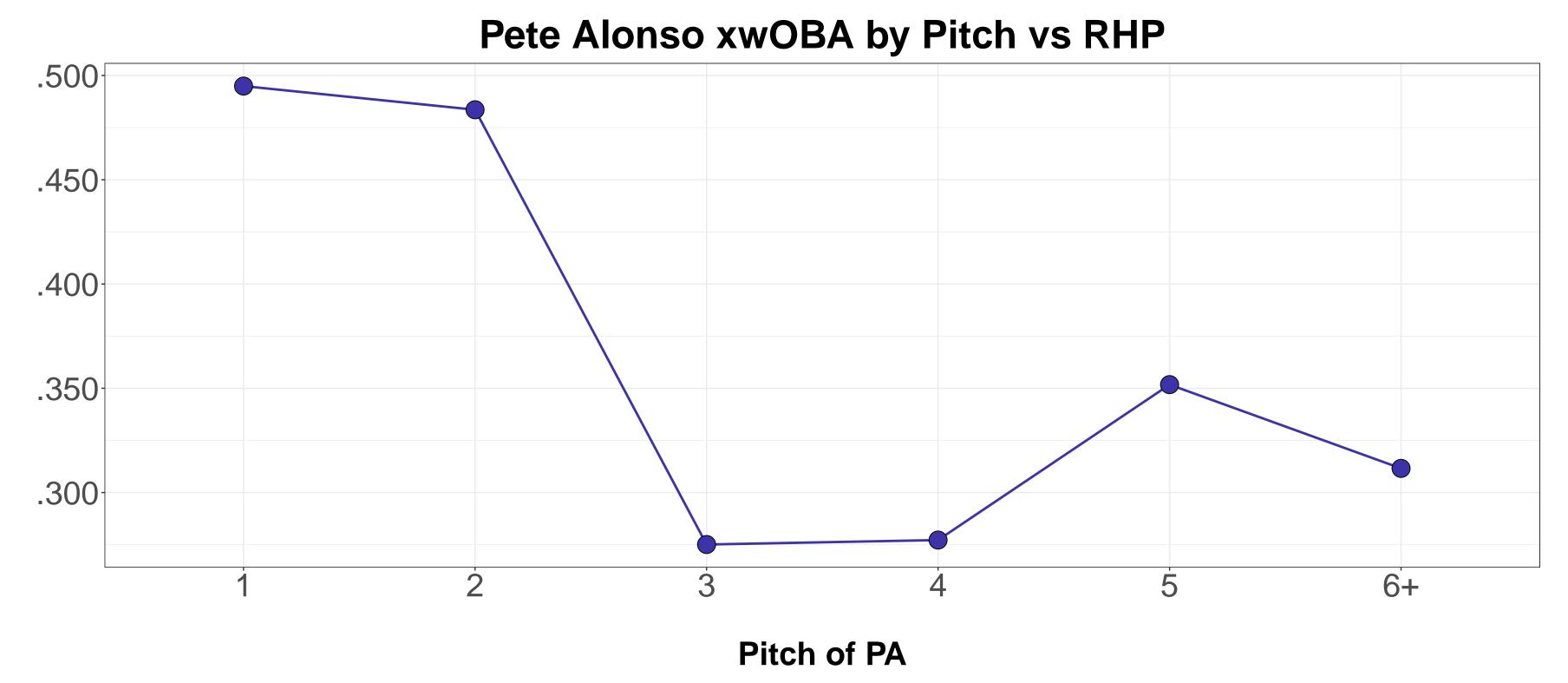
	Pete Alonso vs RHP										
Pitch	O-wOBA	O-xwOBA	O-xBA	O-BABIP	O-ISO	H-wOBA	H-xwOBA	H-xBA	H-BABIP	H-ISO	
4-Seam	.404	.406	.314	.041	.122	.564	.508	.393	.205	.591	
Changeup	.430	.504	.534	.100	.300	.464	.437	.347	.143	.571	
Curveball	.075	.069	.309	.083	.000	.430	.438	.507	.400	.200	
Slider	.160	.181	.224	.057	.000	.436	.407	.350	.182	.409	







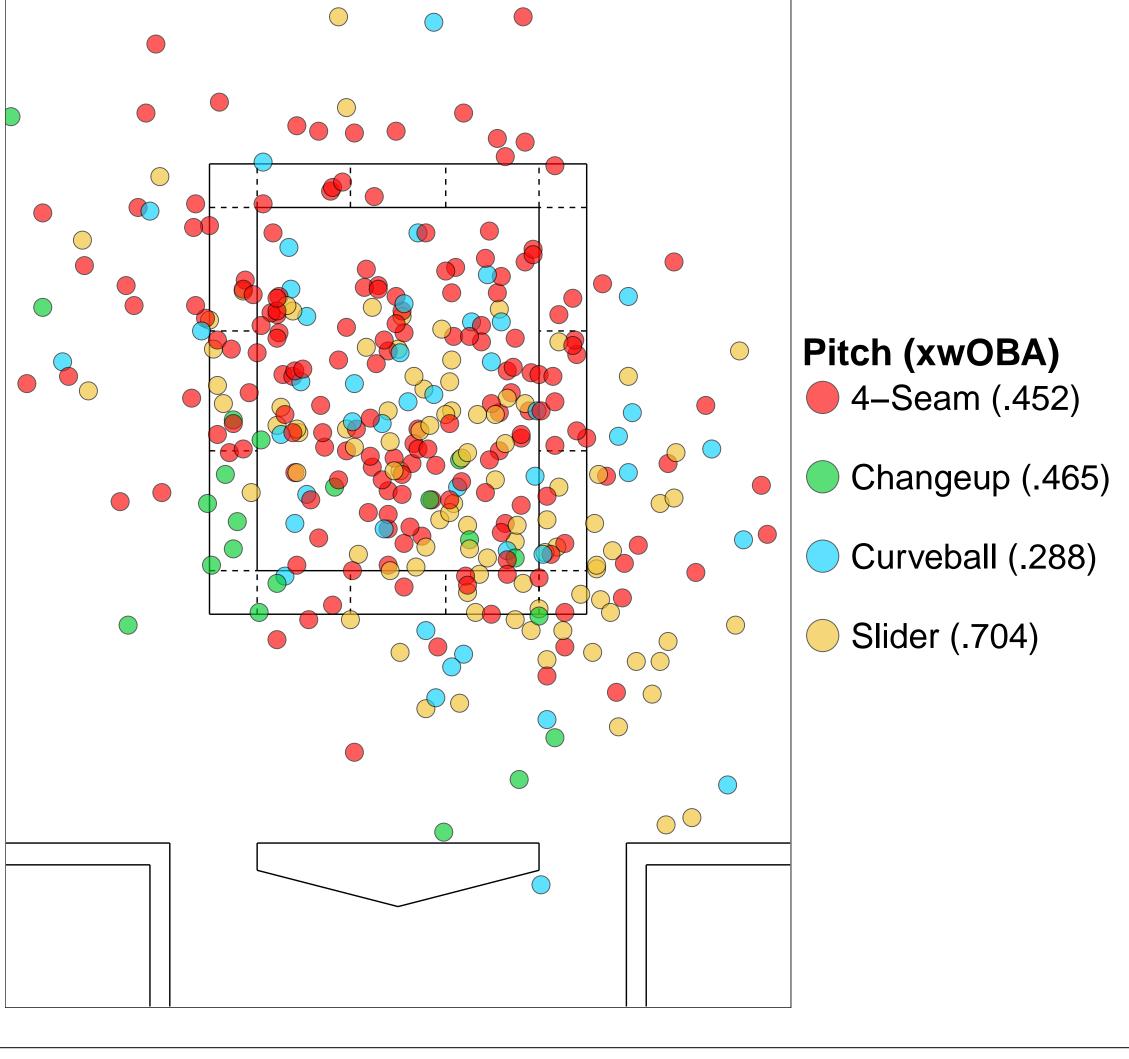




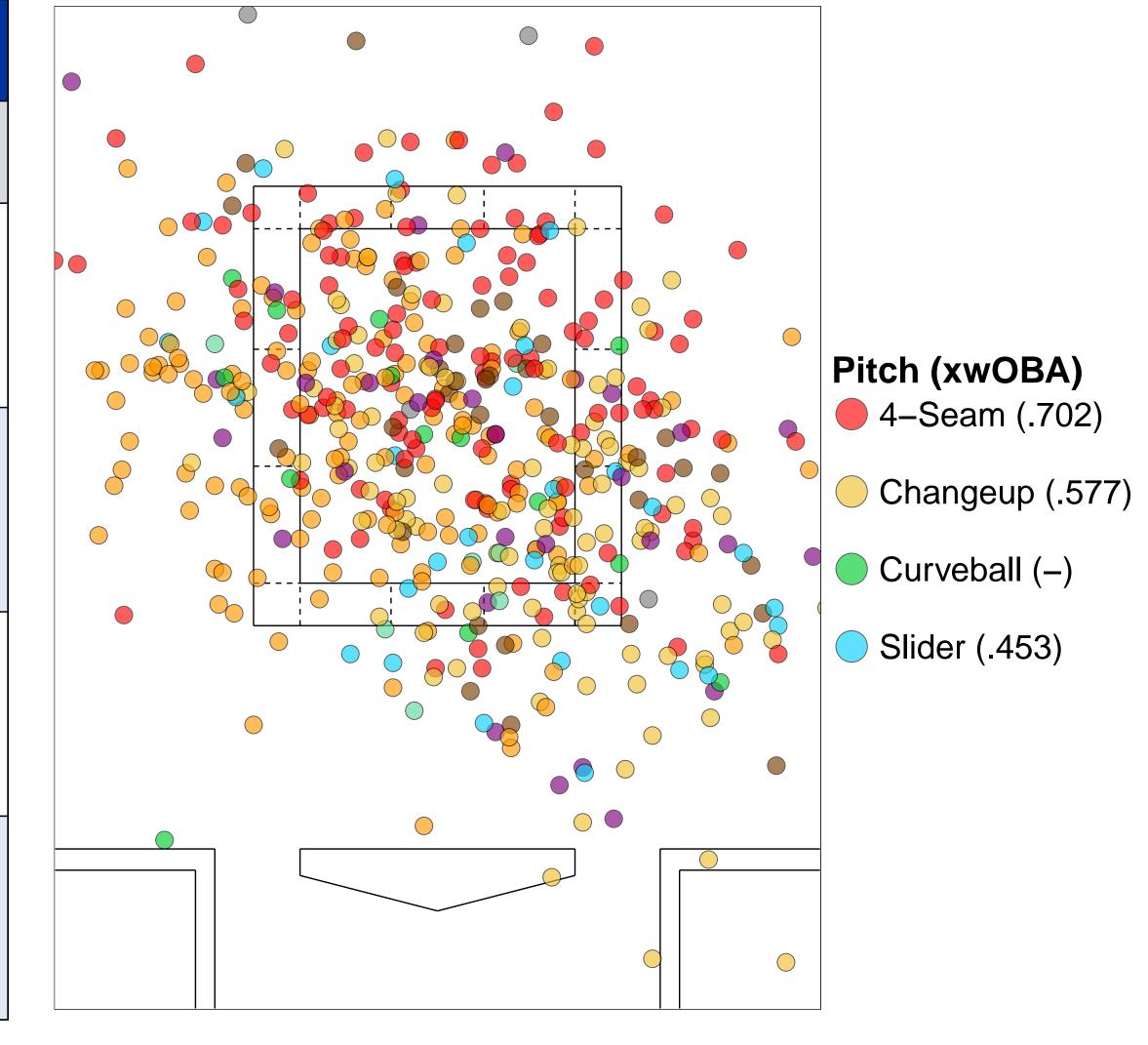
	Freddy Peralta 1st–Pitch Usage vs RHH									
Most	After	After	After	After	Men in					
Frequent	Strikeout	Walk	Field Out	Hit	Scoring					
4-Seam	4-Seam	4-Seam	4-Seam	Slider	4-Seam					
(51.8%)	(54.4%)	(57.5%)	(54.8%)	(42.9%)	(54.5%)					

Pete Alonso 1st-Pitch Swing % vs RHP									
1st Time Seeing	After Hit	Men in Scoring							
26%	23%	22%	33%	25%	28%				

Fre	Freddy Peralta vs RHH										
Pitch	Zone	Heart	Swing	BIP							
48	61%	31%	32%	42%							
SL	51%	31%	29%	23%							
СН	41%	14%	41%	11%							
CU	53%	36%	29%	31%							



Pe	Pete Alonso vs RHP										
Pitch	Zone	Heart	Swing	BIP							
48	56%	27%	28%	41%							
SL	45%	22%	22%	25%							
СН	43%	36%	43%	50%							
CU	34%	14%	0%								



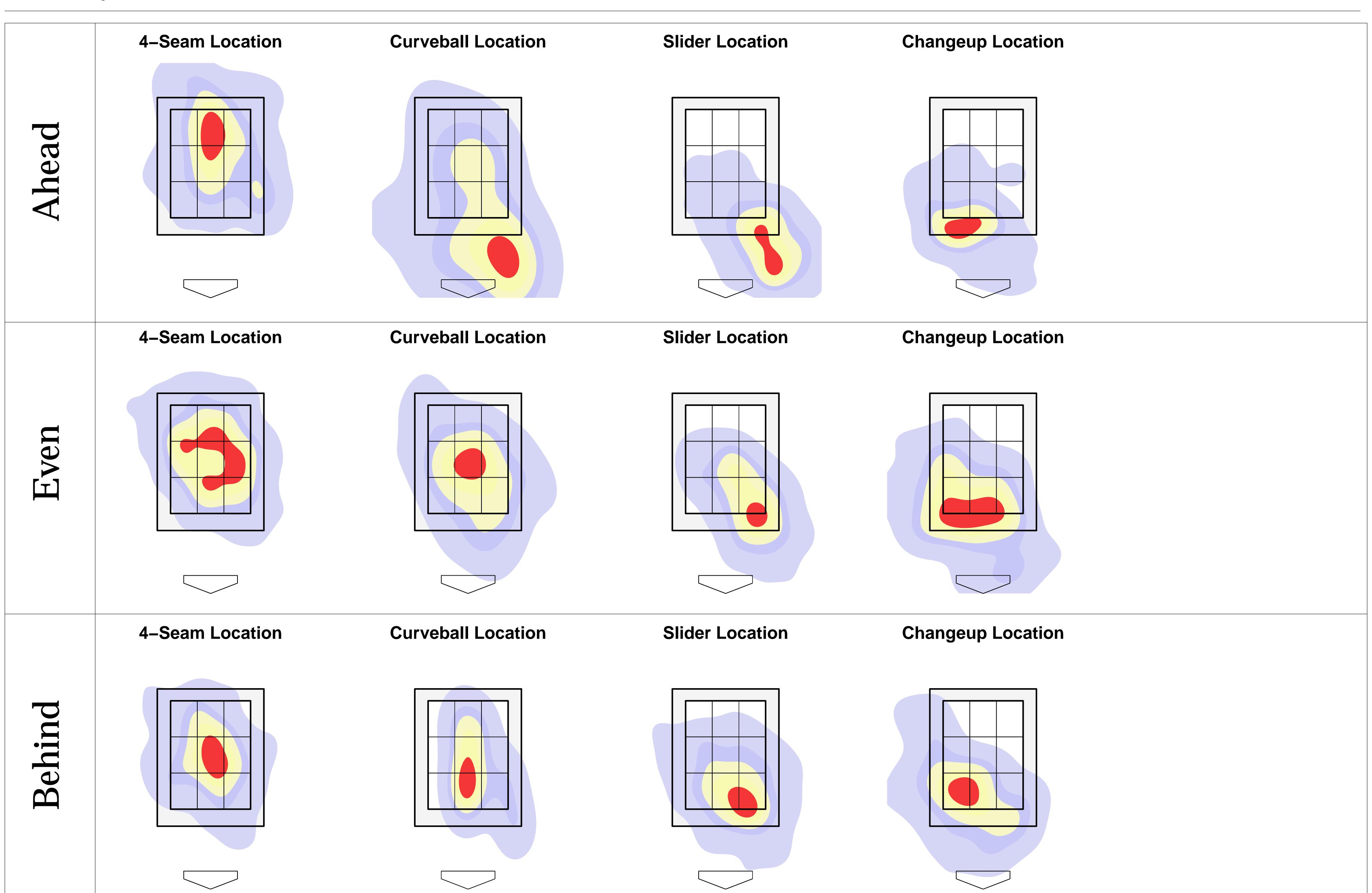
Freddy Peralta Two Pitch Sequences vs RHH								
Sequence	Usage	Swing %	Whiff %	Chase %	Zone %			
4S-4S	25.8%	52.6%	21.9%	23.6%	60.5%			
SL-4S	15.7%	52.7%	15.4%	22.9%	52.7%			
4S-SL	15.4%	42.7%	37.6%	29.5%	33.0%			
SL-SL	9.1%	46.5%	43.3%	28.6%	40.3%			
4S-CH	7.2%	46.5%	29.8%	34.3%	30.7%			

Pete Alonso Two Pitch Sequences vs RHP								
Sequence	Usage	Swing %	Whiff %	Chase %	BIP %			
FAST-FAST	34.2%	50.0%	15.2%	23.7%	36.1%			
FAST-BRK	19.4%	46.5%	27.3%	34.9%	39.6%			
BRK-FAST	19.1%	48.3%	21.1%	18.7%	32.4%			
BRK-BRK	16.1%	46.2%	43.0%	39.2%	28.9%			
FAST-OFF	3.7%	50.9%	31.0%	32.4%	41.4%			

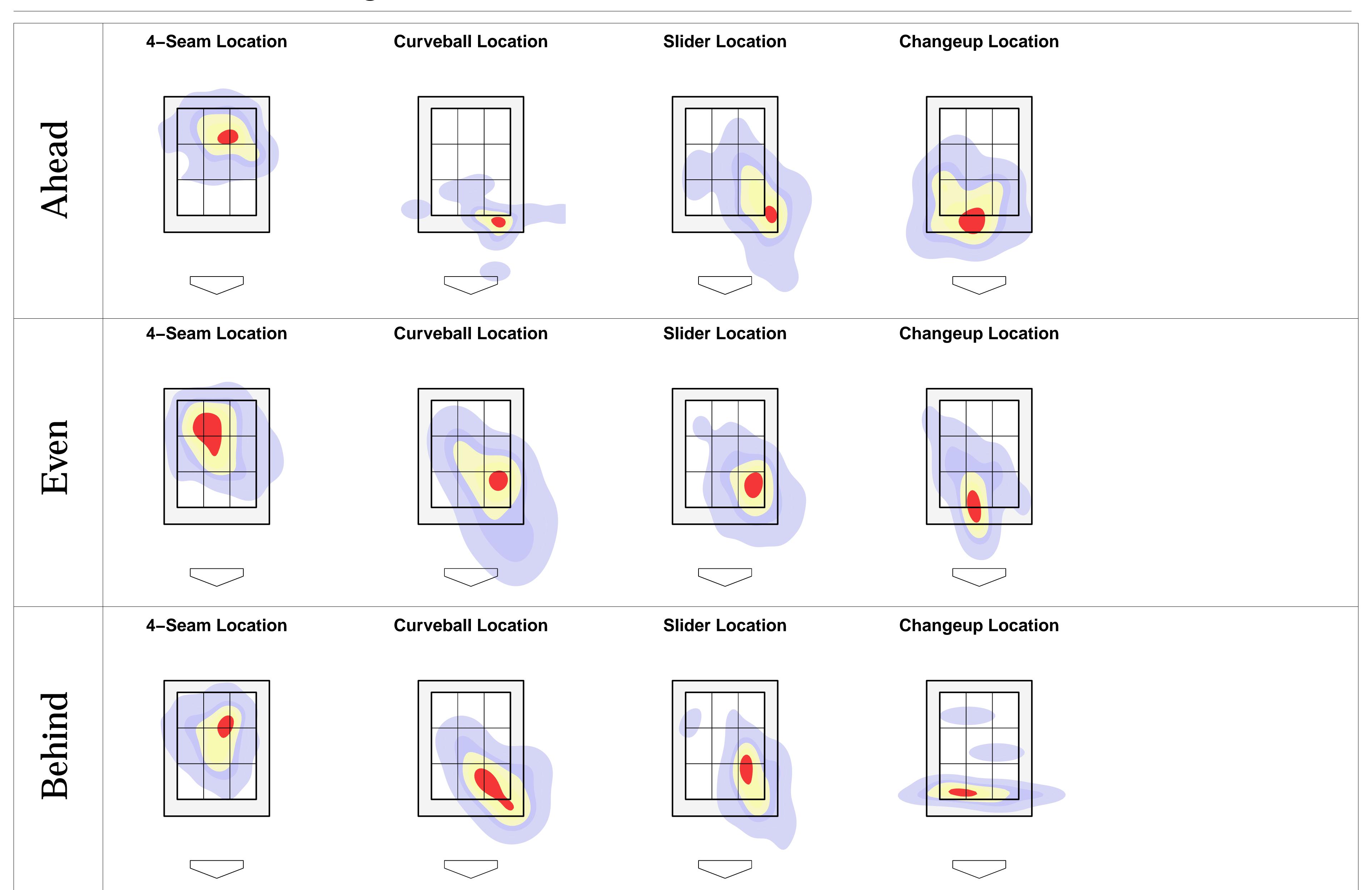
Freddy Peralta Situational Results vs RHH								
Pitch	Situation	Usage	Zone %	Heart %	Chase %	Whiff %	BIP %	wOBA
	Ahead	50%	44%	22%	19%	21%	25%	.278
4-Seam	Even	52%	58%	30%	19%	17%	34%	.362
	Behind	55%	60%	36%	28%	14%	41%	.436
	Ahead	5%	26%	13%	18%	38%	12%	.000
Curveball	Even	9%	52%	32%	23%	35%	27%	.150
	Behind	2%	86%	43%	0%	50%	33%	.720
	Ahead	35%	19%	11%	27%	40%	32%	.141
Slider	Even	30%	45%	26%	23%	38%	32%	.327
	Behind	28%	49%	29%	31%	44%	31%	.357
	Ahead	10%	25%	8%	47%	43%	14%	.360
Changeup	Even	9%	36%	10%	41%	43%	17%	.178
	Behind	14%	30%	15%	37%	34%	28%	.533
	Ahead	31%	32%	16%	25%	30%	25%	.226
Total	Even	44%	52%	27%	23%	27%	31%	.320
	Behind	25%	53%	31%	31%	25%	36%	.440

Pete Alonso Situational Results vs RHP									
Pitch	Situation	Usage	Zone %	Heart %	Chase %	Whiff %	BIP %	wOBA	
4-Seam	Ahead	27%	46%	21%	22%	16%	30%	.305	
	Even	25%	53%	25%	17%	17%	37%	.424	
	Behind	29%	65%	36%	15%	22%	27%	.478	
Curveball	Ahead	5%	33%	19%	44%	58%	25%	.215	
	Even	6%	35%	18%	18%	38%	38%	.269	
	Behind	2%	57%	21%	50%	14%	57%	.430	
Slider	Ahead	28%	34%	13%	36%	44%	36%	.149	
	Even	21%	43%	21%	30%	34%	33%	.330	
	Behind	19%	45%	22%	33%	31%	36%	.271	
Changeup	Ahead	5%	28%	12%	44%	20%	27%	.800	
	Even	4%	52%	27%	38%	5%	45%	.309	
	Behind	3%	60%	30%	38%	44%	44%	.279	
Total	Ahead	27%	38%	16%	32%	30%	35%	.281	
	Even	44%	49%	24%	23%	22%	40%	.355	
	Behind	30%	57%	30%	24%	21%	36%	.386	

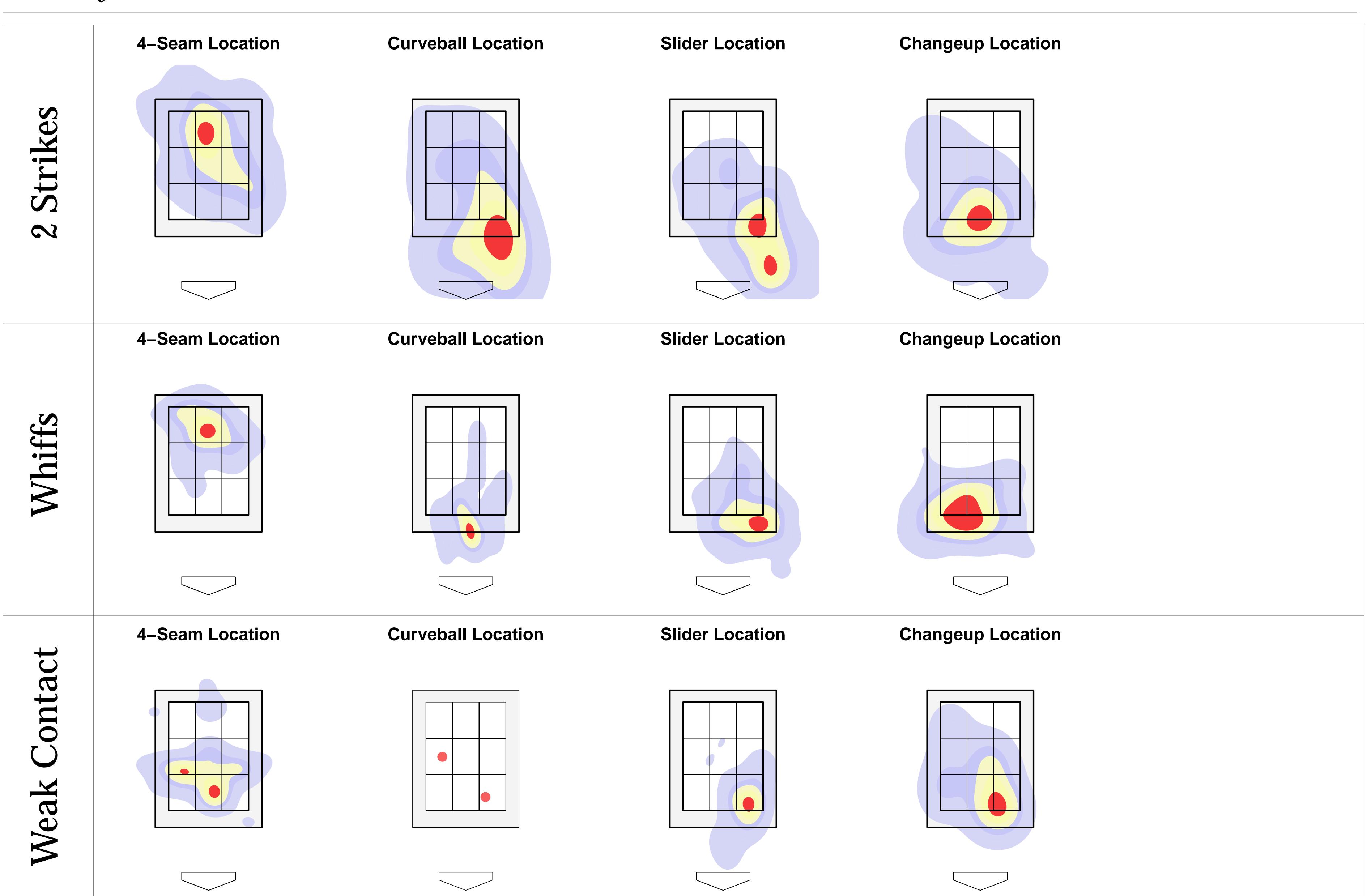
## Freddy Peralta vs RHH Pitch Location



#### Pete Alonso vs RHP Swing Location



## Freddy Peralta vs RHH Pitch Location



### Pete Alonso vs RHP Swing Location

