



Sample SSW Report: Main Page

Date: 01/19/23

Bullpen Stats									Percentages			
Pitches	Fastball	Sinker	Cutter	Curveball	Slider	Changeup	–	–	Ball%	Strike%	Glove Side Strike%	Arm Side Strike%
2304	91.3–98.5	94.3–98.1	84.8–91.5	75.7–83.6	79.8–89.9	80.7–89.7	–	–	52.3%	47.7%	46.4%	49.0%

Pitch Usage & SSW Summary											
Pitch	Usage	Tilt (hh:mm)	Magnus HB (in.)	Magnus IVB (in.)	Drag HB (in.)	Drag IVB (in.)	Seam HB (in.)	Seam IVB (in.)	Total HB (in.)	Total IVB (in.)	
Fastball	47.5%	1:45	–14.862	12.027	–1.536	1.752	1.250	0.160	–15.148	13.939	
Sinker	1.9%	1:45	–14.952	12.854	–1.396	1.867	0.706	–0.464	–15.642	14.257	
Cutter	4.4%	12:30	–0.670	6.764	–2.084	1.963	0.474	–0.936	–2.279	7.791	
Curveball	13.8%	7:30	11.857	–8.574	–1.548	1.897	–2.594	–0.853	7.714	–7.529	
Slider	16.2%	11:30	2.799	3.830	–1.841	1.919	–0.238	–1.207	0.720	4.542	
Changeup	16.1%	2:15	–16.481	6.176	–1.504	1.959	0.880	–0.735	–17.105	7.401	

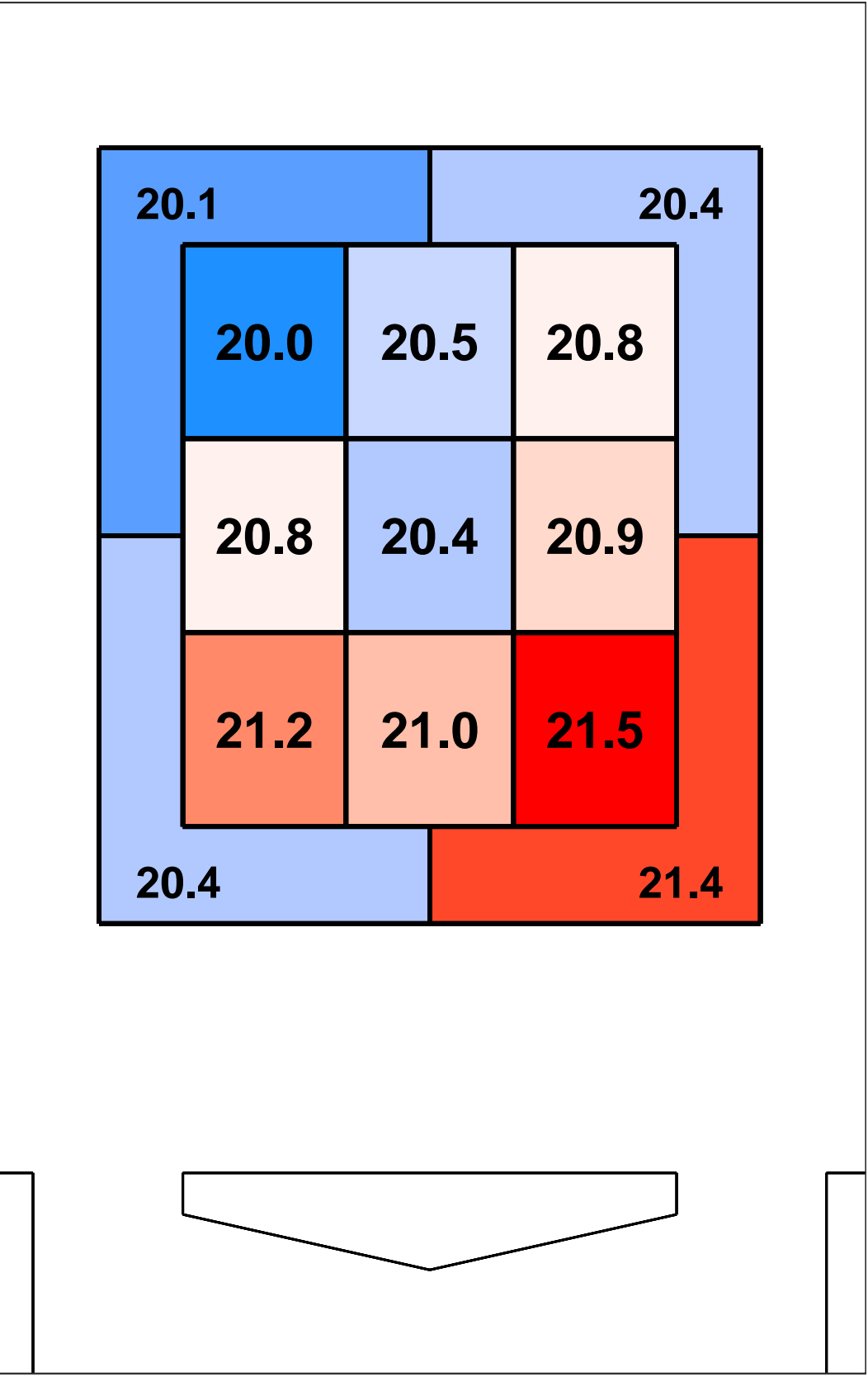
Pitch Metrics vs. MLB Averages									
Pitch	Velocity (mph)	MLB Velocity – RHP (percentile)	Spin Rate (rpm)	MLB Spin Rate – RHP (percentile)	Extension (in.)	MLB Extension – RHP (percentile)	Efficiency	MLB Efficiency – RHP (percentile)	
Fastball	95.3	68	2033	7	6.39	45	97.8%	84	
Sinker	96.5	87	2042	24	6.00	26	99.7%	100	
Cutter	88.0	35	2261	25	6.32	52	28.2%	10	
Curveball	80.3	60	2434	36	6.28	51	62.7%	32	
Slider	84.8	43	2259	23	6.34	56	27.0%	23	
Changeup	86.1	50	2004	78	6.47	58	89.2%	33	



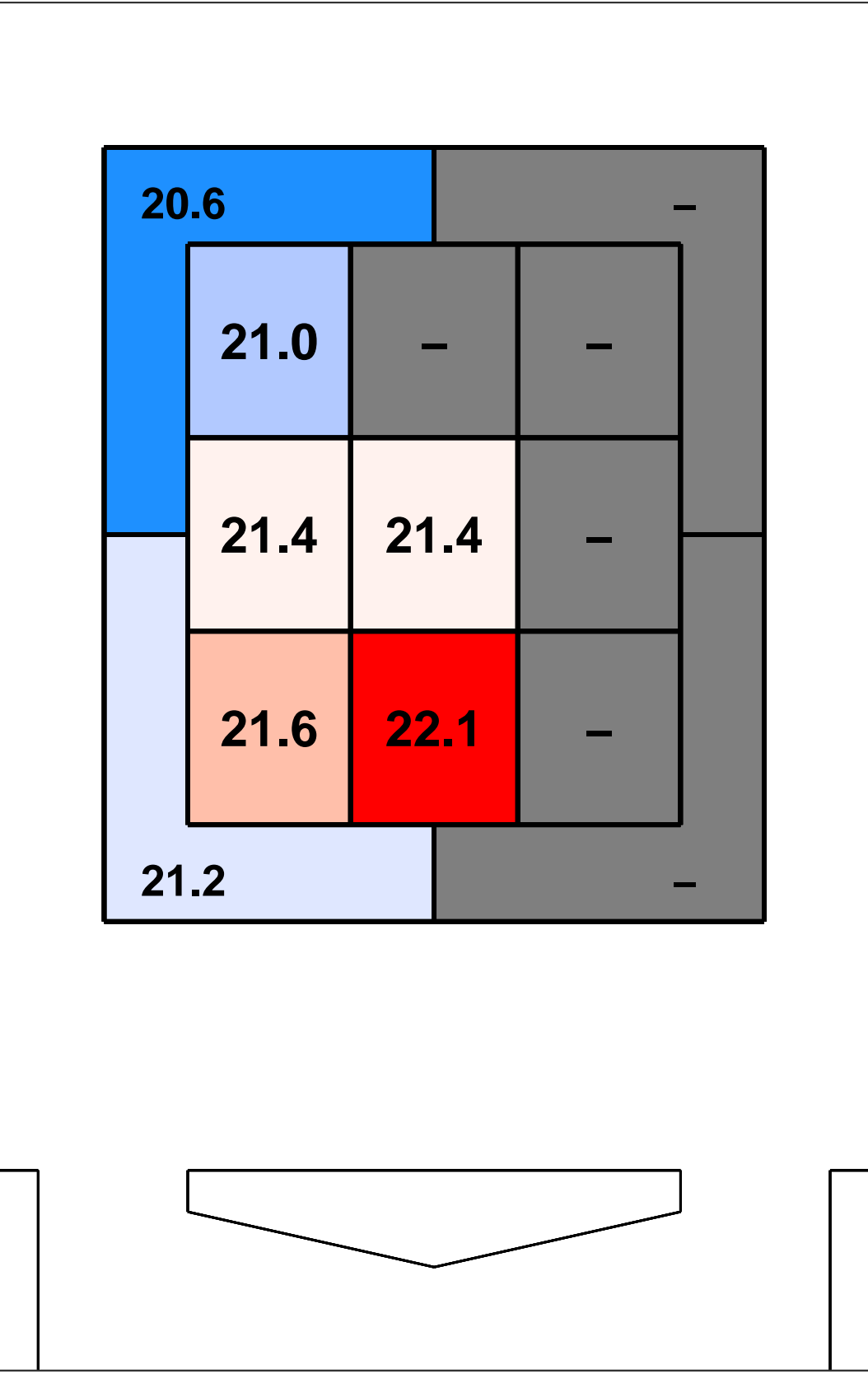
Sample SSW Report: Total Pitch Break

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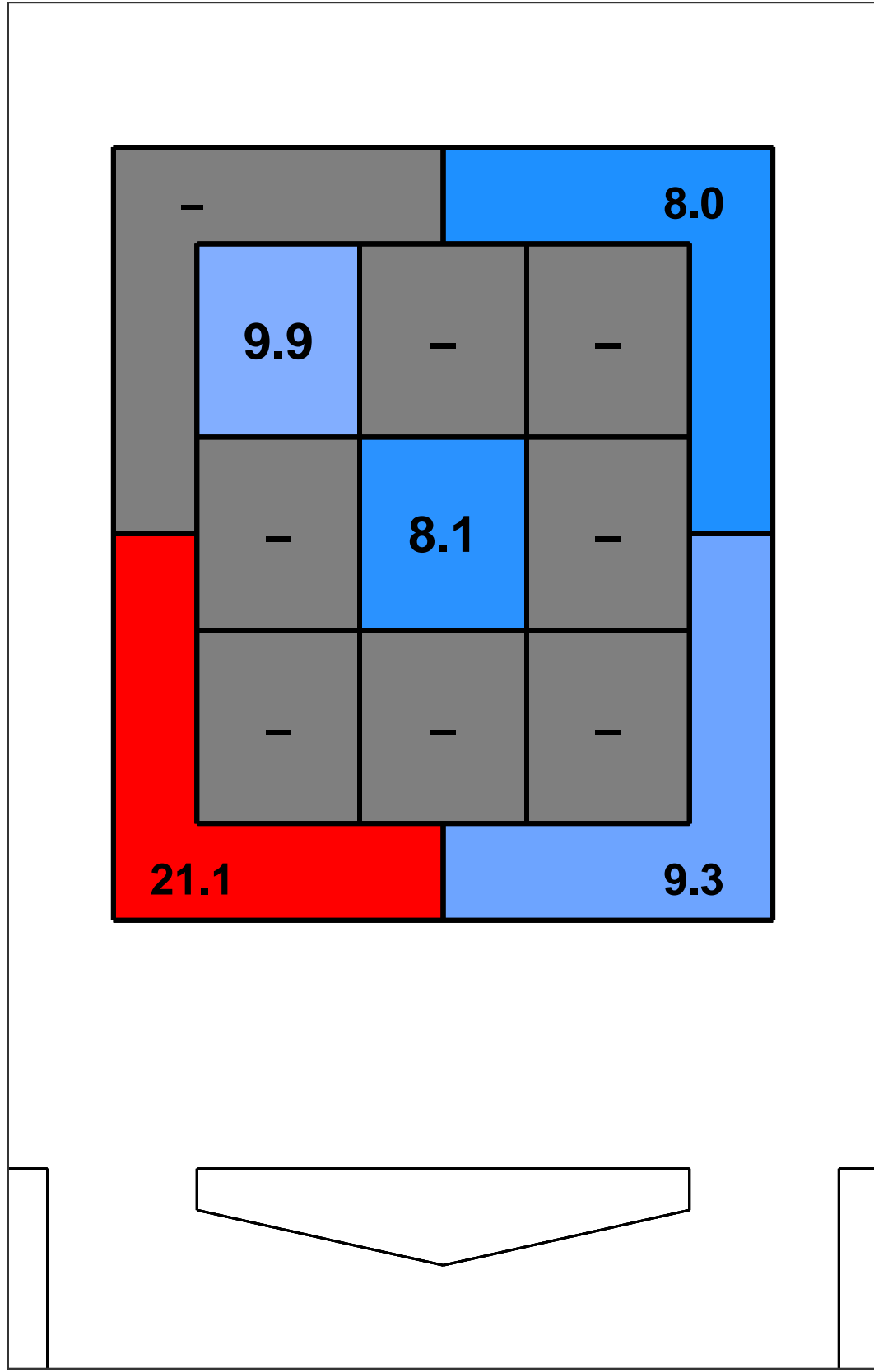
Total Break Fastball – LHH



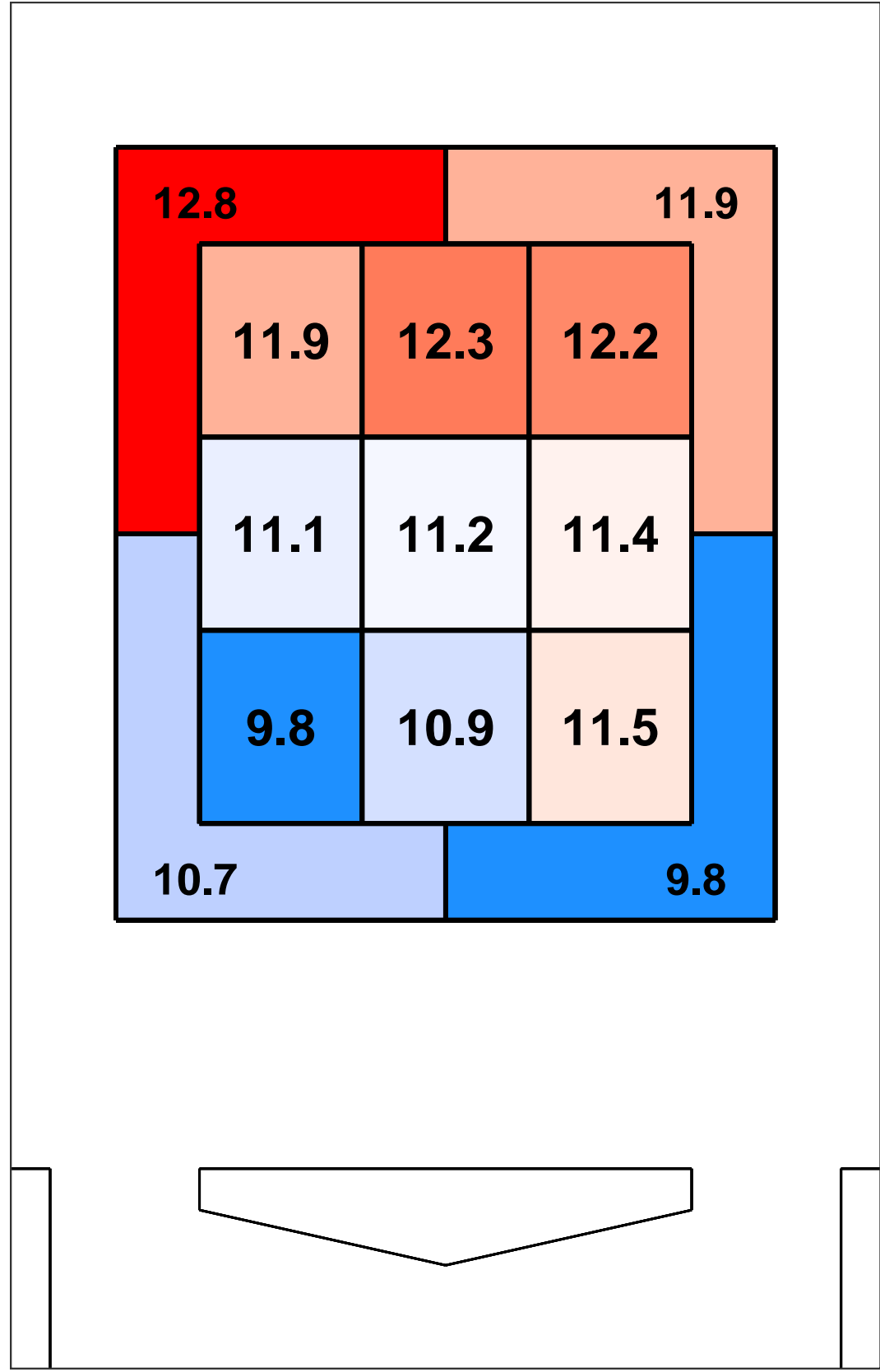
Total Break Sinker – LHH



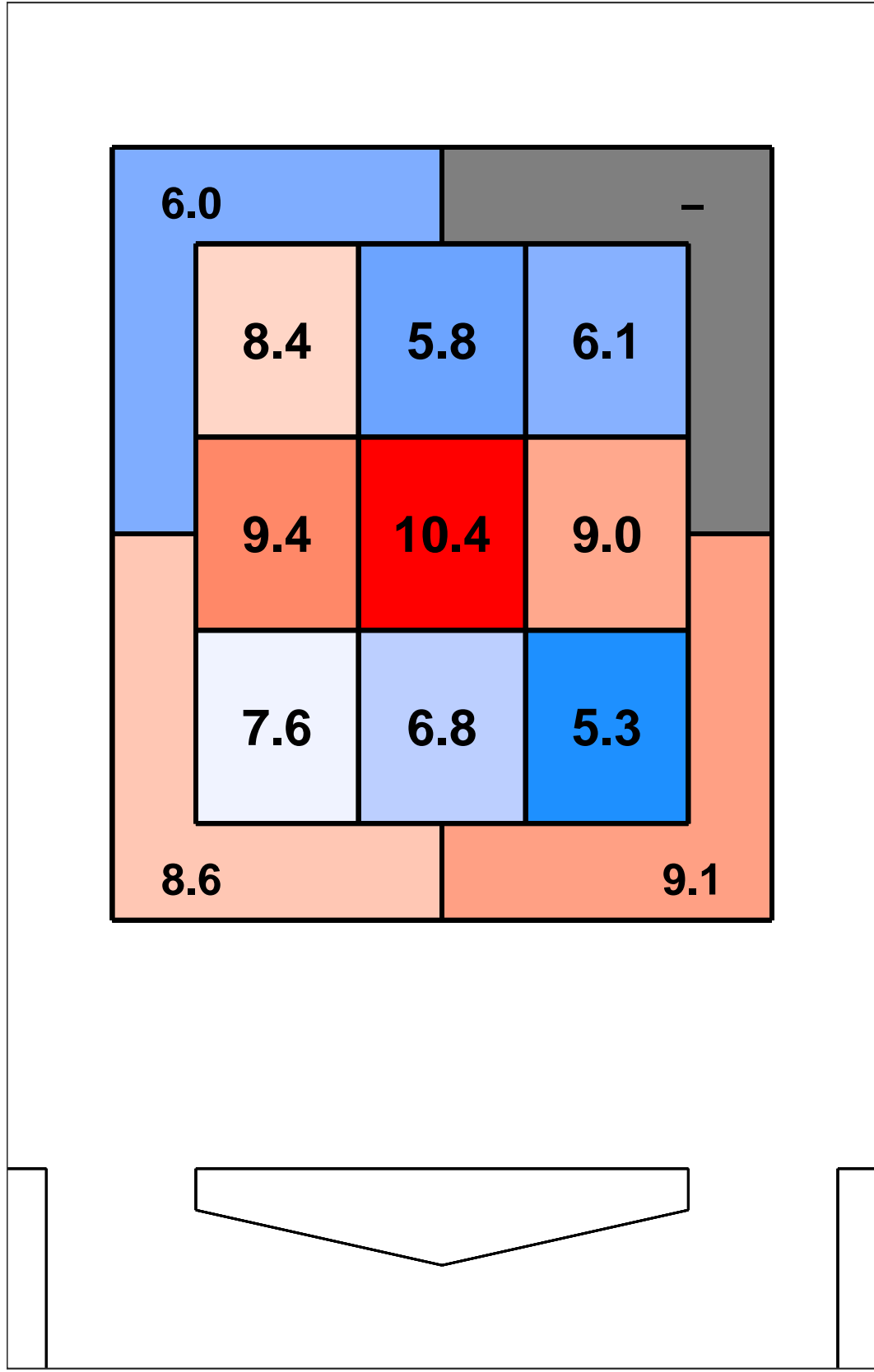
Total Break Cutter – LHH



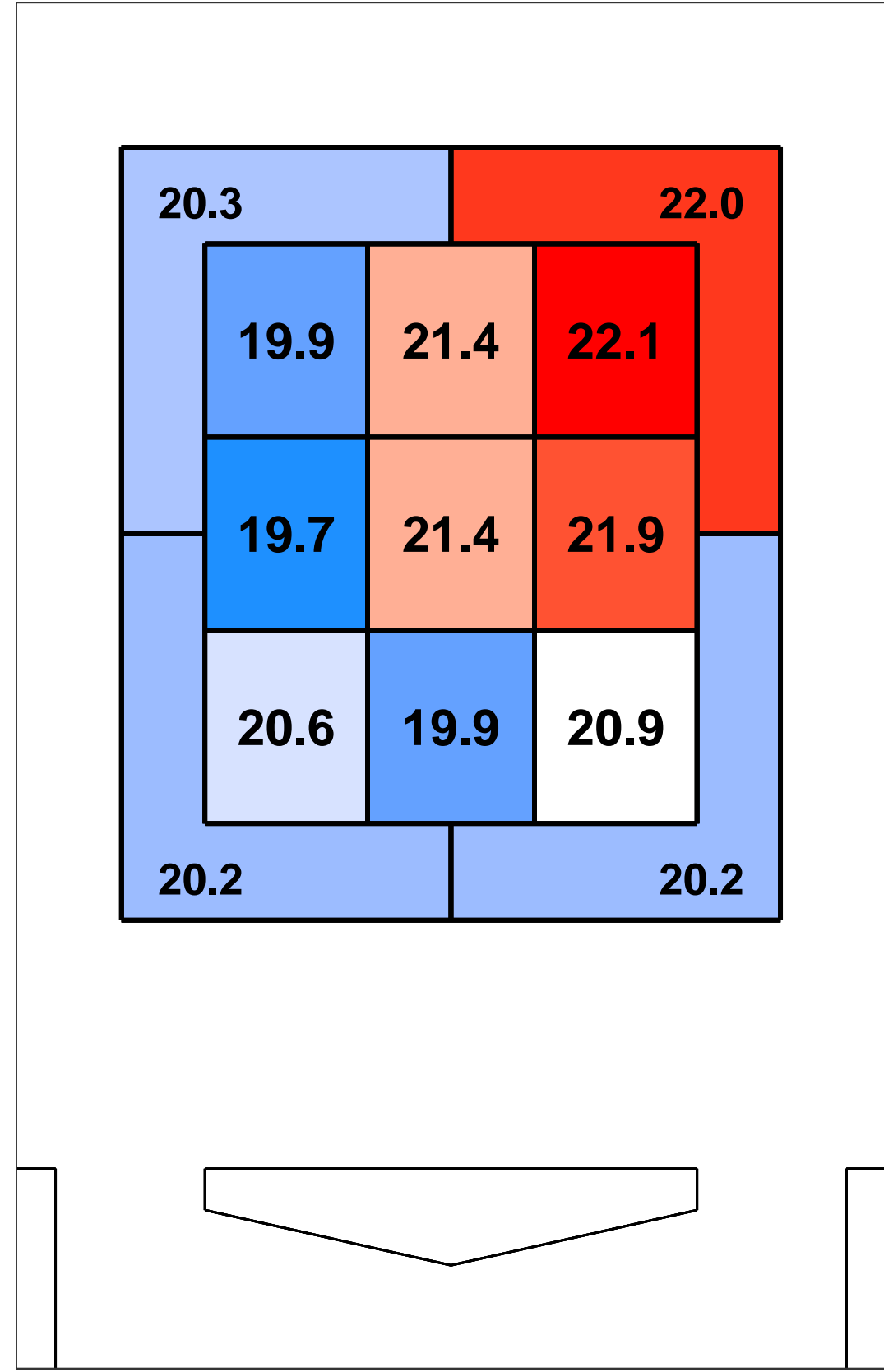
Total Break Curveball – LHH



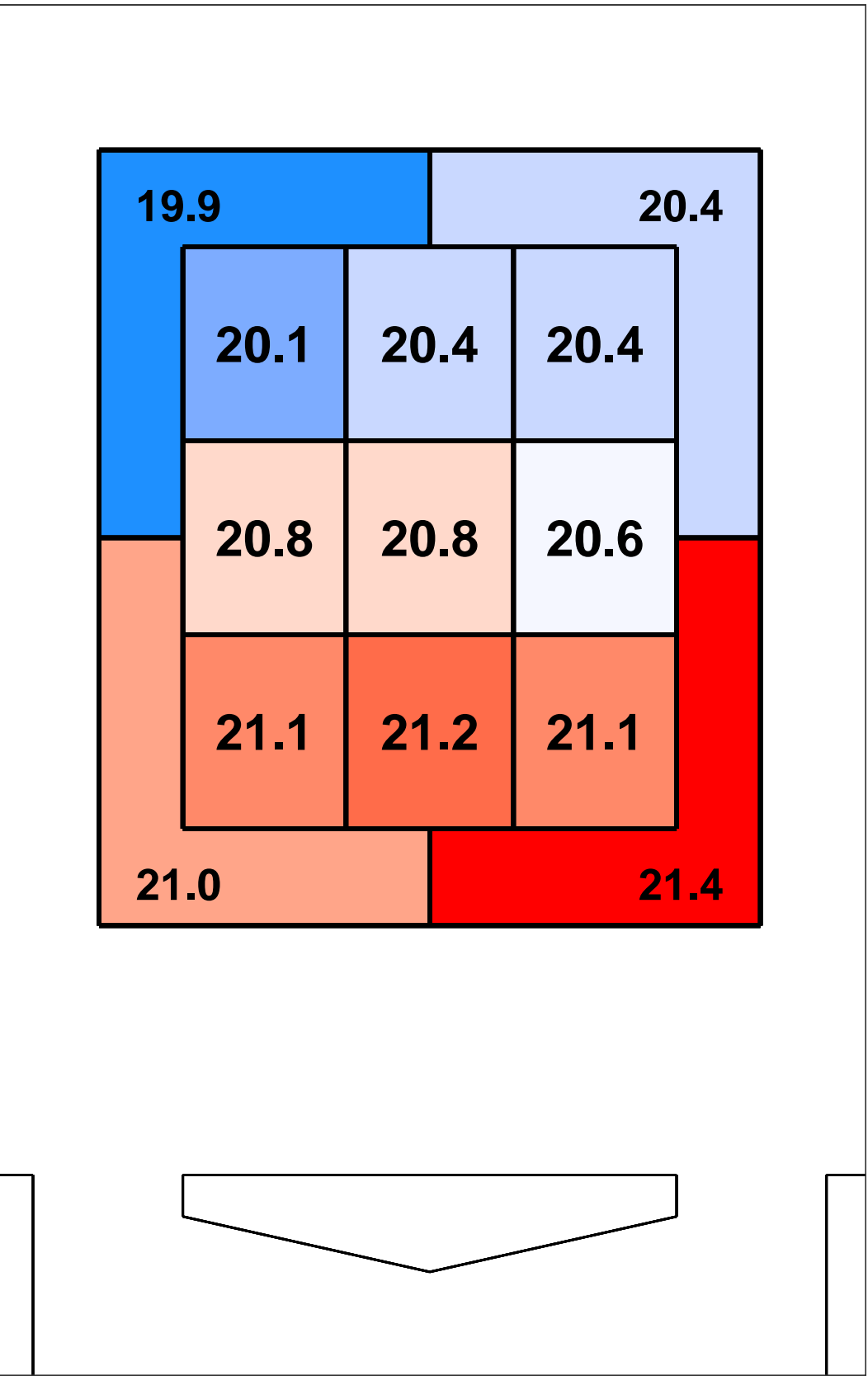
Total Break Slider – LHH



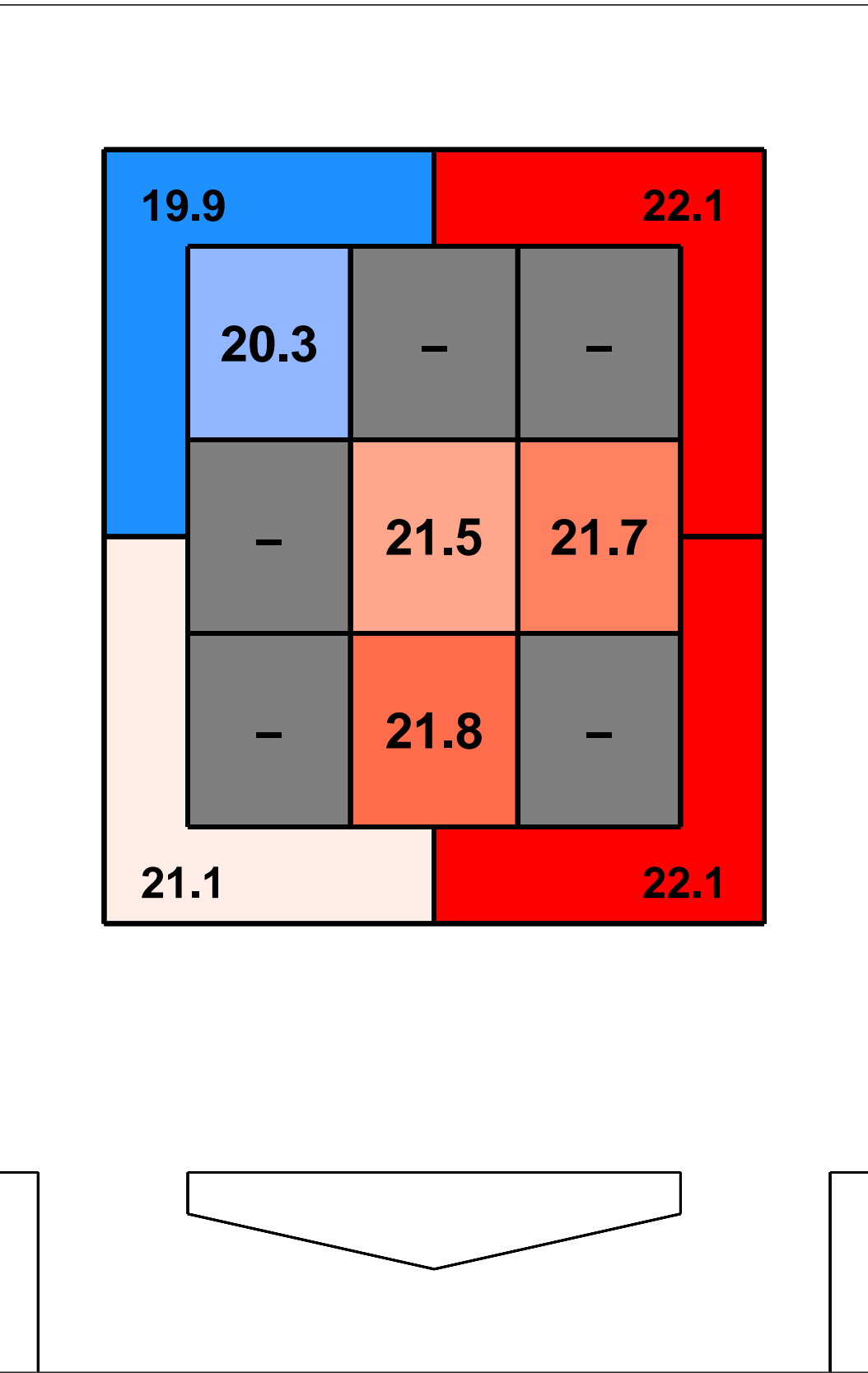
Total Break Changeup – LHH



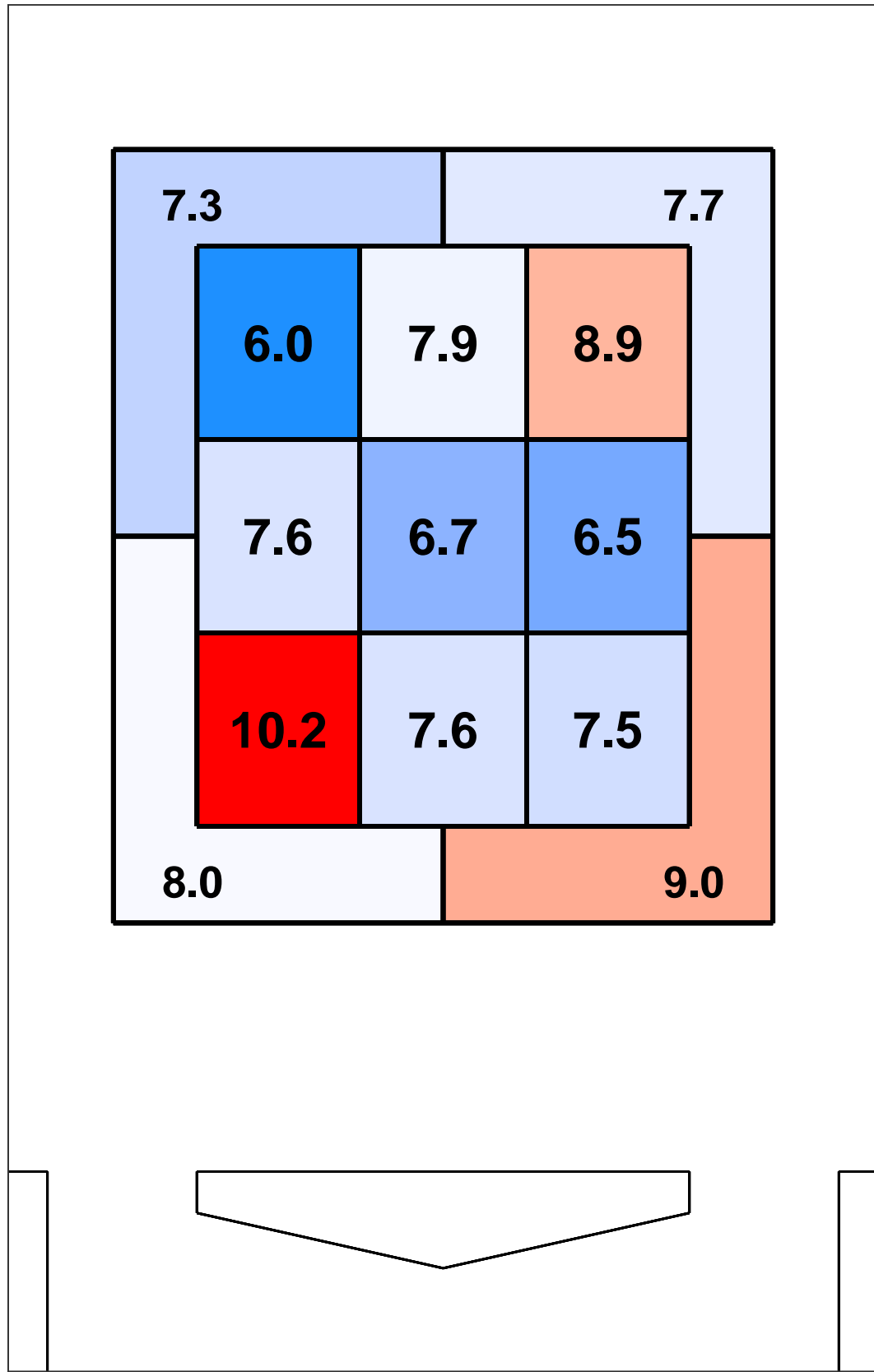
Total Break Fastball – RHH



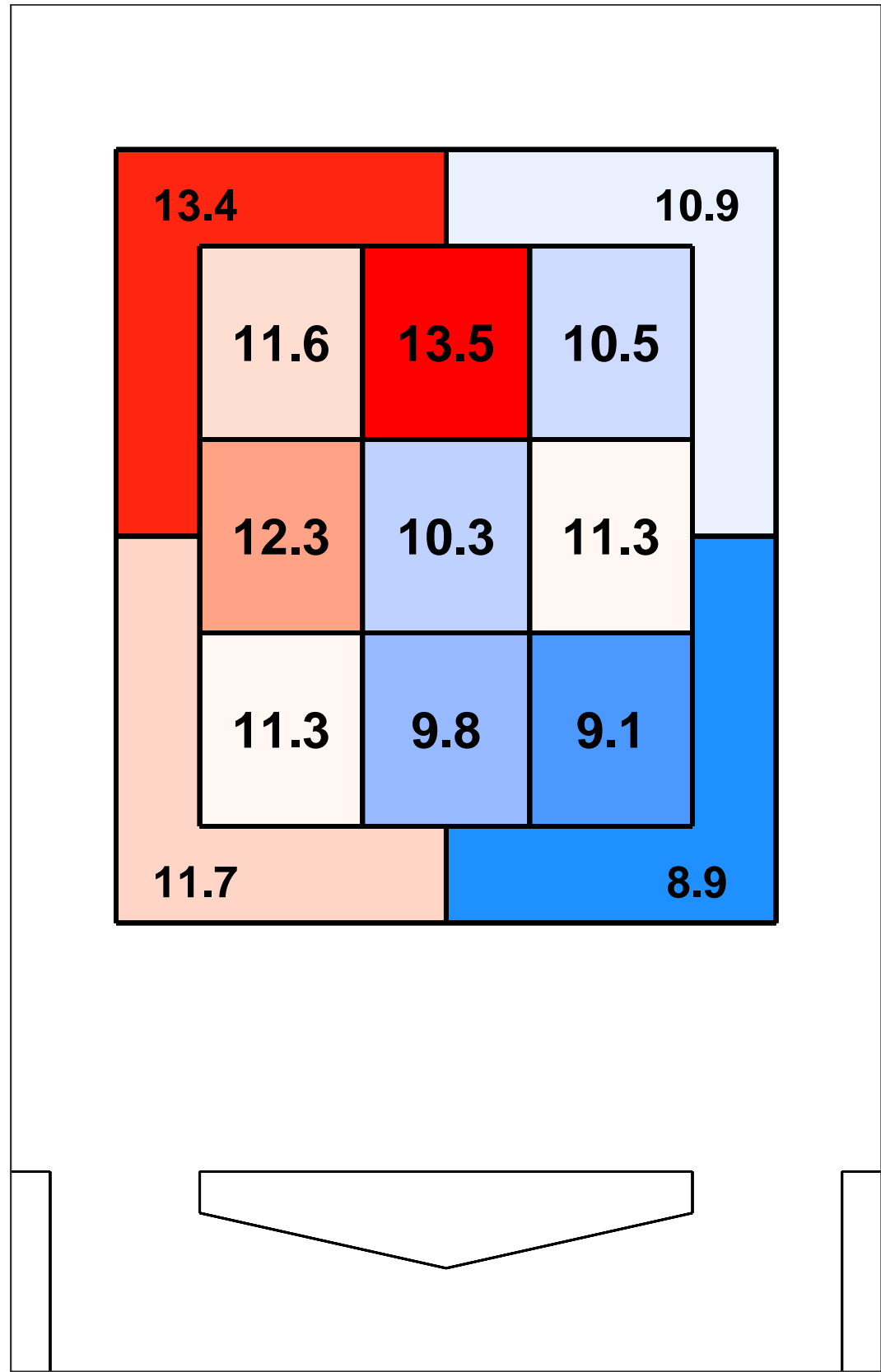
Total Break Sinker – RHH



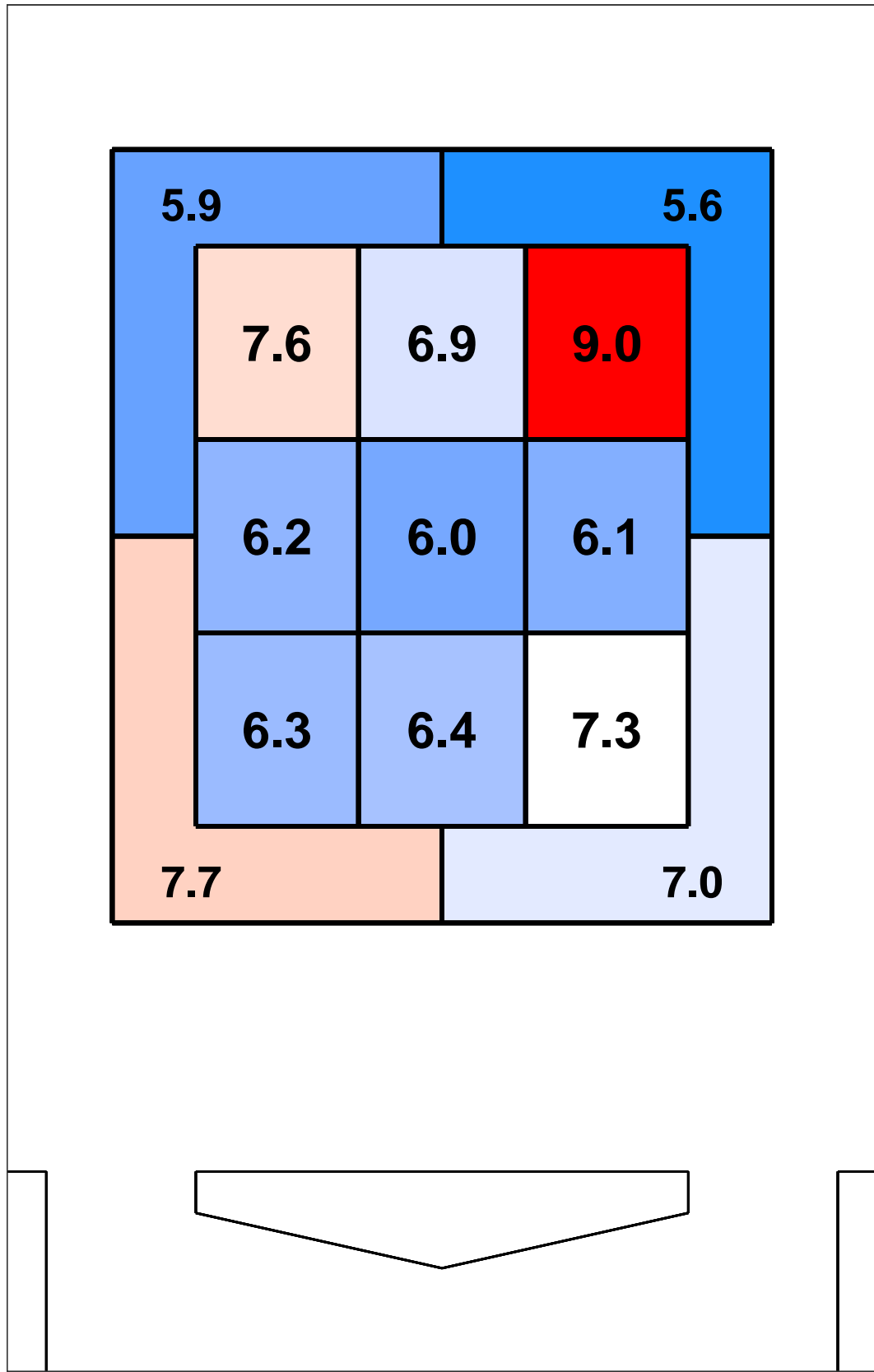
Total Break Cutter – RHH



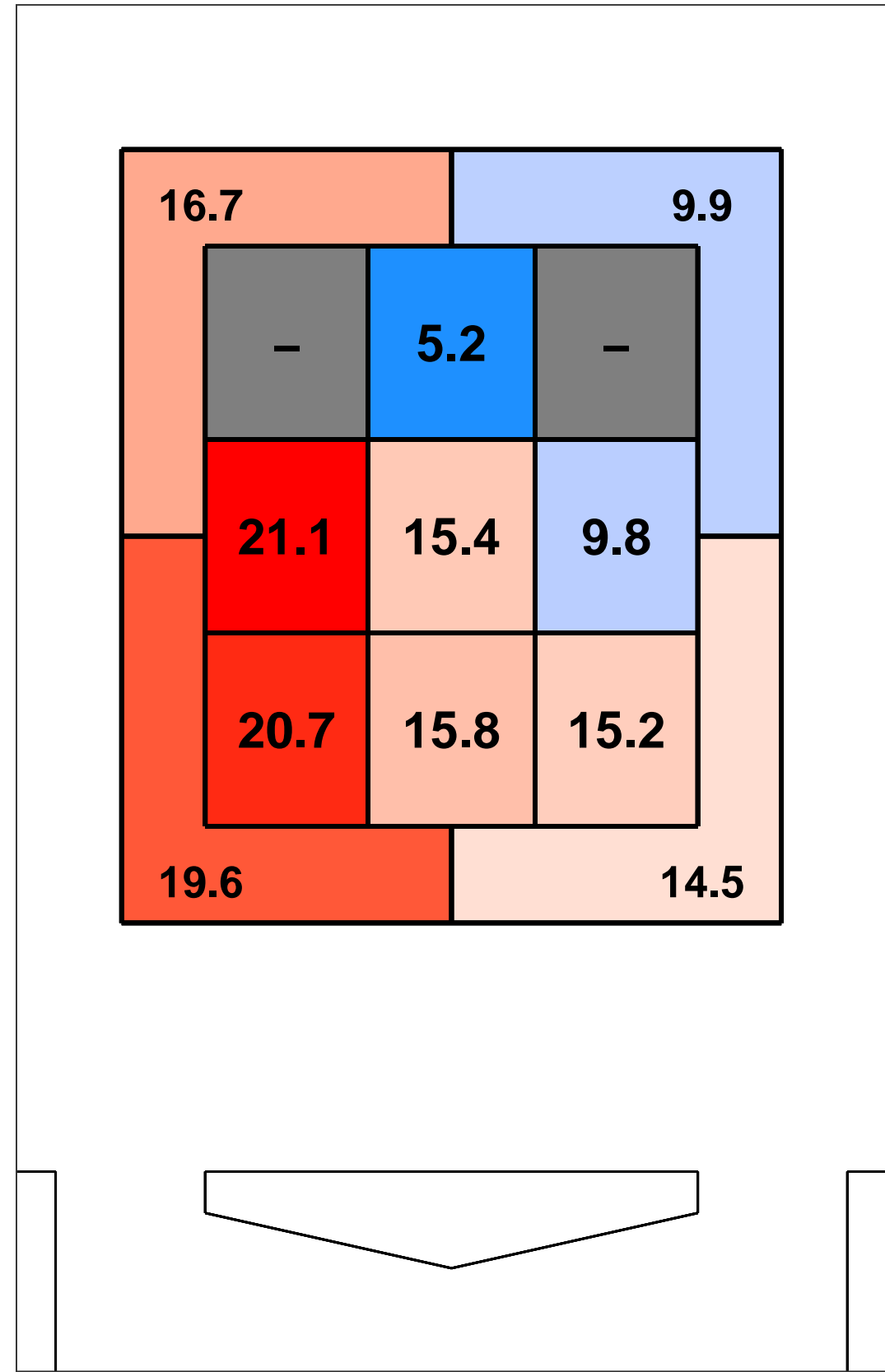
Total Break Curveball – RHH



Total Break Slider – RHH



Total Break Changeup – RHH

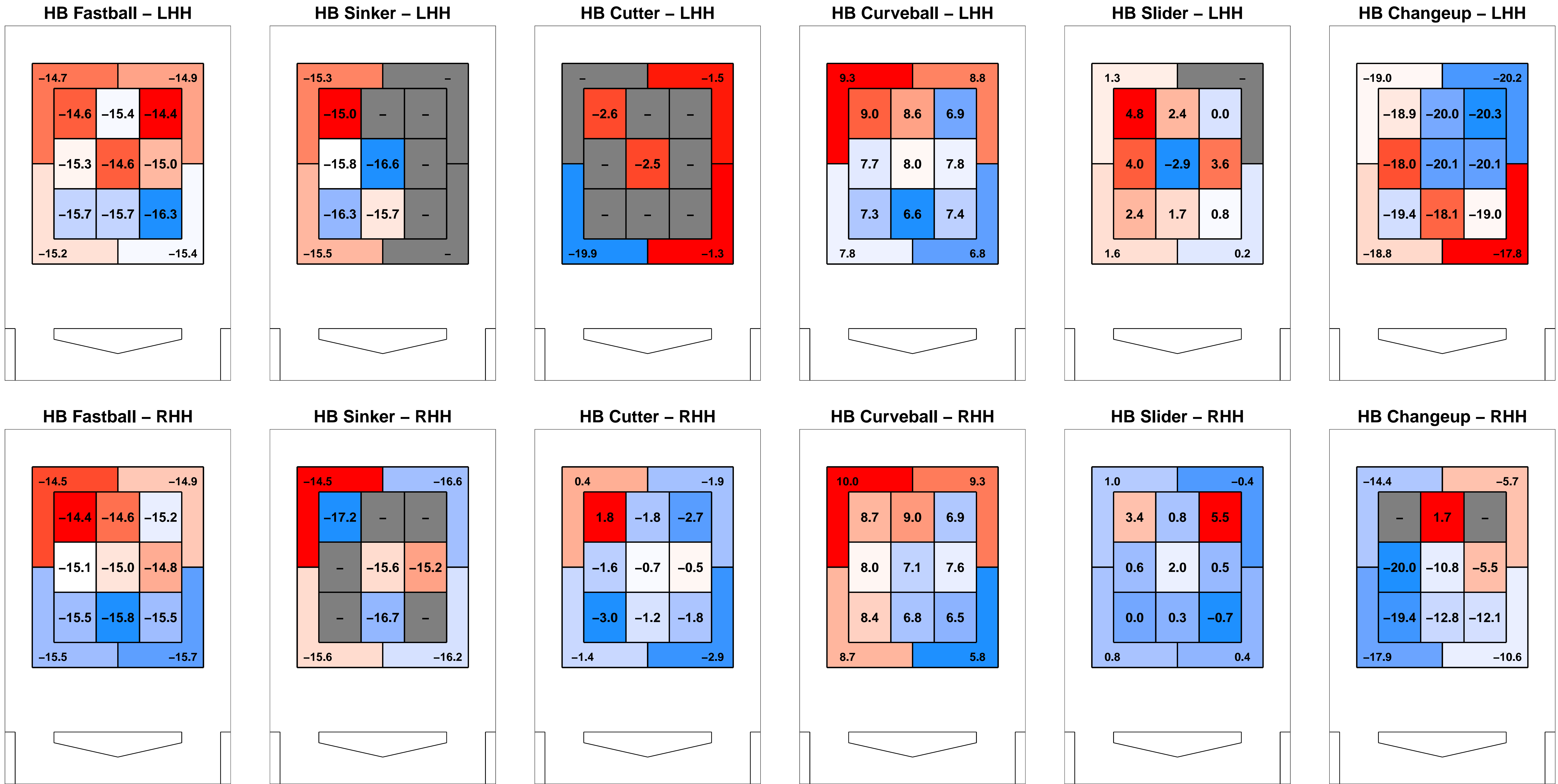


Note: 'Average' refers to Sample's break averages



Sample SSW Report: Horizontal Pitch Break

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Note: 'Average' refers to Sample's break averages



Sample SSW Report: Induced Vertical Pitch Break

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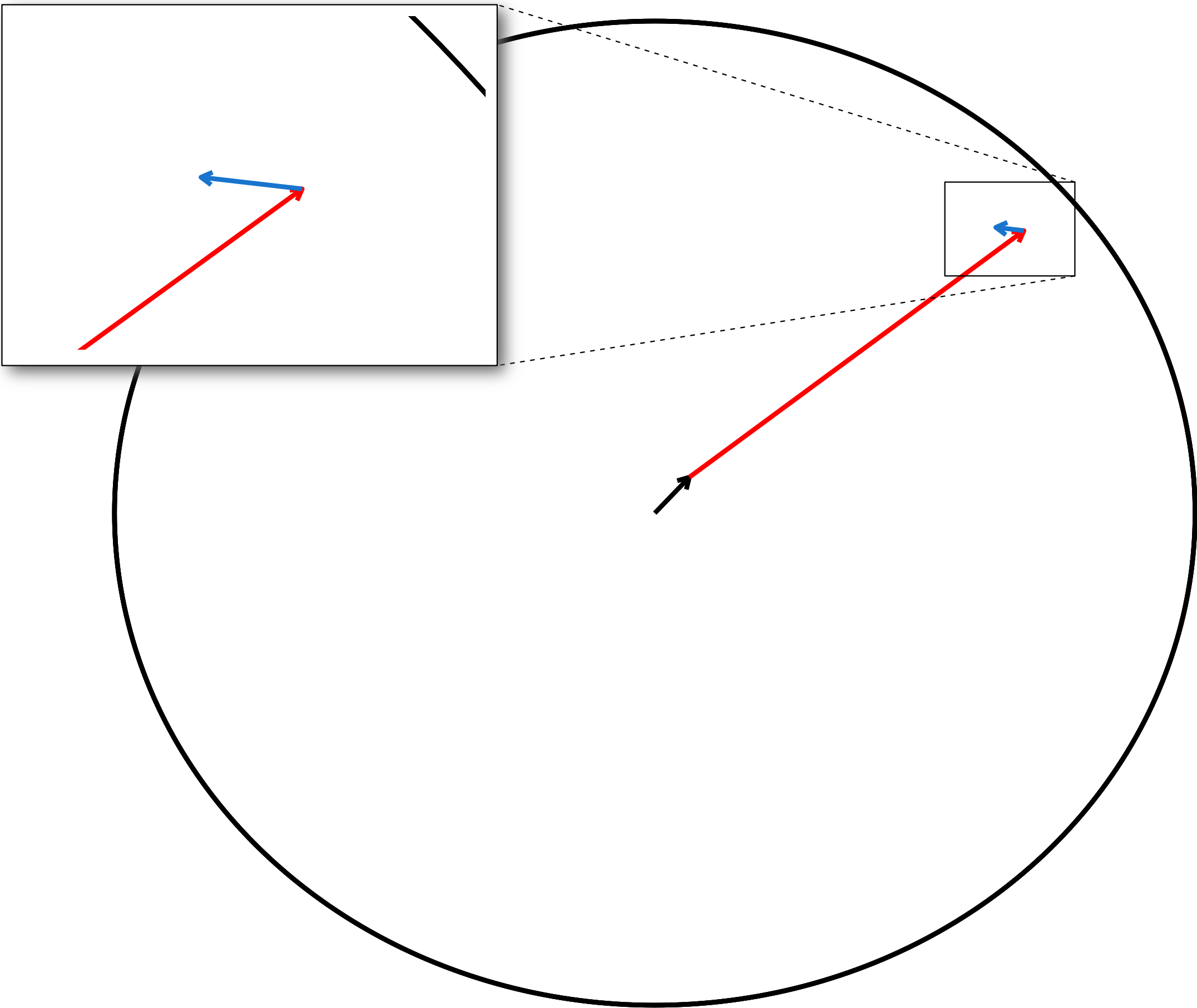


Note: 'Average' refers to Sample's break averages

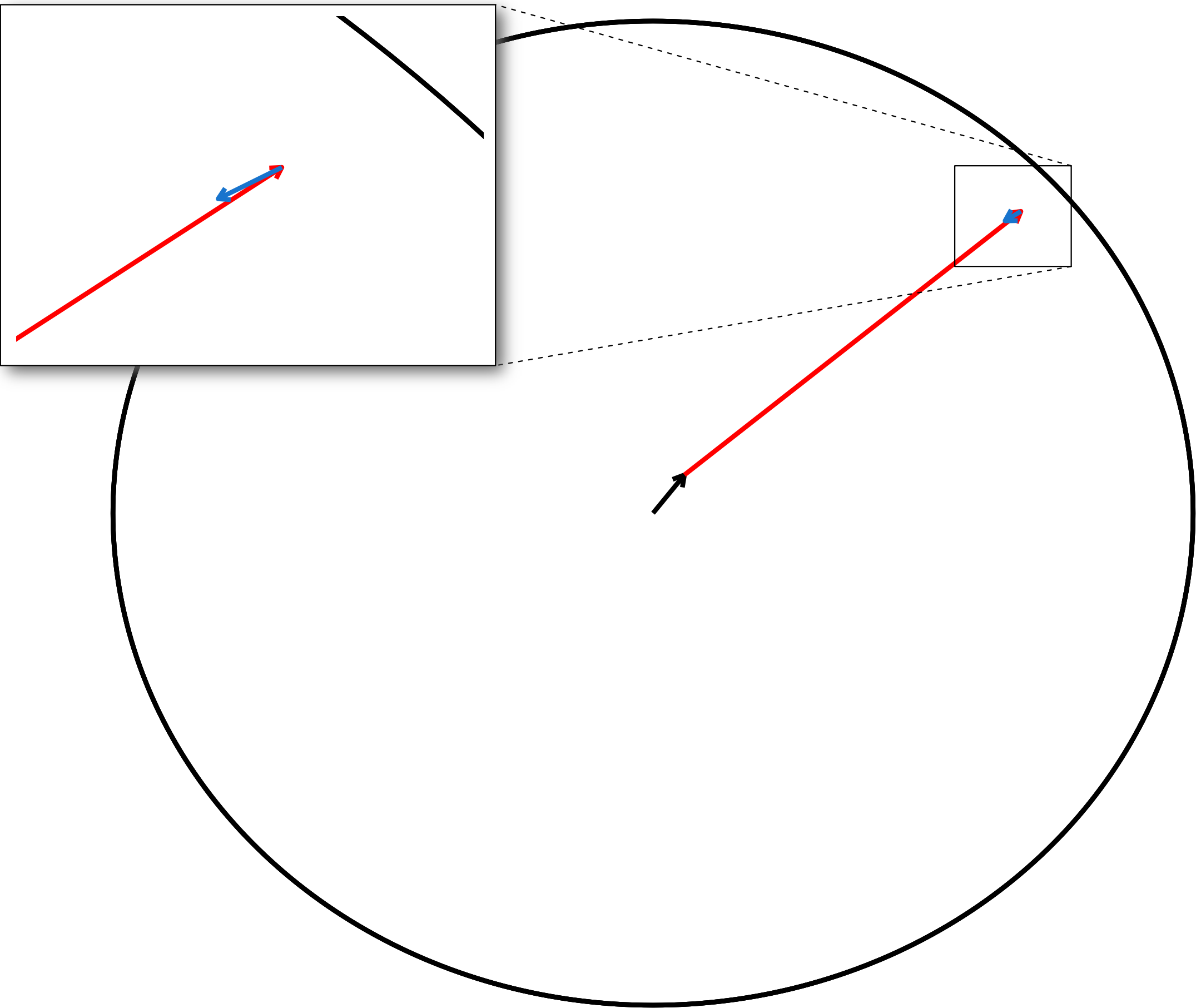


Sample SSW Report: Movement Due to Drag, Magnus, Seam Forces

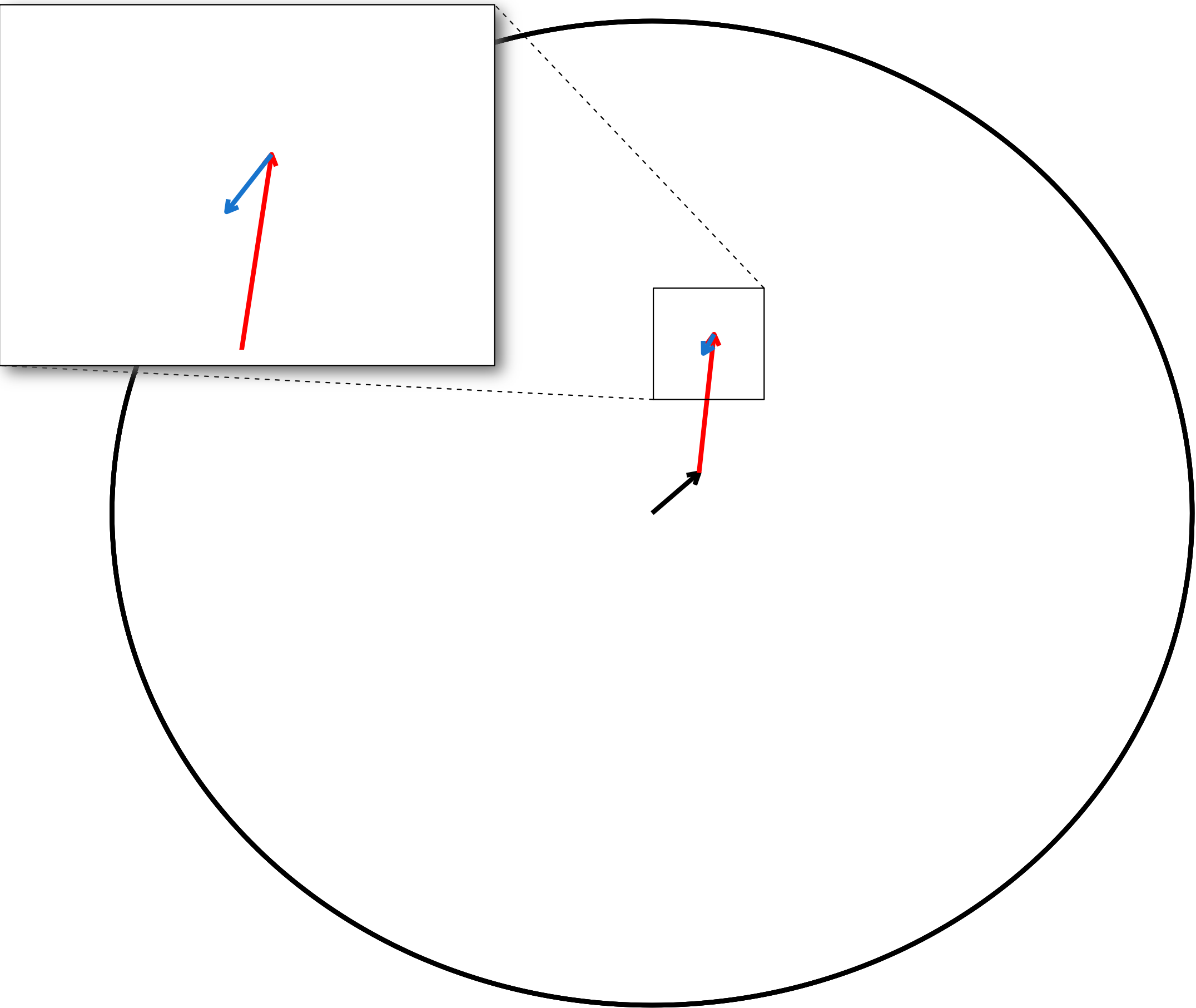
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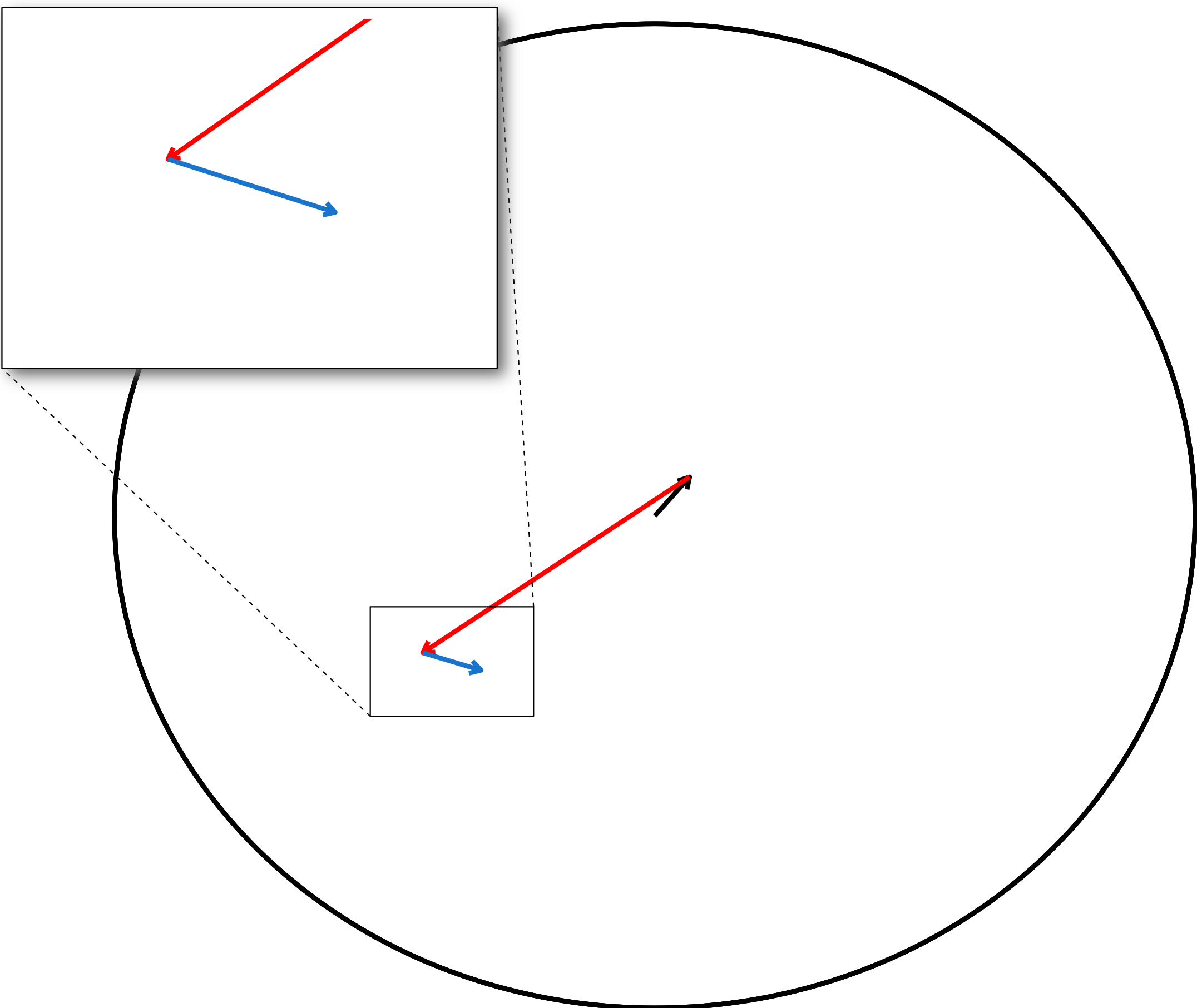
Fastball



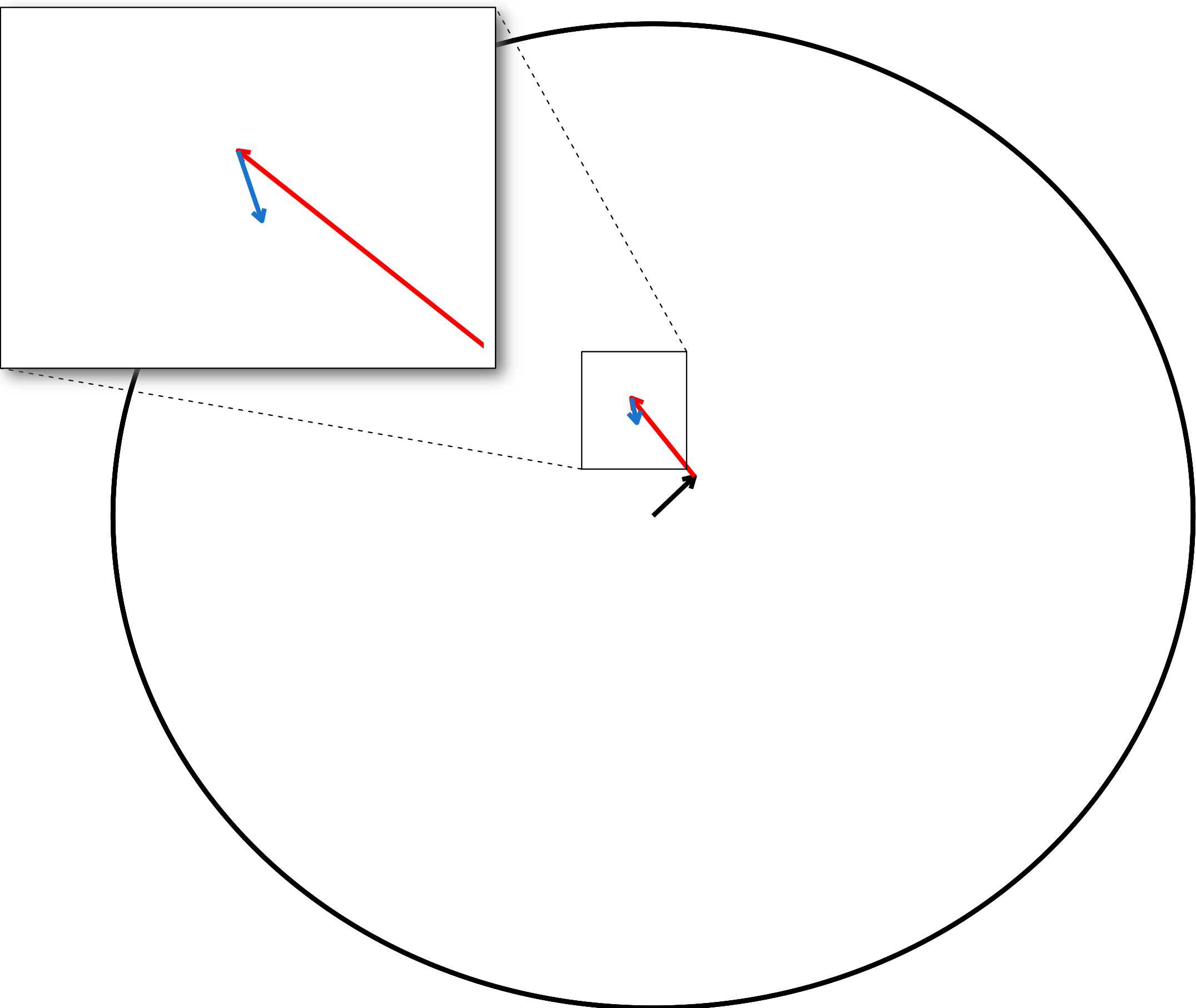
Sinker



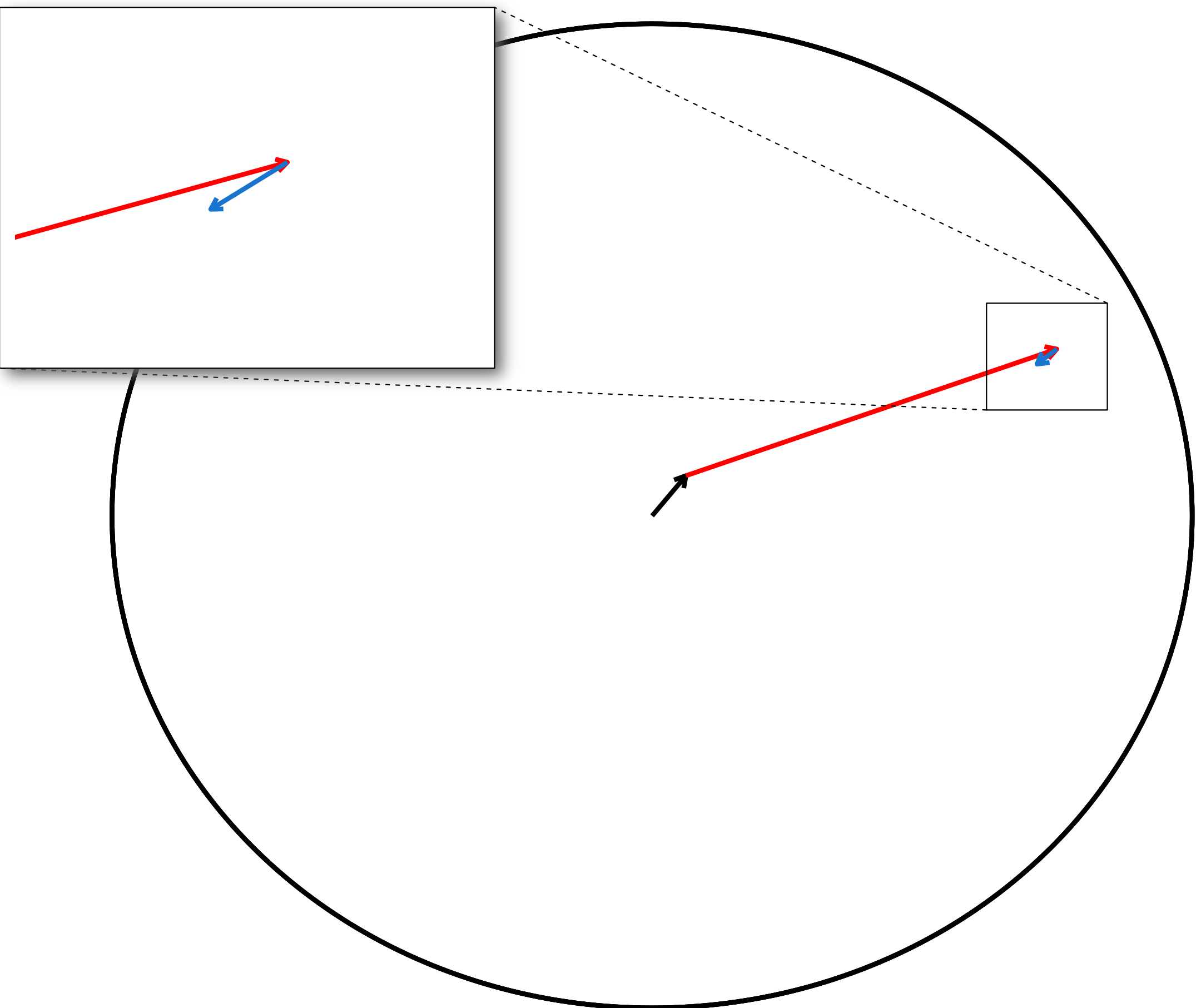
Cutter



Curveball



Slider



Changeup

Forces Drag Magnus Seam

Note: Plots are from pitcher's POV