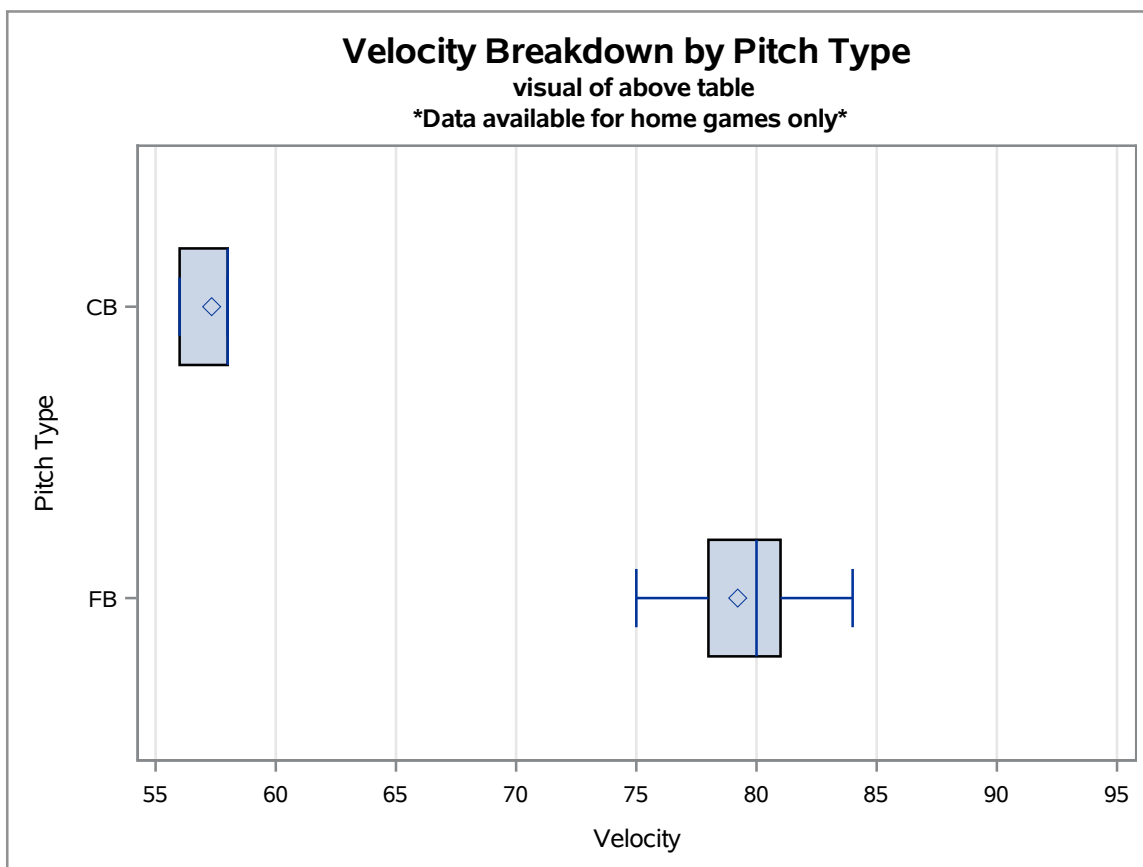


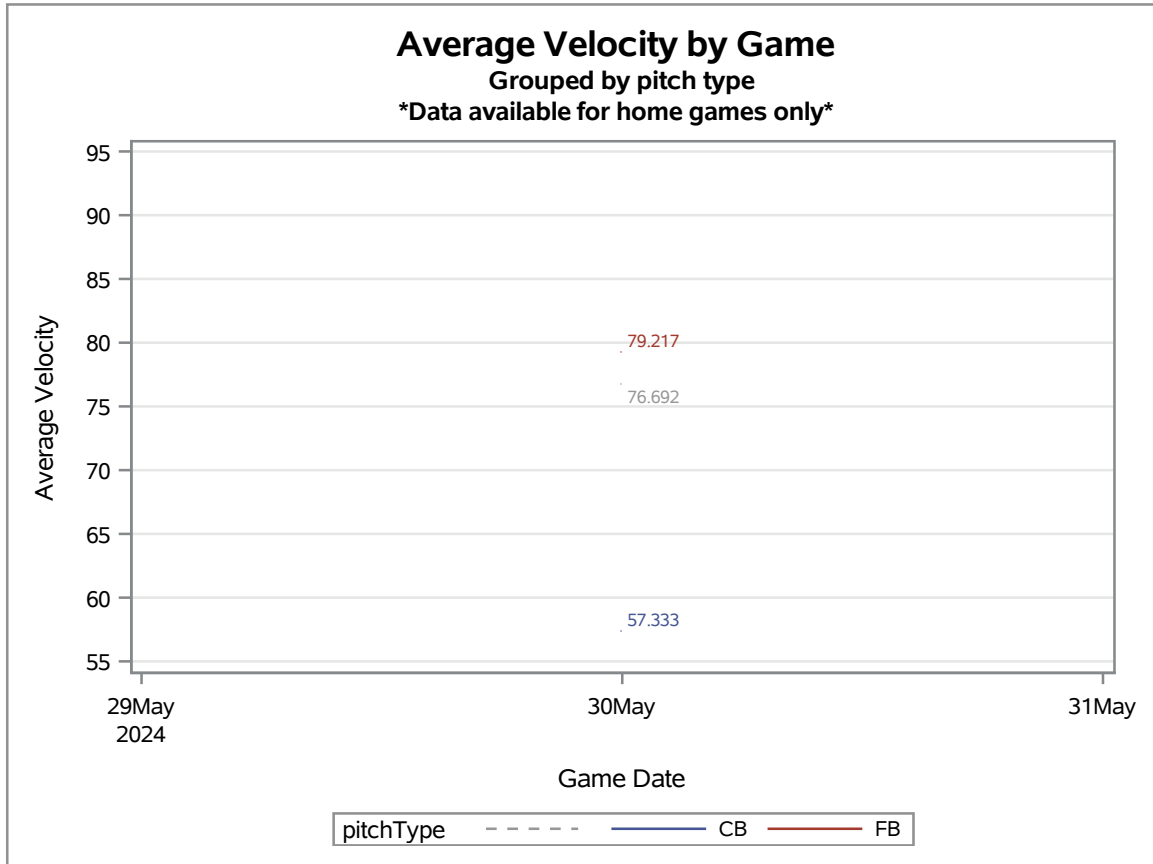
Velocity Breakdown by Pitch Type

Data available for home games only

1

Analysis Variable : velocity					
pitchType	N Obs	N	Minimum	Mean	Maximum
CB	3	3	56.0	57.3	58.0
FB	23	23	75.0	79.2	84.0





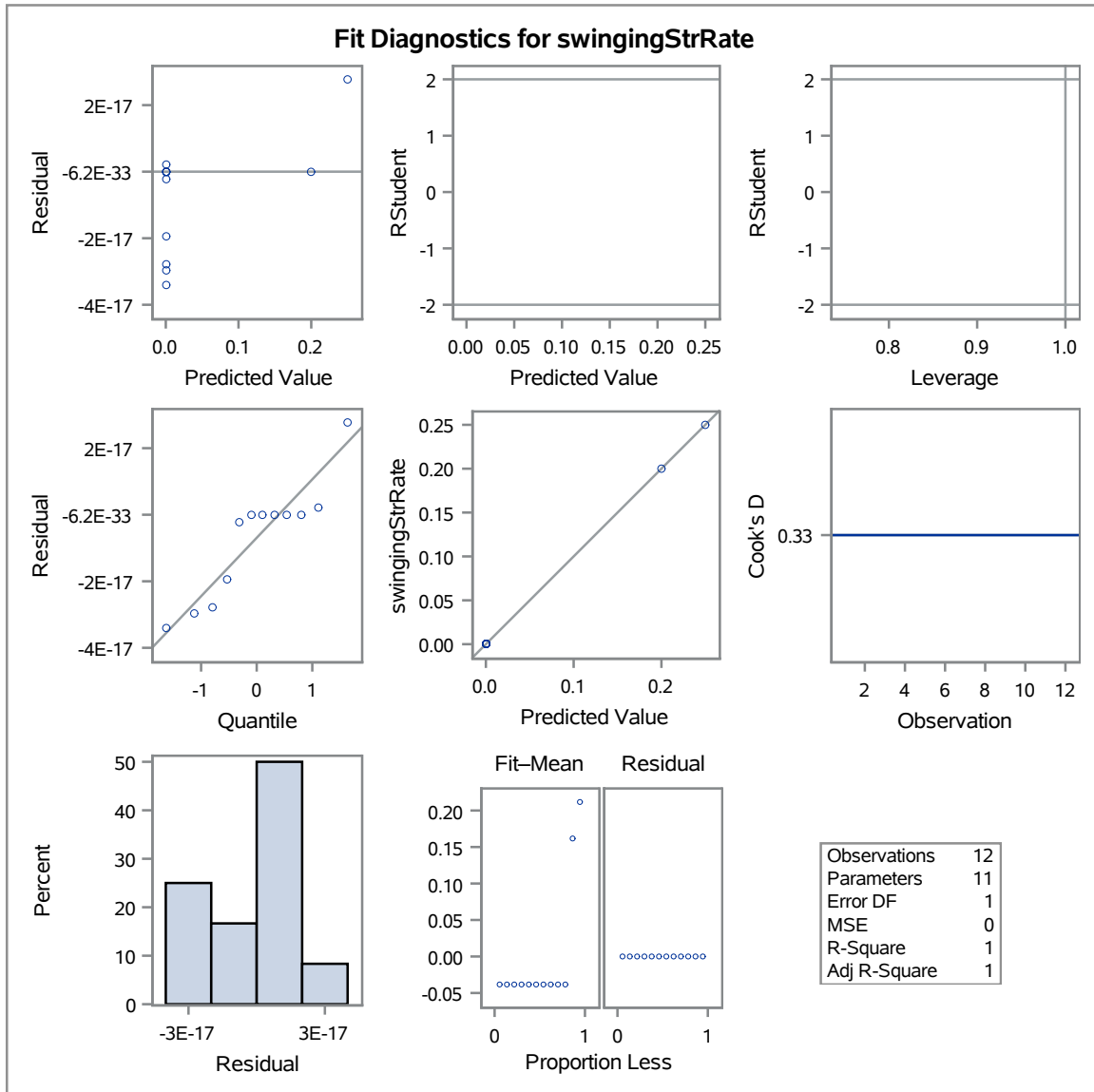
Dependent Variable: swingingStrRate

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	10	0.08562500	0.00856250	Infty	<.0001
Error	1	0.00000000	0.00000000		
Corrected Total	11	0.08562500			

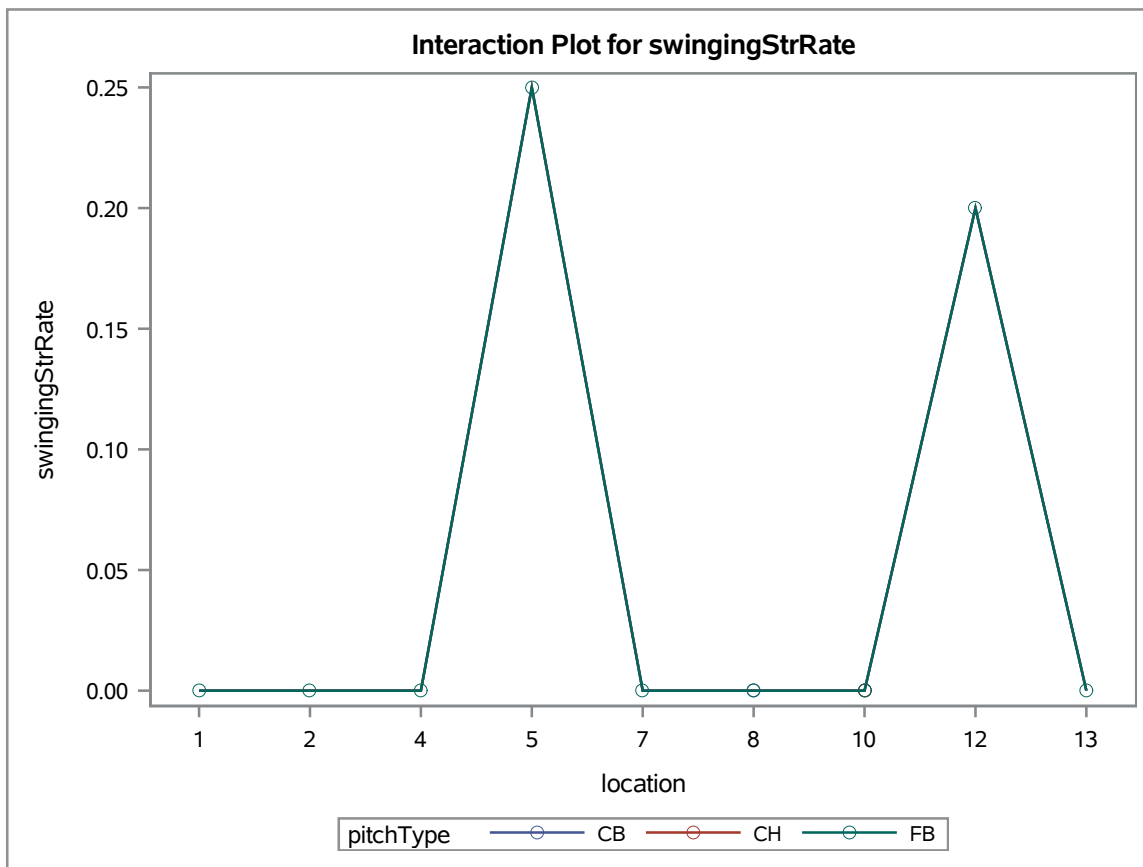
R-Square	Coeff Var	Root MSE	swingingStrRate Mean
1.000000	0	0	0.037500

Source	DF	Type III SS	Mean Square	F Value	Pr > F
location	8	0.08000000	0.01000000	Infty	<.0001
pitchType	2	0.00000000	0.00000000	.	.

Dependent Variable: swingingStrRate



Dependent Variable: swingingStrRate



Least Squares Means
Adjustment for Multiple Comparisons: Tukey-Kramer

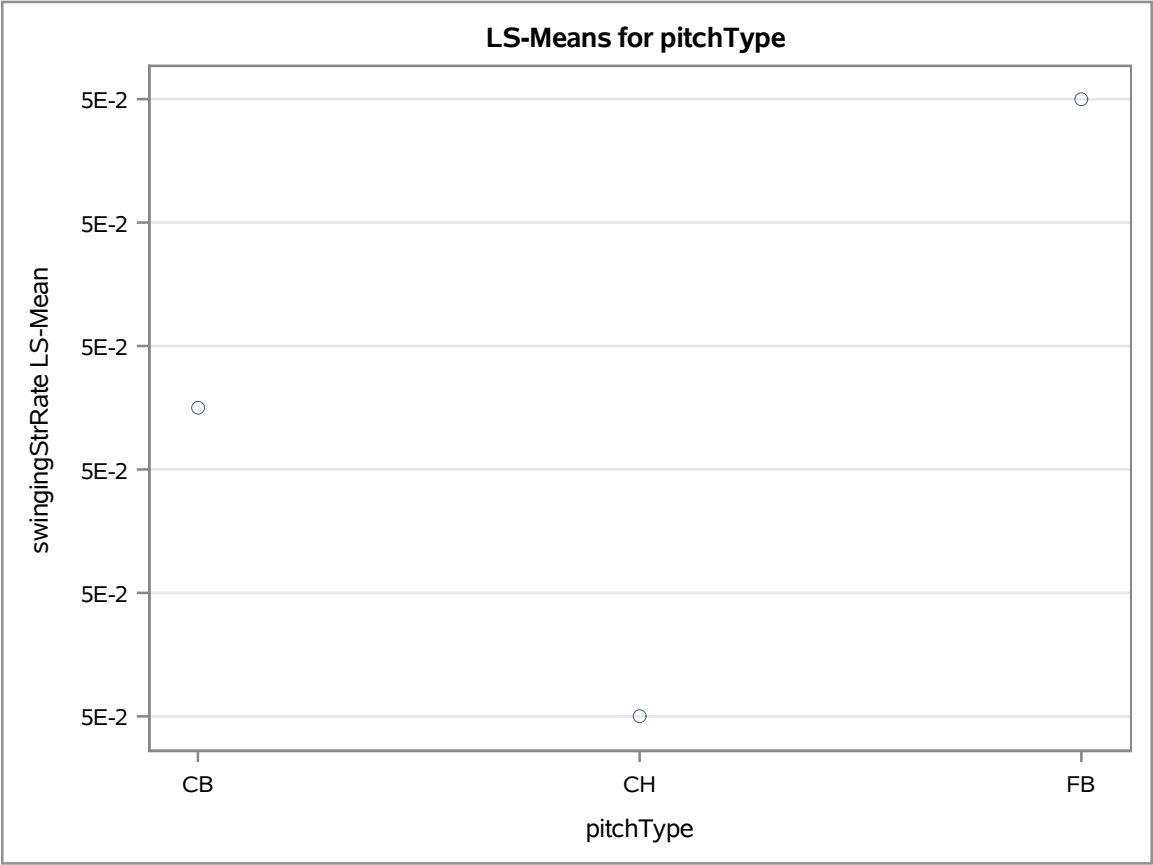
pitchType	swingingStrRate LSMEAN	LSMEAN Number
CB	0.05000000	1
CH	0.05000000	2
FB	0.05000000	3

Least Squares Means for effect pitchType Pr > t for H0: LSMean(i)=LSMean(j) Dependent Variable: swingingStrRate			
i/j	1	2	3
1		.	.
2	.		.
3	.	.	

pitchType	swingingStrRate LSMEAN	95% Confidence Limits	
CB	0.050000	0.050000	0.050000
CH	0.050000	0.050000	0.050000
FB	0.050000	0.050000	0.050000

Least Squares Means for Effect pitchType				
i	j	Difference Between Means	Simultaneous 95% Confidence Limits for LSMean(i)-LSMean(j)	
1	2	0	.	.
1	3	0	.	.
2	3	0	.	.

Least Squares Means
Adjustment for Multiple Comparisons: Tukey-Kramer



Swinging Strike Rate by Zone

Zones 1-9 are inside strikezone, 10-13 are outside of zone

Pitch Location	Total Pitches	Total Swings	Total Misses	Swinging Strike Rate
1	2	2	0	0.00%
2	1	1	0	0.00%
4	5	1	0	0.00%
5	4	3	1	25.00%
7	2	2	0	0.00%
8	2	2	0	0.00%
10	9	0	0	0.00%
12	5	1	1	20.00%
13	4	1	0	0.00%

Swing and Miss Data by Pitch Type

10

Pitch Type	Total Pitches	Total Swings	Total Misses	Swinging Strike Rate
CB	3	1	0	0.00%
CH	1	0	0	0.00%
FB	30	12	2	6.67%

Data available for home games only

Dependent Variable: velocity

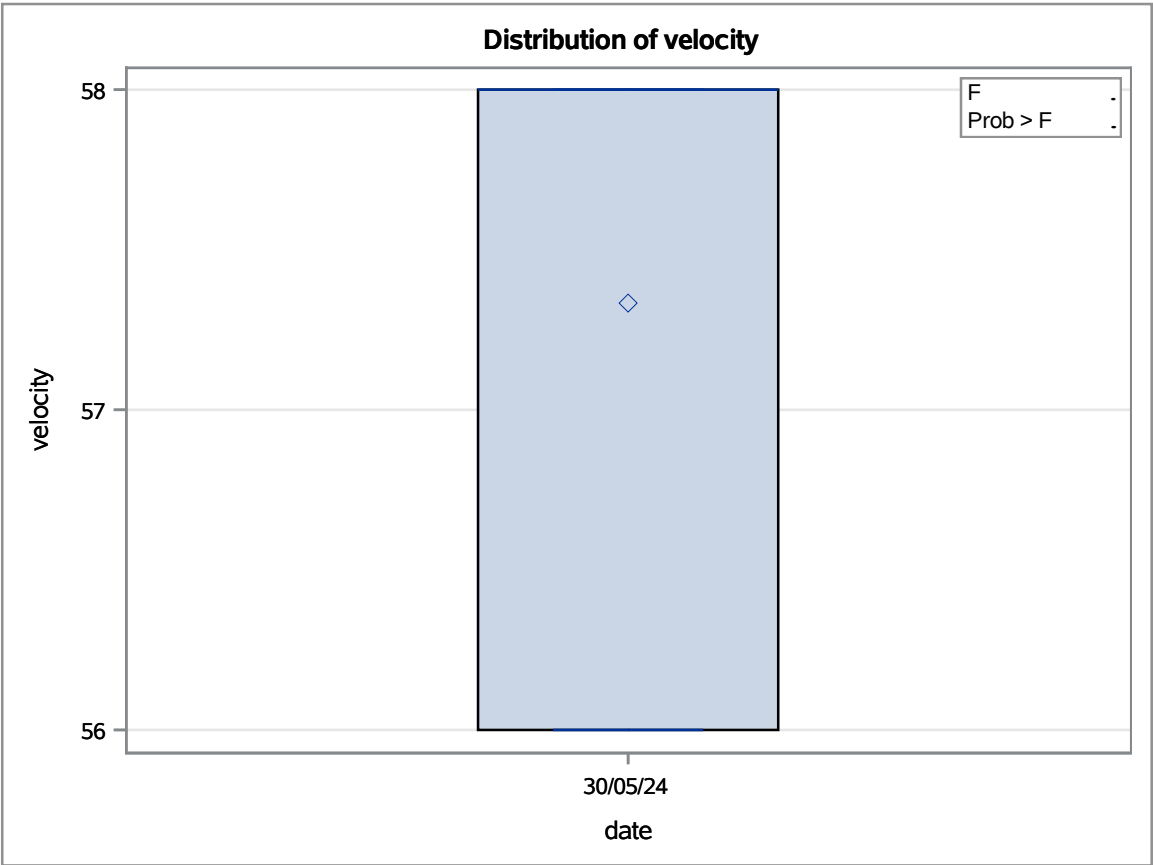
pitchType=CB

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	0	0.00000000	.	.	.
Error	2	2.66666667	1.33333333		
Corrected Total	2	2.66666667			

R-Square	Coeff Var	Root MSE	velocity Mean
0.000000	2.014013	1.154701	57.33333

Source	DF	Type I SS	Mean Square	F Value	Pr > F
date	0	0	.	.	.

Source	DF	Type III SS	Mean Square	F Value	Pr > F
date	0	0	.	.	.



Data available for home games only

Dependent Variable: velocity

pitchType=FB

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	0	0.0000000	.	.	.
Error	22	115.9130435	5.2687747		
Corrected Total	22	115.9130435			

R-Square	Coeff Var	Root MSE	velocity Mean
0.000000	2.897572	2.295381	79.21739

Source	DF	Type I SS	Mean Square	F Value	Pr > F
date	0	0	.	.	.

Source	DF	Type III SS	Mean Square	F Value	Pr > F
date	0	0	.	.	.

