Velocity Breakdown by Pitch Type
Data available for home games only

			Analysis Variable : velocity		
pitchType	N Obs	N	Minimum	Mean	Maximum
CB	3	3	49.0	54.3	63.0
CH	3	3	65.0	65.7	66.0
FB	8	8	66.0	67.8	70.0

Velocity Breakdown by Pitch Type
visual of above table
Data available for home games only

Average Velocity by Game
Grouped by pitch type
Data available for home games only

Average Velocity by Game grouped by pitch type. Y-axis: Average Velocity (55–95). X-axis: Game Date (17Jun 2024 – 19Jun). Data points on 18Jun: 67.75 (FB), 65.667 (CH), 64.429, 54.333 (CB). Legend: pitchType — CB, CH, FB.
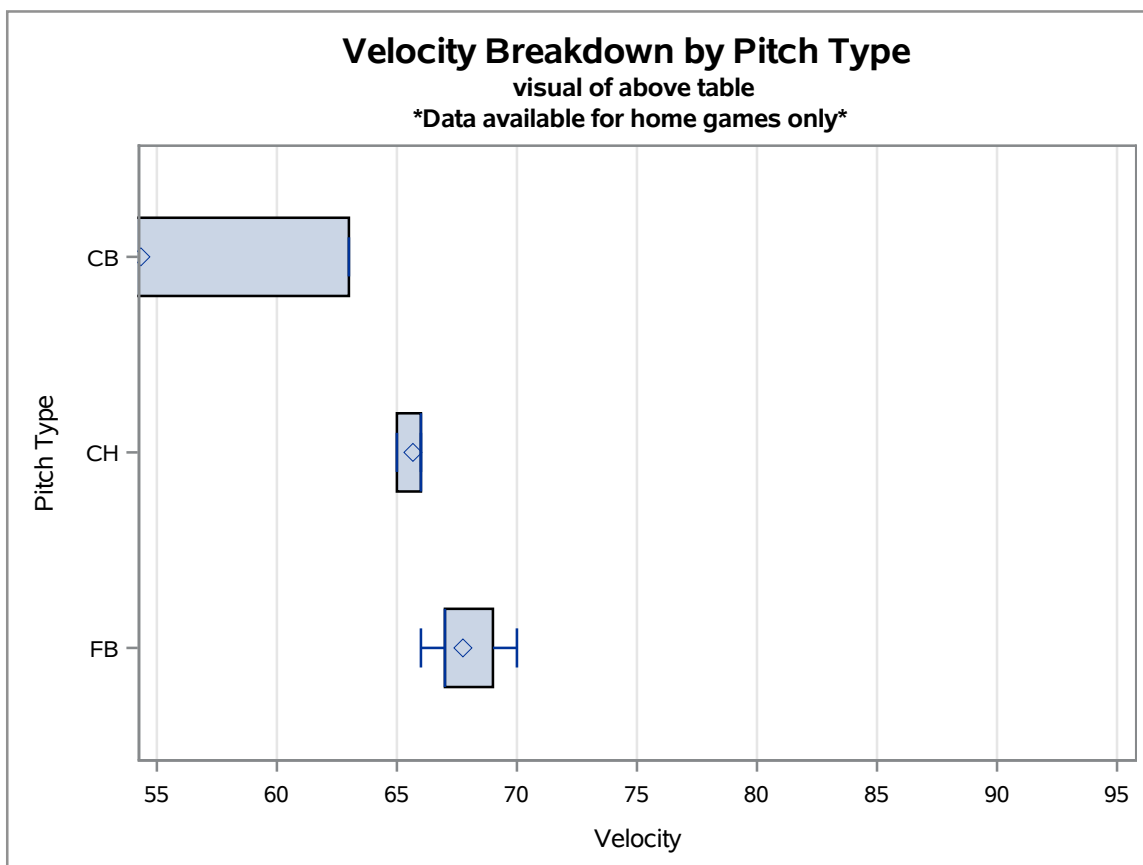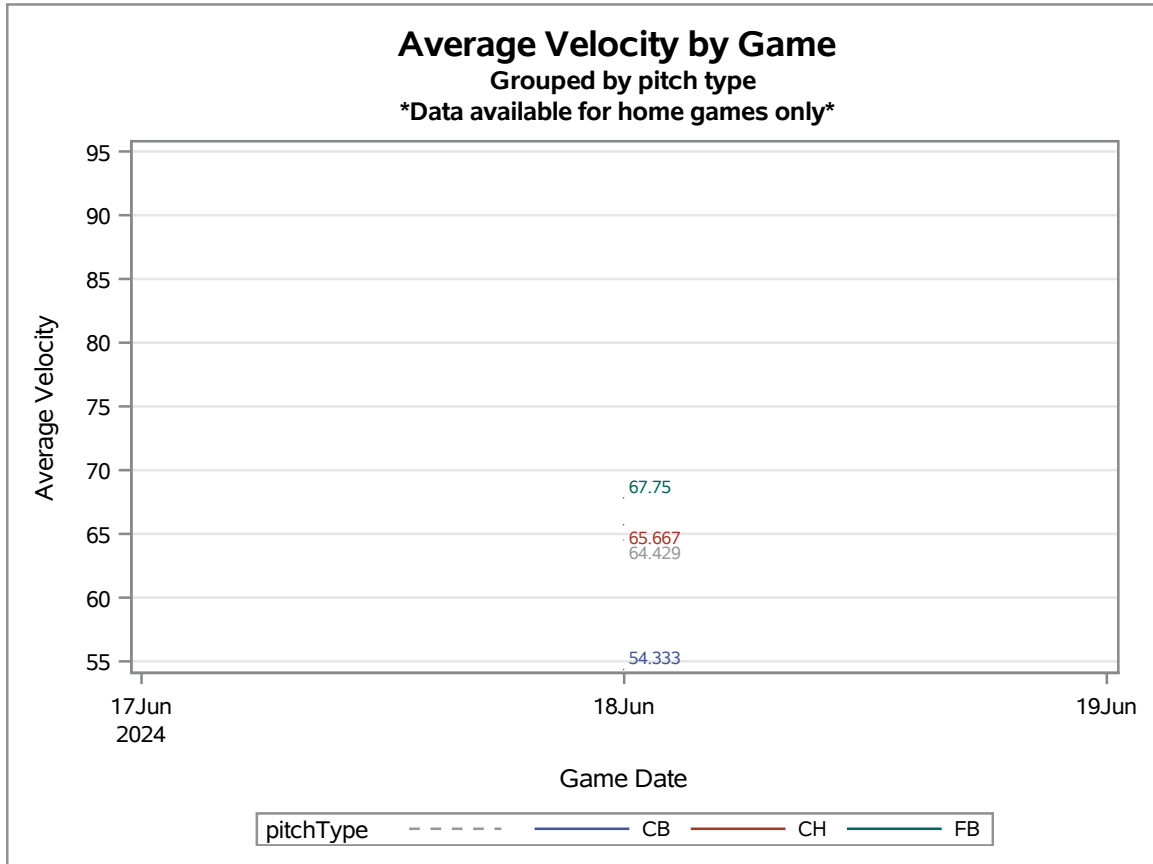
Dependent Variable: swingingStrRate

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	10	0	0	.	.
Error	0	0	.		
Corrected Total	10	0			

R-Square	Coeff Var	Root MSE	swingingStrRate Mean
0.000000	.	.	0

Source	DF	Type III SS	Mean Square	F Value	Pr > F
location	8	0	0	.	.
pitchType	2	0	0	.	.

Analysis of Swinging Strike Rate by Pitch Type and Location

Dependent Variable: swingingStrRate

Fit Diagnostics for swingingStrRate

Dependent Variable: swingingStrRate
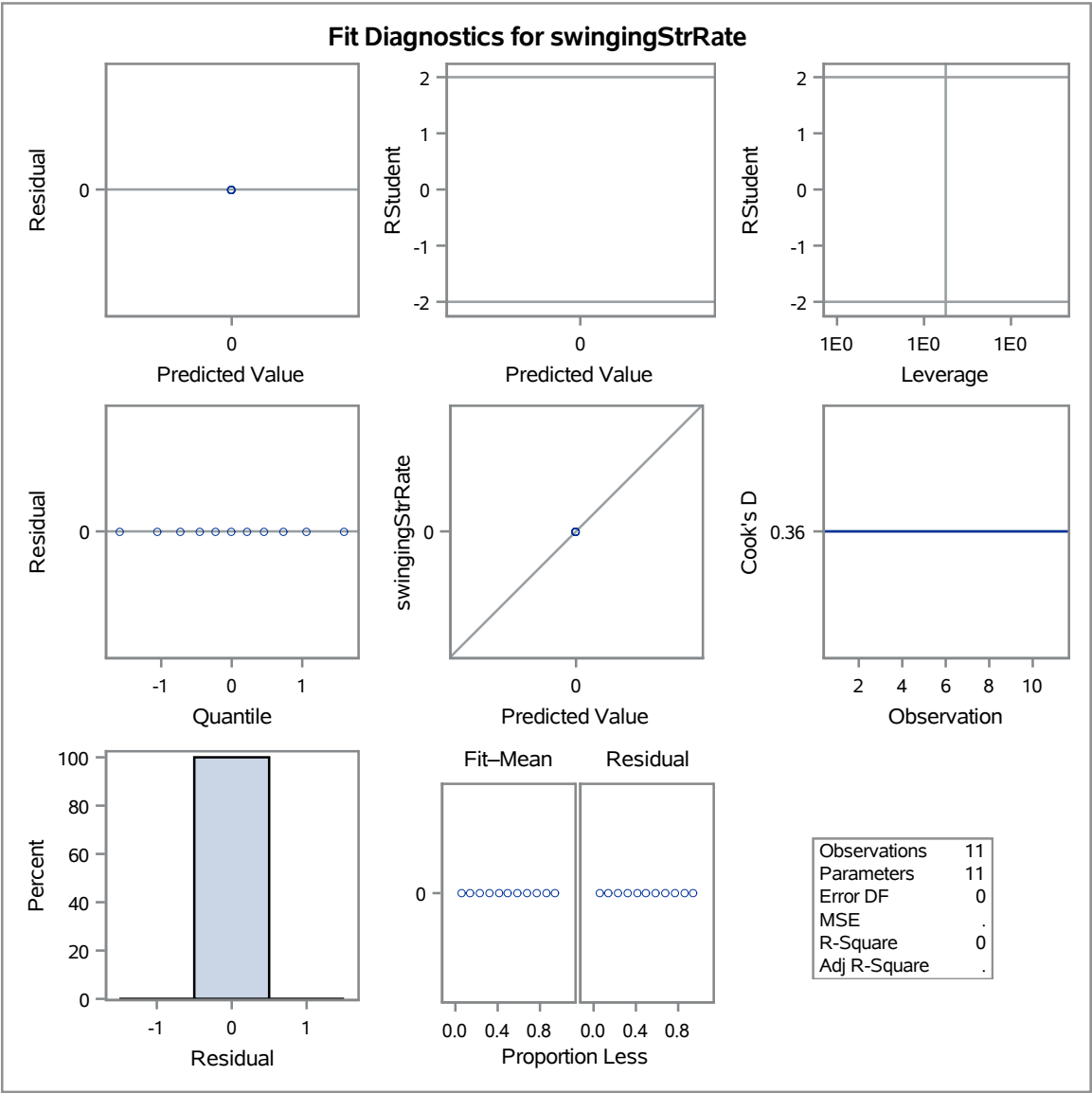
Interaction Plot for swingingStrRate
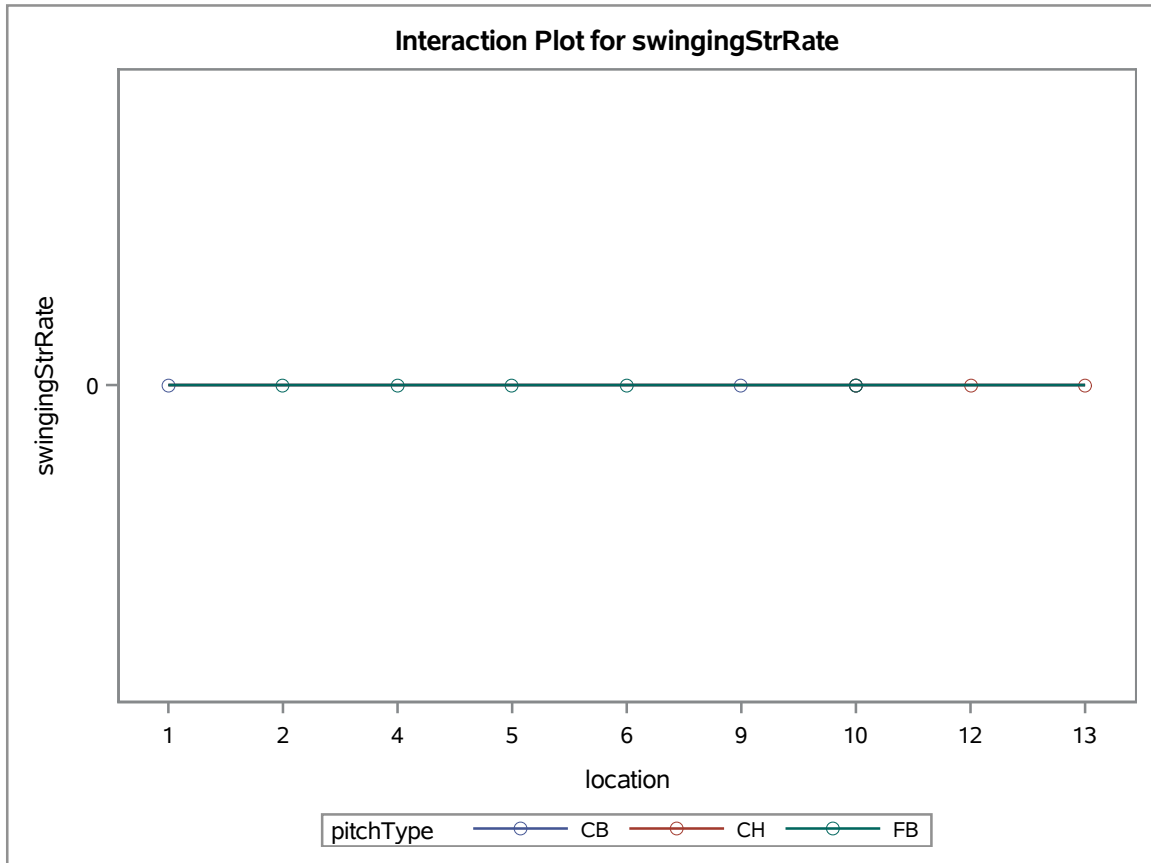
Least Squares Means
**Adjustment for Multiple Comparisons: Tukey-Kramer**

pitchType	swingingStrRate LSMEAN	LSMEAN Number
CB	0	1
CH	0	2
FB	0	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	.	.
CH	0	.	.
FB	0	.	.

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
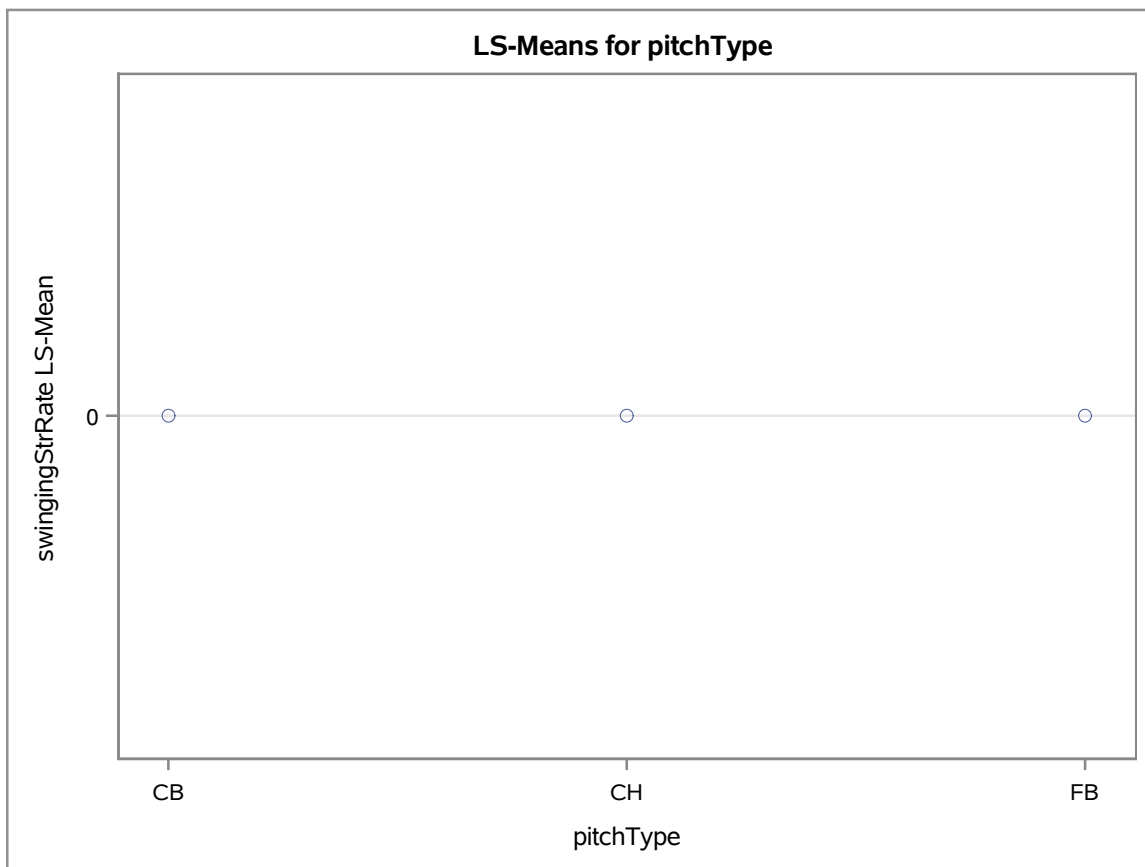
Swinging Strike Rate by Zone
Zones 1-9 are inside strikezone, 10-13 are outside of zone

Pitch Location	Total Pitches	Total Swings	Total Misses	Swinging Strike Rate
1	1	1	0	0.00%
2	1	1	0	0.00%
4	1	0	0	0.00%
5	1	0	0	0.00%
6	1	0	0	0.00%
9	1	0	0	0.00%
10	6	0	0	0.00%
12	1	1	0	0.00%
13	1	0	0	0.00%

Pitch Type	Total Pitches	Total Swings	Total Misses	Swinging Strike Rate
CB	3	1	0	0.00%
CH	3	1	0	0.00%
FB	8	1	0	0.00%

Regression Analysis of Velocity by Pitch Type
Data available for home games only

Dependent Variable: velocity

pitchType=CB

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	0	0.0000000	.	.	.
Error	2	114.6666667	57.3333333		
Corrected Total	2	114.6666667			

R-Square	Coeff Var	Root MSE	velocity Mean
0.000000	13.93597	7.571878	54.33333

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	.	.	.

Distribution of velocity

Regression Analysis of Velocity by Pitch Type
Data available for home games only
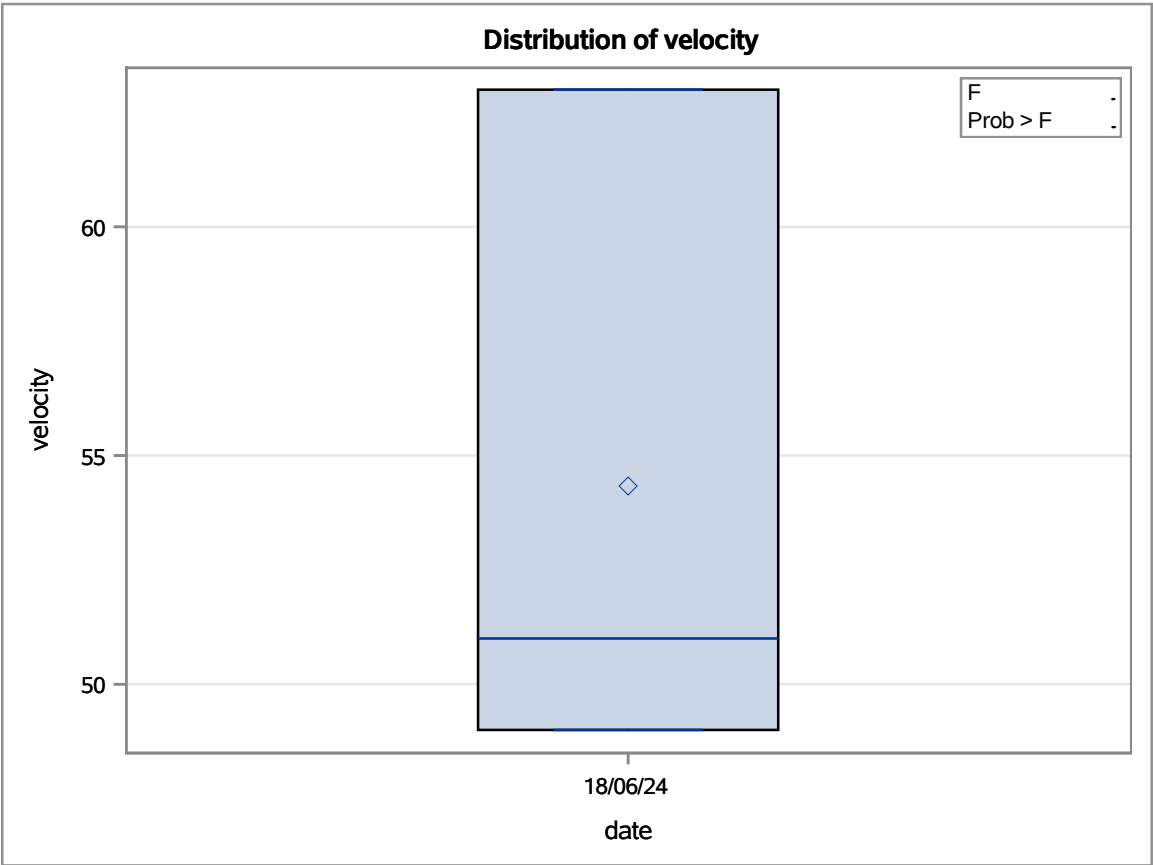
Dependent Variable: velocity

pitchType=CH

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	0	0.00000000		.	.	.
Error	2	0.66666667	0.33333333		
Corrected Total	2	0.66666667			

R-Square	Coeff Var	Root MSE	velocity Mean
0.000000	0.879214	0.577350	65.66667

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	.	.	.

Distribution of velocity

Regression Analysis of Velocity by Pitch Type
Data available for home games only
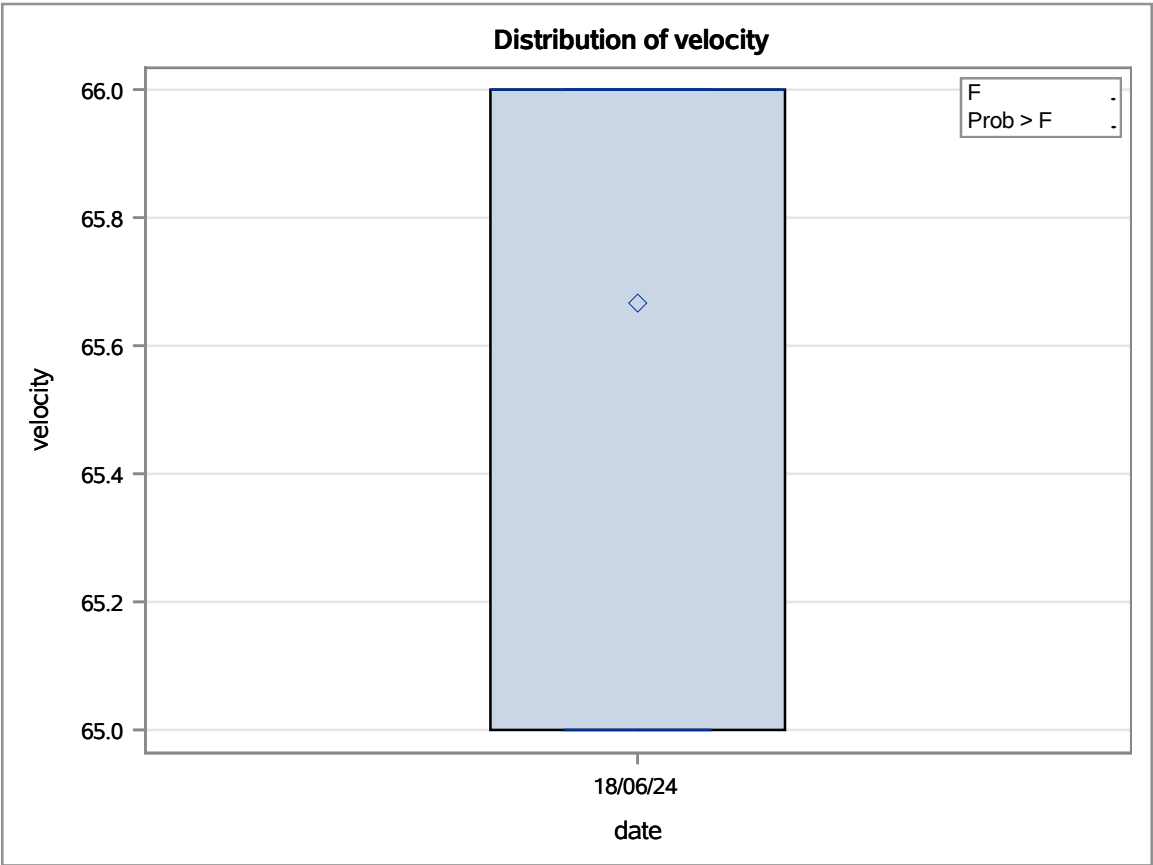
Dependent Variable: velocity

pitchType=FB

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	0	0.00000000	.	.	.
Error	7	13.50000000	1.92857143		
Corrected Total	7	13.50000000			

R-Square	Coeff Var	Root MSE	velocity Mean
0.000000	2.049786	1.388730	67.75000

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	.	.	.

Distribution of velocity