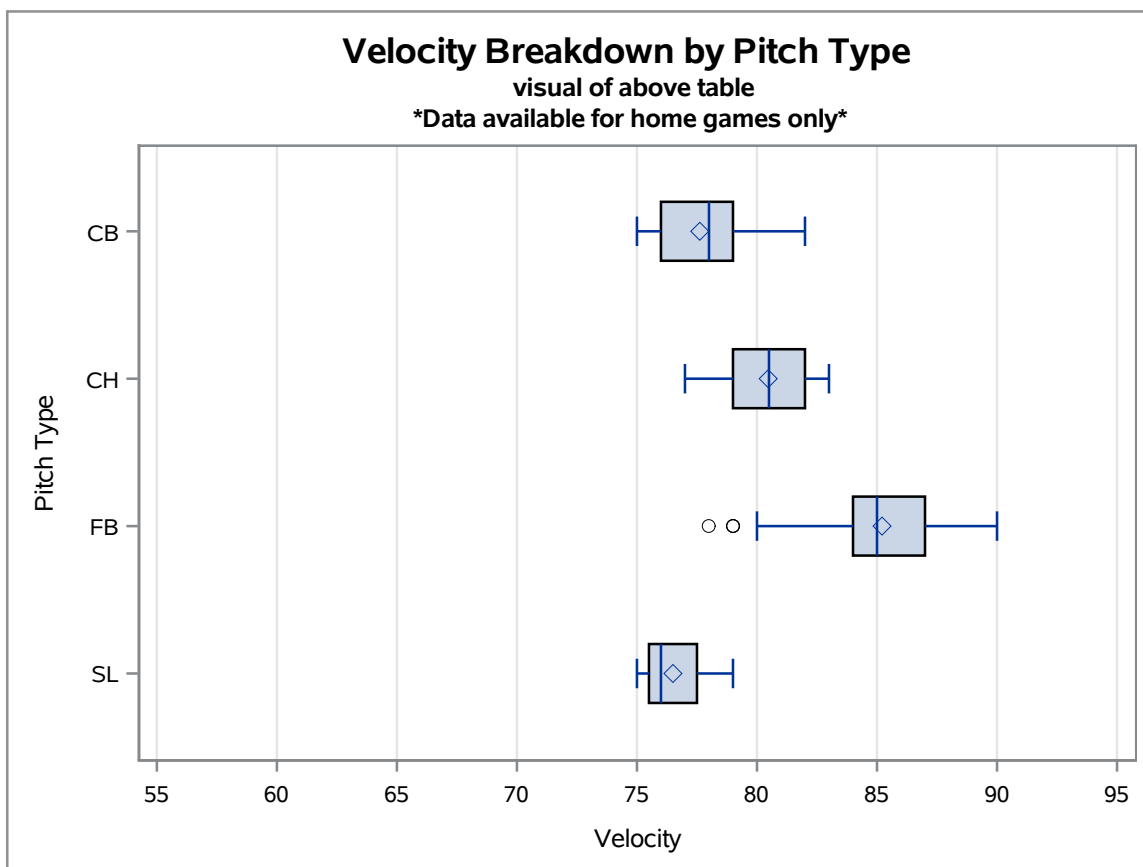


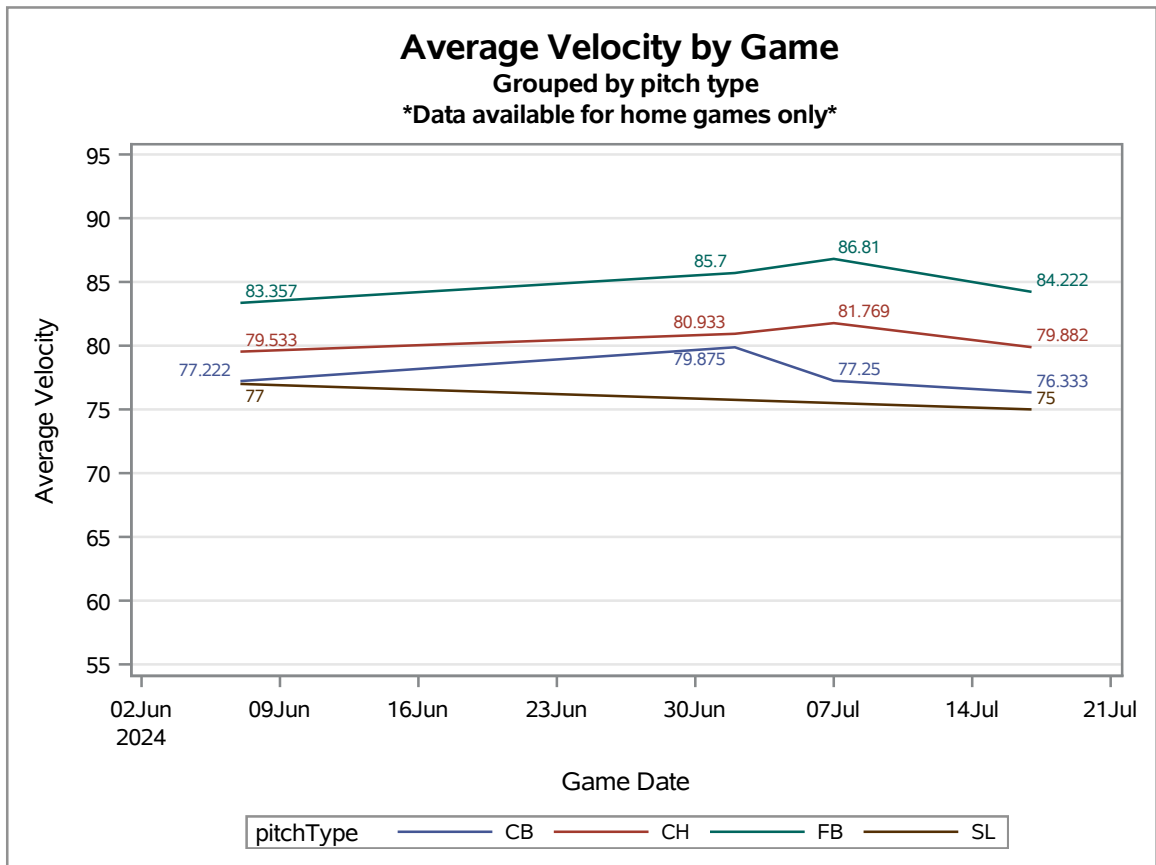
Velocity Breakdown by Pitch Type

Data available for home games only

1

Analysis Variable : velocity					
pitchType	N Obs	N	Minimum	Mean	Maximum
CB	34	34	75.0	77.6	82.0
CH	60	60	77.0	80.5	83.0
FB	133	133	78.0	85.2	90.0
SL	4	4	75.0	76.5	79.0





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	7	4	0	0.00%
2	8	8	3	37.50%
3	7	6	1	14.29%
4	17	7	2	11.76%
5	19	15	4	21.05%
6	24	12	3	12.50%
7	9	8	2	22.22%
8	17	14	3	17.65%
9	15	11	5	33.33%
10	25	3	1	4.00%
11	17	4	2	11.76%
12	33	7	7	21.21%
13	42	10	10	23.81%

Regression Analysis of Velocity by Pitch Type

Data available for home games only

5

Dependent Variable: velocity

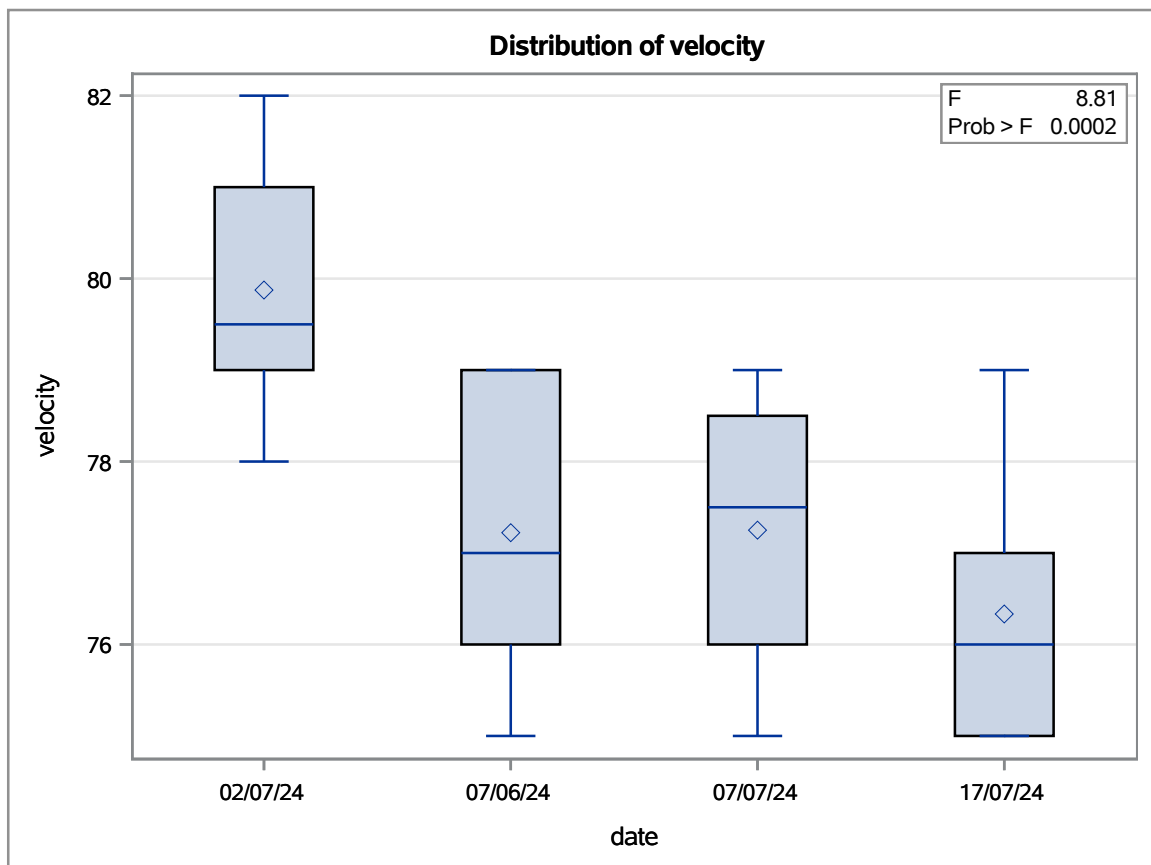
pitchType=CB

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	3	58.0988562	19.3662854	8.81	0.0002
Error	30	65.9305556	2.1976852		
Corrected Total	33	124.0294118			

R-Square	Coeff Var	Root MSE	velocity Mean
0.468428	1.909951	1.482459	77.61765

Source	DF	Type I SS	Mean Square	F Value	Pr > F
date	3	58.09885621	19.36628540	8.81	0.0002

Source	DF	Type III SS	Mean Square	F Value	Pr > F
date	3	58.09885621	19.36628540	8.81	0.0002



Regression Analysis of Velocity by Pitch Type

Data available for home games only

Dependent Variable: velocity

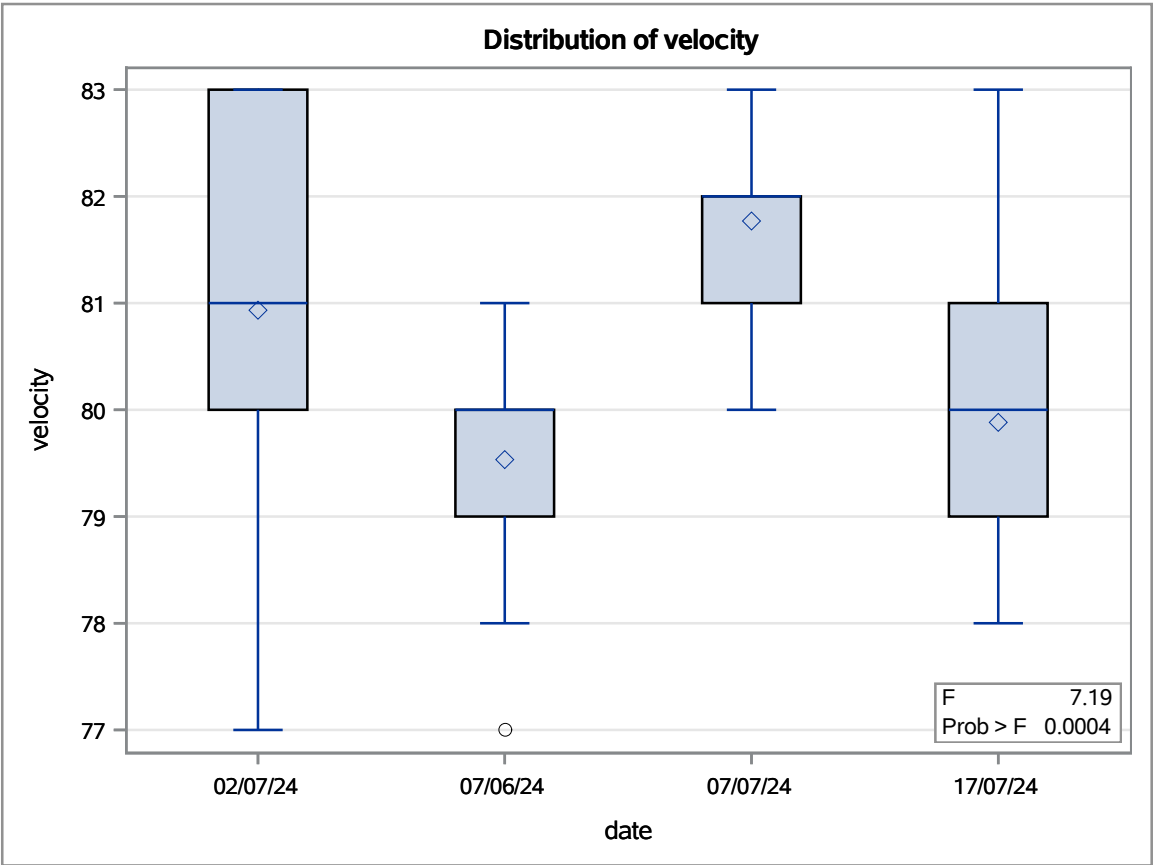
pitchType=CH

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	3	44.1942685	14.7314228	7.19	0.0004
Error	56	114.7390649	2.0489119		
Corrected Total	59	158.9333333			

R-Square	Coeff Var	Root MSE	velocity Mean
0.278068	1.778876	1.431402	80.46667

Source	DF	Type I SS	Mean Square	F Value	Pr > F
date	3	44.19426848	14.73142283	7.19	0.0004

Source	DF	Type III SS	Mean Square	F Value	Pr > F
date	3	44.19426848	14.73142283	7.19	0.0004



Regression Analysis of Velocity by Pitch Type

Data available for home games only

7

Dependent Variable: velocity

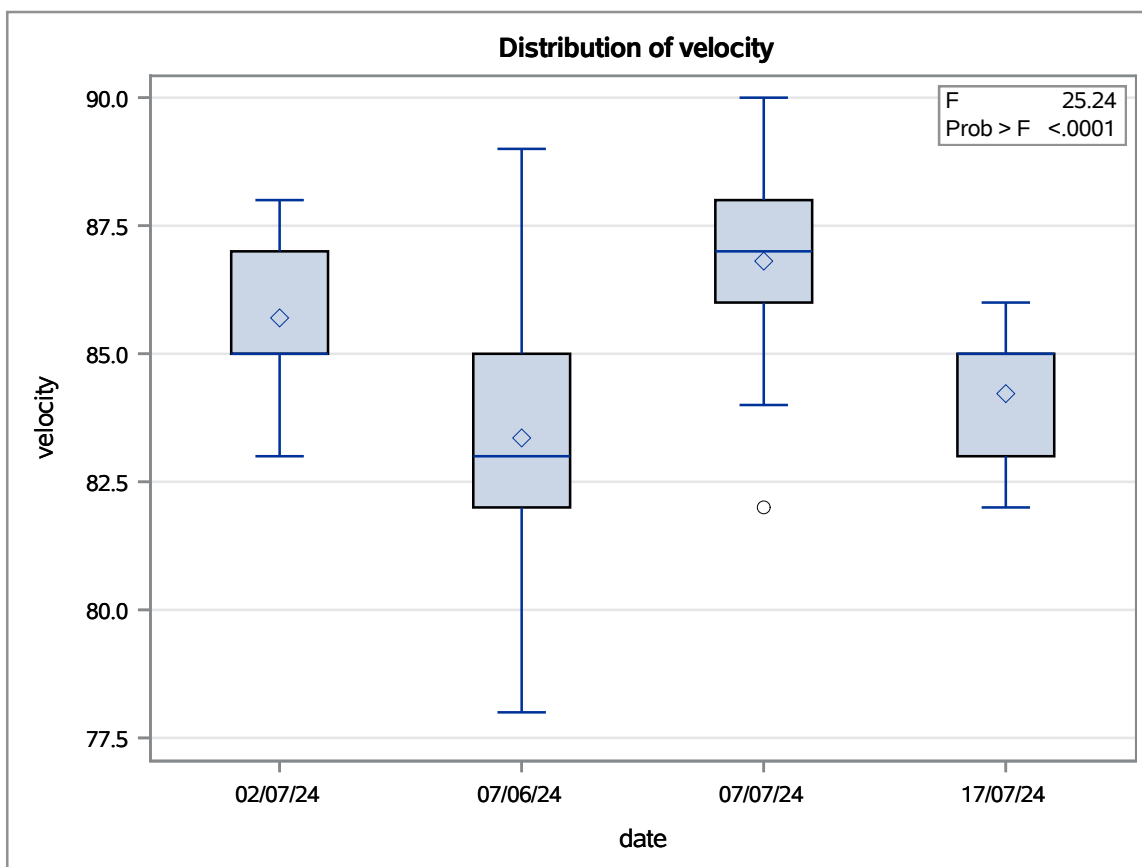
pitchType=FB

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	3	270.0306600	90.0102200	25.24	<.0001
Error	129	460.0746032	3.5664698		
Corrected Total	132	730.1052632			

R-Square	Coeff Var	Root MSE	velocity Mean
0.369852	2.216287	1.888510	85.21053

Source	DF	Type I SS	Mean Square	F Value	Pr > F
date	3	270.0306600	90.0102200	25.24	<.0001

Source	DF	Type III SS	Mean Square	F Value	Pr > F
date	3	270.0306600	90.0102200	25.24	<.0001



Regression Analysis of Velocity by Pitch Type

Data available for home games only

Dependent Variable: velocity

pitchType=SL

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	1	3.00000000	3.00000000	1.00	0.4226
Error	2	6.00000000	3.00000000		
Corrected Total	3	9.00000000			

R-Square	Coeff Var	Root MSE	velocity Mean
0.333333	2.264119	1.732051	76.50000

Source	DF	Type I SS	Mean Square	F Value	Pr > F
date	1	3.00000000	3.00000000	1.00	0.4226

Source	DF	Type III SS	Mean Square	F Value	Pr > F
date	1	3.00000000	3.00000000	1.00	0.4226

