

A photograph of baseball player Gio Urshela in a batting stance. He is wearing a white pinstriped New York Yankees uniform, a black batting helmet, and blue batting gloves. He is holding a wooden baseball bat with both hands, ready to swing. The background is a blurred crowd of spectators in a stadium.

Gio Urshela's Offensive MLB Career in Visualizations

By Randy Leon



Gio Urshela

Positions: Third Baseman and Shortstop

Bats: Right • **Throws:** Right

6-0, 220lb (183cm, 99kg)

Team: [New York Yankees](#) (majors, 10-day IL)

[More bio, uniform, draft, salary info ▼](#)

SUMMARY	WAR	AB	H	HR	BA	R	RBI	SB	OBP	SLG	OPS	OPS+
2019	3.4	384	127	18	.331	66	67	1	.370	.555	.924	142
Career	2.2	850	232	26	.273	112	106	1	.317	.424	.741	95



8/30 The Yankees announced Friday that they've reinstated first baseman Luke Voit from the injured list and placed third baseman Gio Urshela on the 10-day IL due to a left groin injury. Voit, 28, hasn't

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My project was based on the hitting career of up and coming superstar of the New York Yankees' 3rd Baseman, Gio Urshela. I am an avid Yankees/baseball fan, so I was excited at the fact that I could use sports statistics for a data visualization exercise. Urshela is generating lots of buzz in the baseball world, so I wanted to see how his hitting data looked.

+ Player Injury (Groin): Urshela is on the 10-day injured list due to left groin tightness. It is unknown if he will return Sept. 8 versus the Red Sox. (Updated Se

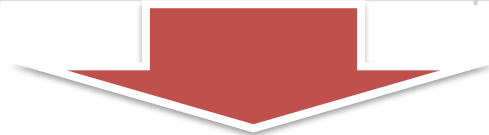
Standard Batting [Show Minors](#) [Games by Position](#) [Share & more ▼](#) [Glossary](#)

Year	Age	Tm	Lg	G	PA	AB	R	H	2B	3B	HR	RBI	SB	CS	BB	SO	BA	OBP	SLG	OPS	OPS+	TB	GDP	HBP	SH	SF	IBB	Pos	Awards
2015	23	CLE	AL	81	288	267	25	60	8	1	6	21	0	1	18	58	.225	.279	.330	.608	63	88	9	2	1	0	0	5	
2017	25	CLE	AL	67	165	156	14	35	7	0	1	15	0	0	8	22	.224	.262	.288	.551	44	45	6	0	1	0	0	5/463	
2018	26	TOR	AL	19	46	43	7	10	1	0	1	3	0	0	2	10	.233	.283	.326	.608	68	14	1	1	0	0	0	5/6D	
2019	27	NYY	AL	114	414	384	66	127	32	0	18	67	1	1	22	72	.331	.370	.555	.924	142	213	12	4	0	4	0	*5/D37	
4 Yrs				281	913	850	112	232	48	1	26	106	1	2	50	162	.273	.317	.424	.741	95	360	28	7	2	4	0		
162 Game Avg.				162	526	490	65	134	28	1	15	61	1	1	29	93	.273	.317	.424	.741	95	208	16	4	1	2	0		
CLE (2 yrs)				148	453	423	39	95	15	1	7	36	0	1	26	80	.225	.273	.314	.587	56	133	15	2	2	0	0		
NYY (1 yr)				114	414	384	66	127	32	0	18	67	1	1	22	72	.331	.370	.555	.924	142	213	12	4	0	4	0		
TOR (1 yr)				19	46	43	7	10	1	0	1	3	0	0	2	10	.233	.283	.326	.608	68	14	1	1	0	0	0		

I referenced [baseballreference.com](#), a well-known “stat-head’s” site for all things baseball. There I was able to pull all of Urshela’s numbers. For the purpose of this project, I will only be referencing Urshela’s performance at the plate in five different hitting categories: RBIs (runs batted in), hits, doubles, triples, and home runs.

Please note two things: A) Urshela has no data in 2016 – he was a free agent for that year. B) He played for three different teams, the Cleveland Indians, the Toronto Blue Jays, and the New York Yankees, which is still plays for today.

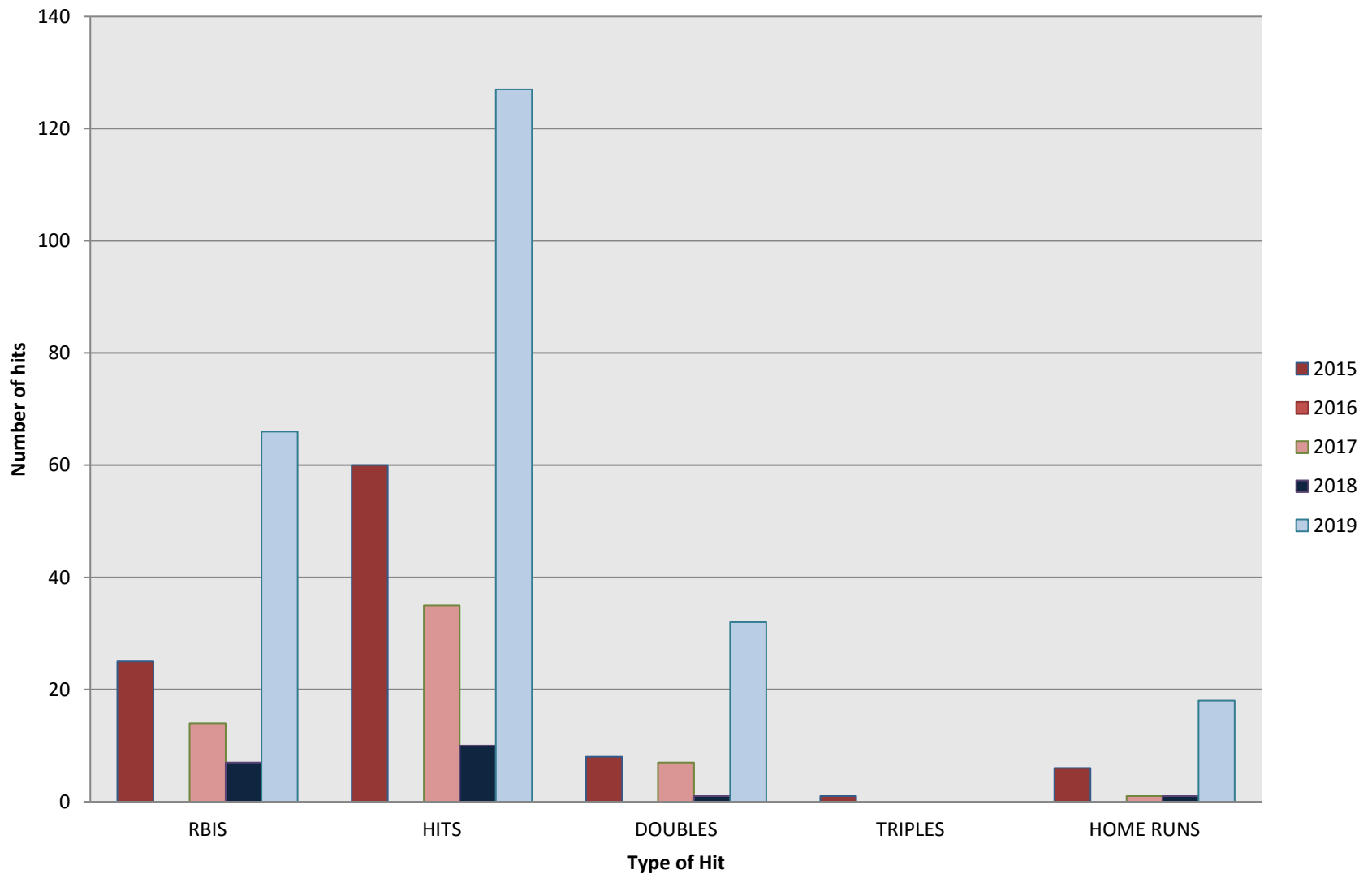
	RBIS	HITS	DOUBLES	TRIPLES	HOME RUNS
2015	25	60	8	1	6
2016					
2017	14	35	7	0	1
2018	7	10	1	0	1
2019	66	127	32	0	18



	Column Labels ▼					
Values	2015	2016	2017	2018	2019	Grand Total
Sum of TRIPLES	1		0	0	0	1
Sum of RBIS	25		14	7	66	112
Sum of DOUBLES	8		7	1	32	48
Sum of HOME RUNS	6		1	1	18	26
Sum of HITS	60		35	10	127	232

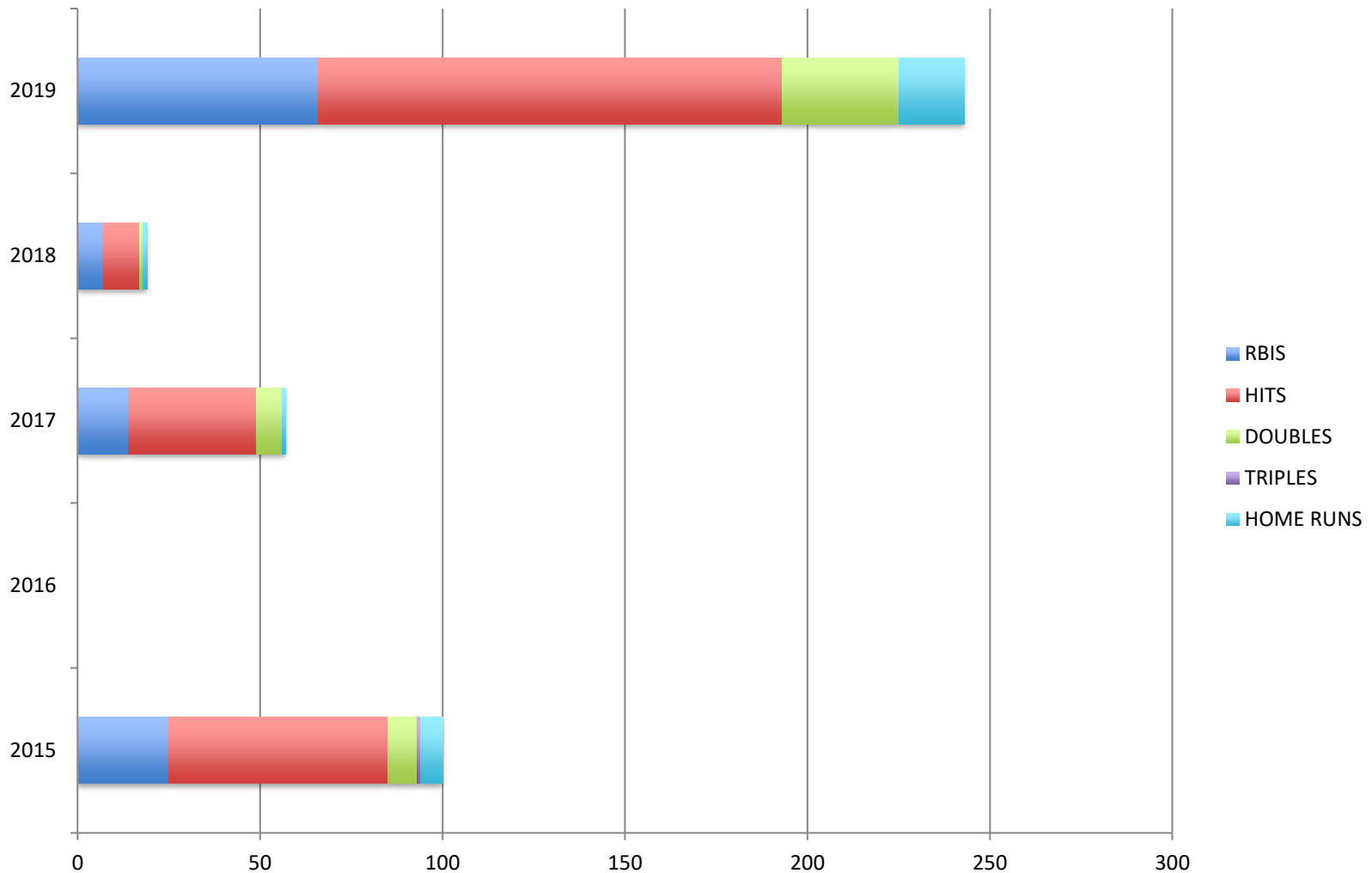
I cut only the data I needed from the various stats available to me – down to the five I mentioned. I was able to make a pivot table swapping what were columns to rows and vice versa. One interesting point to note that at first glance, this has been Urshela's best year by far.

Gio Urshela's Offensive MLB Career



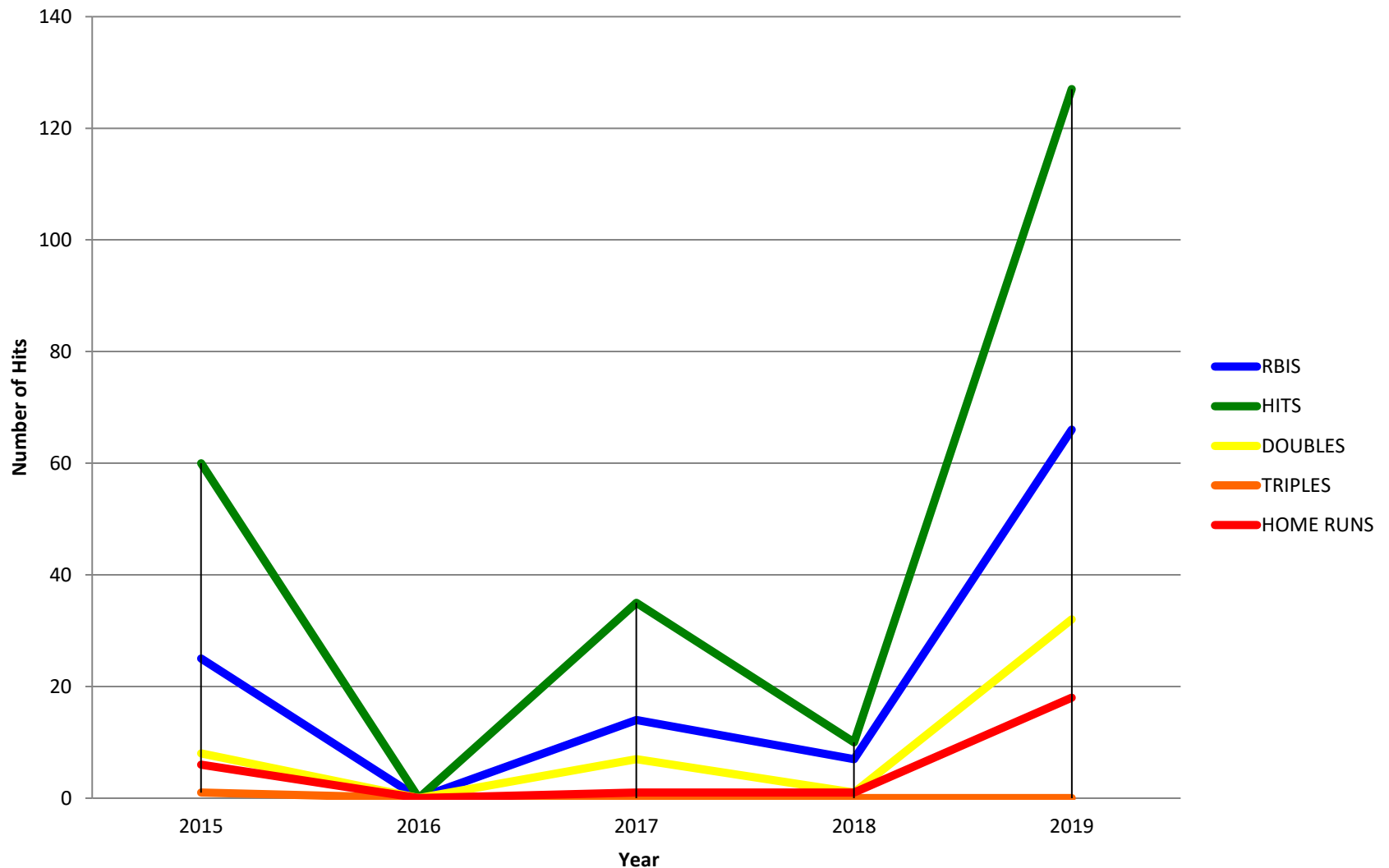
In this bar graph, I made the years Urshela was with the Cleveland Indians in red, and the years he was with the Blue Jays/Yankees in blue.

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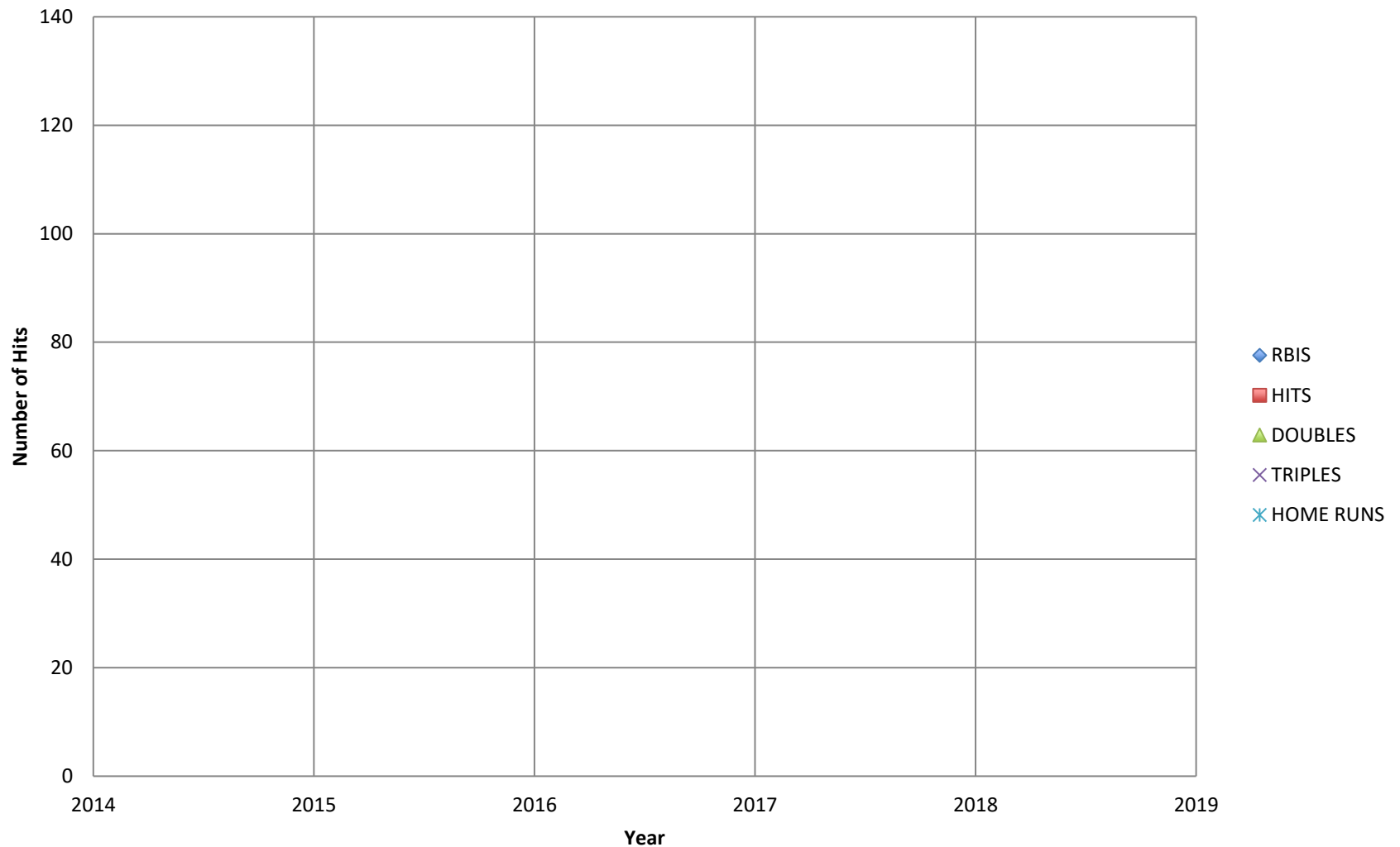
This graph is my favorite for those who aren't baseball fans. You would yield similar "spreads" of these stats with most baseball players in MLB. Hits are easy to obtain, and include singles, doubles, triples, and homeruns. This explains the clear dominance of red in this graph. A single bar represents Urshela's combined performance in all 5 categories.

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Colors were hard to choose for this visualization, so I decided to use a cool-to-warm-to-hot scheme. Home runs are obviously the best result a batter can get, so I made them red hot, triples would be next, so I chose orange, and so on and so forth. Again, all of the lines, (except triples) go up in the year 2019 drastically.

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This is my least favorite visualization of all. For such a small amount of data, a scatterplot looks awkward, and almost as if they're we pre-plotted points for a line graph.