

Aggressive → To super aggressive soccer! The key to evolution held by the defender

Motivation / purpose of research

In 2018, Nagoya Grampus was promoted to J1 with overwhelming offensive power. Even in J1, the one that unfortunately demonstrated its offensive power, the ranking was sluggish due to many goals. Through an analysis of the causes of the defeat of the 2018 Nagoya Grampus, who struggled for "super-aggressive" soccer in the J2 era and above, we will consider the factors for the realization of "super-aggressive" soccer.

Research Method

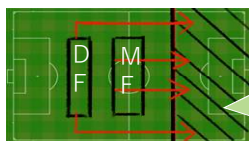
2018 J1 team data and J1 player data analysis of the top 3 teams of 2018 J1 and Nagoya Grampus, we clarify the high attack power of Nagoya G and search for the cause of the slump.

On the attack side, the following 4 items

- Team total score
- As an index to evaluate the quality of shots "Shoot block rate"
- "Number of fouls" as an index of breakthrough power
- As an index of organizational strength, "score after change"
- "Playing in the Attacking Third of the Defender (DF)"

On the defensive side, we mainly analyze the number of shots taken and the last pass.

* From Fig. 3, the defender's attacking third play is used as an index to create a numerical advantage that is main point in the attack.



The red arrow is the attack direction, and the black shaded area is the attacking third area

Fig. 1 Movement of DF and MF

Table1 2018 J1 ranking and abbreviation

Team name "2018 J1 ranking"	Abbreviated name
Kawasaki Frontale "1st"	Kawasaki F
Sanfrecce Hiroshima "2nd"	S Hiroshima
Kashima Antlers "3rd"	Kashima A
Nagoya Grampus "15th"	Nagoya G

Research Result

In 2017 "J2"

The main results of Nagoya G in 2017 are as follows.

- Total score 85 points "1st place in the league" "Fig. 2"
- Number of fouls received 452 "1st place"
- Conceded "16th place"

2017 J2 Total score distribution for each team

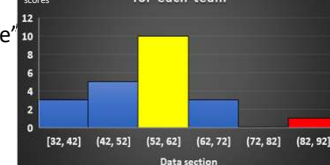


Fig. 2 2017 J2 team total score

Table 2 2017 J2 Nagoya GDF Attacking Third Play time "minutes" at

	Longest	Nagoya G	Av
Attacking third	1796	478 "20th out of 22 teams"	1072.3
Defensive third	4515	1970 "20th out of 22 teams"	3229.2

From Fig. 2, the overwhelming scoring ability can be seen. However, there were many goals and he was promoted to J1 in a qualification match. From Table 2, Nagoya G has less playtime in attacking third and defensive third. It is thought that this is because it was an aggressive formation with 3 DFs in about half of the games.

Table 3 Number of points

	scores				Av
	Kawasaki F	Nagoya G	Kashima A	S Hiroshima	
	57	52	50	47	45

Attack

In 2018 "J1"

Defense

○ It has a scoring ability comparable to the 1st place from Table 3.

○ From Table 4, the most lost of all teams. Doing points

Table 4 Conceded points

Lost scores				
Kawasaki F	S Hiroshima	Kashima A	Av	Nagoya G
27	35	39	45	59

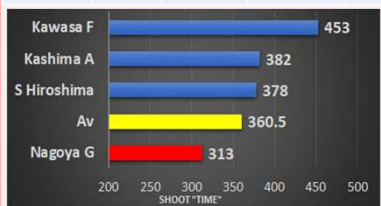


Fig. 3 Number of shots



Fig. 4 Number of being fouled

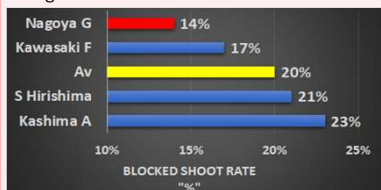


Fig. 5 Blocked shots rate



Fig. 6 scores and speed from the change of own team



Fig. 7 Number of shots

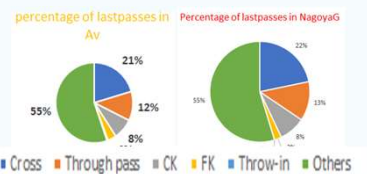


Fig. 8 Percentage of last pass

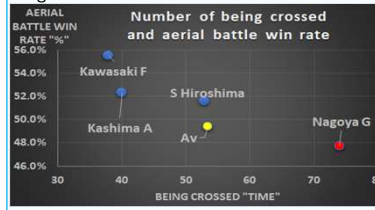


Figure 9 Number of crosses and aerial battle victory rate

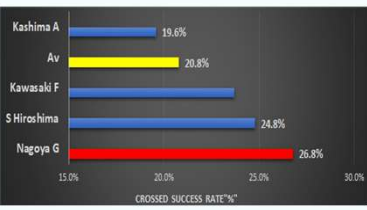


Fig. 10 crossed rate

○ From Figures 3 and 5, Nagoya G has fewer shots than the top and average. It can be seen that a highly accurate shot is being shot.

○ From Fig. 4, Nagoya G has received many fouls, and the opponent team has crashed. It can be seen that they are wary of breaking. In soccer, kill the chance of attack. For this reason, there are many cases where the play is done at the last minute. It seems that this causes the decrease of number of shots.

○ Figure 6 compares the cases that scored within 15 minutes after the change. Nagoya G often scored within 15 minutes after the generation, and even after the change early. You can see the high scoring power of the bench members.

○ From Fig. 7, Nagoya G was hit by more shots than other teams. You can see that there is. In addition, from FIGS. 8, 9 and 10, the last pass of J1 as a whole. There are many cross passes in J1, but in Nagoya G, the competition in the aerial battle is weak, It can be seen that it is inviting a pinch.

DF's Active In Attacking Third

Table 5 2018 J1 DF playtime by area

	1st	2nd	3rd	4th	5th	
Attacking third	Kawasaki F	Urawa R	Nagoya G	Kashima A	V Sendal	S Hiroshima (7th)
Playtime "m"	1742	1592	1349	1268	1245	1092.3
In the enemy's penalty area	Syonan B	Urawa R	Kashima A	V Sendal	Kawasaki F	Nagoya G (6th)
Playtime "m"	172	159	155	151	148	111.2
Defensive third	Nagoya G	Kashiwa L	Urawa R	G Osaka	Kashima A	S Hiroshima (10th)
Playtime "m"	3637	3548	3419	3248	3024	2772.6

Table 5 shows the play times of DF's Attacking Third and Defensive Third. I would like to pay attention to the following points.

○ The DF of Nagoya G attacks as deeply as the top three teams and actively participates in the attack. "Even if you check the accuracy of the pass, the quality of the attack is high enough to be in the top 3"

○ Long play time in defensive third ○ The top three teams had a formation of four defensive players in almost all games, but Nagoya Grampus had a formation of three defensive players in 25% of the games. Despite the small number of players, there is a lot of time to play in the defensive third, so it is possible that the DF is heavily burdened

Future Outlook

In the 2020 J1 League So, Nagoya G had the 3rd place. I analyzed whether Nagoya G analyzed J1 with weak points as it is.

Acknowledgements

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Consideration

○ DF is actively participating in the attack and is playing offensive soccer while taking a numerical advantage, but the time zone for being attacked is long and the DF is heavily burdened.

○ In order to maintain aggressive soccer and lead to victory, strengthening DF to prevent goals is the highest priority.

○ In order to reduce the burden on the defender, tactics that do not allow you to be attacked by your own team are desired.

○ In order to fight with a limited number of DF members, it is important to devise counter measures while attacking.