

# Analysis of Men's Power Patterns in China University Basketball League (CUBAL)

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## Abstract

Chinese University Basketball Association (CUBAL) is an intercollegiate basketball league organized by China University Sports Association. Its purpose is "to develop college basketball and cultivate basketball talents", and the high level teams of CUBAL are also popular among basketball fans. The object of this paper is to analyze the results of the 24th CUBAL Men's Basketball Tournament in the national tournament, supplemented by the results of the previous men's basketball tournaments in the national tournament, and to analyze the impact of good and bad results of the Men's College Basketball League in the national tournament through the method of literature and chart analysis, respectively from the analysis of men's basketball teams in colleges and universities, from the aspects of team performance, whether the school is a first-class university, athletes' training, attractiveness of the school, and the coaching experience of the coaches, and so on. Region's performance is good or bad, and the main conclusions are as follows: (1) the unbalanced development of the team performance of the Chinese College Men's Basketball League; (2) through the results of recent years, it is found that almost all of the schools in the top eight of the National Region are the first-class universities in the country; (3) the uneven policies, patterns and enrollment quality of colleges and universities is an important factor influencing the team's performance; (4) most of the coaches in the CUBAL are on-the-job physical education teachers or young coaches, lack of professionalism, and poor ability of on-field command. Suggestions: (1) learn from the example of Chongqing College of Arts and Sciences, its training methods, coaches, enrollment and other policies; (2) communicate with the school to establish a good enrollment system; (3) improve the treatment of coaches to attract good coaches, and the current coaches have to keep learning and updating their own basketball concepts; (4) increase the investment in funding, which is a guarantee for training.

## Keywords

China College Basketball League, College Sports Development, Top Eight, High-level Athletes.

## 1. Introduction

### 1.1. Basis of topic selection

China University Basketball League (CUBAL), after 25 years of development, is the first college special sports league in the history of Chinese sports which is oriented to the national colleges and universities and the society, aiming at cultivating high-quality and high-level basketball talents, and adopting the mode of socialized and industrialized operation. CUBAL initially used the National Collegiate Athletic Association (NCAA) as a template. "CUBAL was initially modeled on NCAA, which is a national college sports association, and adheres to the principle of "developing college sports and cultivating college talents", with the aim of creating a higher level of competitive platform for more sportsmen and cultivating more excellent college

athletes. This paper mainly analyzes the strength pattern of Chinese college men's basketball league, gets the research results through before and after comparison, and summarizes the subsequent impact of the league on this basis.

The "New Sports-Education Integration" proposed in 2020 aims to emphasize the combination of education and sports, which is an organic integration of strengthening school sports work, promoting quality education and facilitating youth training in the context of the new era. Throughout history, the Chinese College Basketball League was too homogeneous at the beginning. After that, under the continuous exploration and efforts of all parties in the country, the league has been improved and the game system has been optimized, and President Yao has also put forward the call to get closer to the CBA league. Therefore, under such a general environment, many excellent college basketball players have gone to the professional arena and got more development opportunities, making great contributions to the country's cultivation and creation of high-quality laborers and excellent sports reserve talents.

## **1.2. Purpose and significance of the study**

### **1.2.1. Purpose of the study**

The rapid development of basketball, the game is becoming more and more specialized, the school is also paying more and more attention to the development of sports, the data has also become an important data for evaluating the team of the school, through the data to get the recognition of the outside world. This paper analyzes the Chinese University Men's Basketball League, and analyzes the strength pattern of CUBAL, the CUBAL league is very perfect at present, and its exposure through the media has increased a lot, but in recent years, CUBAL has shown a lopsided trend, the stronger the stronger and vice versa. This paper analyzes the results of the top 8 of the CUBAL national tournament in recent years, "a super strong", and gives suggestions from an objective point of view, so that ordinary schools have more opportunities to play better. The continuous reform and innovation of China University Basketball League makes the league perfect, so that more people understand CUBAL. through the study of college platforms, training methods and methods, the student source situation, home and away factors, etc. to analyze, for the development of China University Basketball League to provide feasible methods and suggestions, so as to further promote the development of college basketball.

### **1.2.2. Research significance**

#### **(1) Theoretical significance**

China College Basketball League, since the official implementation in 1998, to today there have been more than 20 years participating teams from more than one hundred teams in that year to more than one thousand two hundred teams now, the game system has also undergone great changes, from the grass-roots tournament, divisional tournaments, national tournaments, the round of 16, the top four, etc., the game system has also been constantly improved, which has prompted the development of college basketball, and at the same time, also promotes the development of sports in colleges and universities, and improves the campus sports culture. This paper studies the problem of college basketball power pattern and proposes a solution to the problem. By investigating the results of the top 8 teams in the 24th College Men's Basketball League, we can generally understand how the power pattern of the current college men's basketball league is distributed and encourage everyone to participate in basketball. The theoretical significance of this paper is to provide material for the study of Chinese college men's basketball league and to help the research in this field.

#### **(2) Practical significance**

Through data analysis, it is found that in recent years, many colleges and universities have adopted the combination of sports and education not only in the field of education is very outstanding but also in the field of sports, such as Tsinghua University, Peking University and

other colleges and universities, to now nearly seven years of the national champion are all wrapped up by Tsinghua and Peking University, and a very small number of second-class colleges and universities to enter into the national eight, which reveals that the existence of the CUBAL is not a balanced development, and the same time, using the Literature method, video observation method, data statistics method to comprehensively understand and analyze the top eight of the men's league in the national tournament. The practical significance of this paper is to investigate and analyze the gaps in the strength pattern of the Chinese college men's basketball league to find out the existing problems, give suggestions and conclusions to further improve the mechanism of the Chinese college basketball league, and help Chinese basketball.

## 2. Research results and analysis

### 2.1. Analysis of the top 8 results of college men's basketball national tournament

According to the data analysis in Table 2.1, the results of the 24th Chinese College Men's Basketball League can be clearly seen, and there is an imbalance in the ranking of schools. The 24th National College Men's Basketball League champions and rankings, Tsinghua University still got the championship, completing their third consecutive championship, for them also created history. Guangdong University of Technology also made history in this year's tournament, with their best-ever national runner-up finish, losing to Tsinghua University by 3 points in the final. In addition, Peking University was blown out of the top 4 by Xijiaotong University. No one expected that Peking University, which was sitting on 3 consecutive championships, would be swept out of the tournament this year, which was the biggest one.

Table 2.1 Summary of Results from the 24th CUBAL Final 8

Ranking	School	High School Ranking (QS)
Champion	Tsinghua University	1
Runner-up	Guangdong University of Technology	125
Third place	Xi'an Jiaotong University	12
Fourth place	Ningbo University	66
Fifth place	Peking University	2
Sixth place	Zhejiang University	4
Seventh place	Taiyuan University of Technology	71
Eighth place	Chongqing College of Arts and Sciences	281

In summary unbalanced development is not uncommon in many competitive sports, such as the NBA, Euroleague, China League, CBA and other leagues have unbalanced development. There are many schools perennially hovering between the division championship and the league championship, like Tsinghua University and Peking University in these years. Through the data analysis in Table 4, it is found that in the 24th CUBAL Men's League National Top 8 Competition, there are 4 teams are 985, 2 teams are double first-class, and there are also first-class institutions as well as second-class institutions. It can be seen that it is a very uneven development, and the ranking of colleges and universities is very inconsistent with the results, which is polarized.

Difference in student population. In the field of competitive sports talent is the first element, and then good coaches without good athletes is very difficult to achieve results, the source of

talent channels are very different. Some teams have athletes from high-level athletes, mainly from 985 colleges and universities, these athletes receive training since childhood, participate in municipal, provincial and national level competitions, have a wealth of practical experience, high level of competition. While some other is through the college entrance examination sports specialty into the university, this type of students compared to high-level athletes is slightly less, and these colleges and universities itself is not high comprehensive strength, so it can not attract those high-level athletes.

Coaches' differences. Coaches are careful in the selection of materials, is the planner of daily training, is the conductor of the game, is the core of the whole team. The win or loss of the game depends largely on the coaches, especially when the gap between the two sides is not big, this time it can reflect the level of the coaches. There are thousands of coaches in CUBAL college league in China, but like Tsinghua University head coach Chen Lei, such is few and far between, Chen Lei has spent 17 years in the CBA professional league is a very good player is also the old captain of Beijing Shougang team, Chen Lei often said: "Losing is the responsibility of the coach, you let go of the court to play on the good", like this from the professional league, the team will be able to win or lose. Chen Lei often says: "Losing is the coach's responsibility, just let go on the court and play well", like this retired from the professional league and then go to the university to teach is really too little. Many of them are college basketball team head coaches who are also physical education teachers, and these head coaches not only have to lead the team in training and games but also have to take their own courses, so their professionalism may be a little bit worse.

## 2.2. Analyzing the power pattern analysis of college men's basketball league

Through the analysis of the data in Table 2.2, it is found that there are some regulars on the championship list, and there are even many years of consecutive championships, the most obvious ones are Overseas Chinese University, Peking University and Tsinghua University. The 7th-10th Overseas Chinese University took the CUBAL championship for 4 consecutive years, the 19th-21st Peking University took the CUBAL championship for 3 consecutive years, and the 22nd-24th Tsinghua University took the CUBAL championship for 3 consecutive years. Then why there are so many "consecutive championships" of CUBAL championship and CUBAL division championship, such as Peking University and Tsinghua University, because they are famous schools, and in the domestic environment, the attraction of them for coaches is certainly very high, and then the attraction of them for players is also high.

Table 2.2 CUBAL Successive Champions

Number of Sessions	Champion - Men's Basketball	Year
1	University of Electronic Science and Technology, Northwestern University	1998
2	Huaqiao University	1999
3	Northeast Normal University	2000
4	Shandong University of Science and Technology	2001
5	Huaqiao University	2002
6	Huazhong University of Science and Technology	2003
7	Huaqiao University	2004
8	Overseas Chinese University	2005

Number of Sessions	Champion - Men's Basketball	Year
9	Overseas Chinese University	2006
10	Overseas Chinese University	2007
11	China University of Mining and Technology	2008
12	Taiyuan University of Technology	2009
13	Huaqiao University	2010
14	Taiyuan University of Technology	2011
15	Huaqiao University	2012
16	Peking University	2013
17	Huaqiao University	2014
18	Tsinghua University	2015
19	Peking University	2016
20	Peking University	2017
21	Peking University	2018
22	Tsinghua University	2019
23	Tsinghua University	2020
24	Tsinghua University	2021

After more than 20 years of development of CUBAL, the system has been improved, and these champion teams are always the champion of the division, CUBAL permanent 4 divisions: Northeast, Southeast, Northwest, and Southwest. Like Taiyuan University of Technology, the perennial Northwest Champion has won 17 divisional championships. Overseas Chinese University, commonly known as the "Southeast King", has won the Southeast Region for 11 consecutive years. There is also the new king of the Northeast Region, Peking University, which has won four consecutive sectional titles. The Southwest Region for the past seven years, the division championship is wrapped up by the South China University Although there will be a famous school complex, but from this year's list of the top eight in the country, there are still Guangdong University of Technology, Chongqing College of Arts and Sciences, these are not 985, 211 colleges and universities. And many famous schools still did not play, indicating that for these high-level athletes, in a good environment (with excellent basketball training system) to rise the ball, playing into the professional league is their goal, with a famous school degree to find a job is actually a secondary option.

Table 2.3 CUBAL Previous Division Champions

	Northwest King	Northeast King	Southwest King	Southeast King
Second	Taiyuan University of Technology	Northeast Normal University	Wuhan Institute of Technology	Zhejiang University
The Third	Taiyuan University of Technology	Northeast Normal University	Guangxi University	Zhejiang University
The Fourth	Taiyuan University of Technology	Shandong University of Science and Technology	Electronic Science and Technology University	Huaqiao University

	Northwest King	Northeast King	Southwest King	Southeast King
The Fifth	Taiyuan University of Technology	Hebei Engineering	Wuhan Institute of Technology	Huaqiao University
The Sixth	Taiyuan Institute of Technology	Shandong University of Science and Technology	Huazhong University of Science and Technology	Huaqiao University
The 7th	Taiyuan University of Technology	Shandong University of Science and Technology	Wuhan Institute of Technology	Huaqiao University
The 8th	Taiyuan University of Technology	Civil Aviation of China	Wuhan Institute of Technology	Huaqiao University
The 9th	Taiyuan Institute of Technology	Shandong University of Science and Technology	Wuhan Institute of Technology	Huaqiao University
The 10th	Taiyuan University of Technology	Shandong University of Science and Technology	Hunan Normal University	Huaqiao University
The 11th	Northwestern Polytechnic University	Harbin Engineering University	Hunan Normal University	Huaqiao University
The 12th	Taiyuan University of Technology	Tsinghua University	Wuhan Institute of Technology	Huaqiao University
The 13th	Taiyuan Institute of Technology	Tsinghua University	Wuhan Institute of Technology	Huaqiao University
The 14th	Taiyuan Institute of Technology	Civil Aviation of China	Wuhan Institute of Technology	Huaqiao University
The 15th	Taiyuan Institute of Technology	Peking University	Wuhan Institute of Technology	Ningbo University
The 16th	Taiyuan Institute of Technology	Beijing University	Central South University	Huaqiao University
Seventeenth	Taiyuan University of Technology	Civil Aviation of China	Central South University	Huaqiao University
The 18th	Shanxi University	Peking University	Central South University	Guangdong University of Technology

	Northwest King	Northeast King	Southwest King	Southeast King
The 19th	Shanxi University	Peking University	Central South University	Guangdong University of Technology
The 20th	Taiyuan University of Technology	Peking University	Central South University	Xiamen University
Twenty-first	Taiyuan University of Technology	Peking University	Zhongnan University	Xiamen University
Twenty-second	Epidemic not held	Epidemic not held	Epidemic not held	Epidemic not held

Differences in school strength. In all the participating teams, there is a big gap between the strength of each participating team's school, first-class colleges and universities from 985 colleges and universities or 211 colleges and universities or double first-class colleges and universities, while some of them come from provincial universities or municipal universities with a more general visibility. In addition, like 985.211 such colleges and universities itself comprehensive strength is stronger, can be very good to attract students, and the school will also give protection, there are more funds to invest in training, naturally the results will be better and better. The school's popularity to go back to attract high-quality students, excellent athletes and excellent athletes and then training together to play the game, will only get better and better, the formation of a virtuous cycle. But those who are not very high visibility of the school, in this regard appears to be insufficient, can only be through a good policy to attract quality students, like many of the second-class institutions on the quality of students compared to 985.211. a class of colleges and universities will have a gap. Because of this, the comprehensive strength of the school gap for college basketball competitive pattern has a great impact.

Table 2.4 Ranking and hierarchy of schools

School Ranking	Type	Hierarchy of Colleges
Tsinghua University	Comprehensive University	985, 211, Double First Class
Peking University	Comprehensive University	985, 211, double first-class
Zhejiang University	Comprehensive University	985, 211, double first-class
Xi'an Jiaotong University	Comprehensive University	985, 211, double first-class
Ningbo University	Comprehensive University	Double First Class
Taiyuan University of Technology	University of Science and Technology	Double First Class, 211
Guangdong University of Technology	Polytechnic University	First Class Colleges and Universities
Chongqing College of Arts and Sciences	Comprehensive Universities	Type II Institutions

### 2.3. Case Analysis of College Men's Basketball League

#### 2.3.1. Analysis of the reasons for the outstanding performance of Tsinghua University basketball team

Because it is a famous school, in the domestic environment, no matter whether it is money or all aspects of the attraction of coaches is very high, followed by the attraction of athletes is also high. From the 24th CUBAL top eight list can be seen there are still Guangdong University of Technology, Chongqing College of Arts and Sciences, these non-985/211 institutions. There are

still a lot of famous schools not playing out, indicating that in a good environment and have excellent basketball training system to rise the ball, playing into the professional league is their main goal, followed by getting a degree from a famous school to find a job. Tsinghua University basketball team coaches from the CBA Beijing team captain has a strong professionalism, has more than ten years of experience in the professional league, so like Tsinghua such a prestigious school certainly selected good players, but does not mean that all the other schools can not select a good. In competitive sports, a single school is certainly not as good as a group of schools.

### **2.3.2. Analysis of Chongqing Arts and Science College Basketball Team Achievements**

From 2017 to 2021, Chongqing Arts and Science College realized five consecutive championships in Chongqing, and twice ranked among the top 32 teams in the country, one of which made it to the top 24 teams in the country. 2022 CUBAL South Round of 16 and Round of 8, Chongqing Arts and Science College Men's Basketball Team consecutively won the East China Jiaotong University and the former "Nine Crown Champions", surprisingly. Overseas Chinese University, surprisingly, the eighth place Chongqing College of Arts and Sciences, as a second-class institutions can enter the national top eight, which in the national basketball circle caused quite a stir.

This is also the only second-tier college team in the Final 8 to start its first trip to the national Final 8 at home. The College of Arts and Sciences lost to their rivals in the previous games for various reasons, and in the battle for the 7th and 8th place, Taiyuan Technology scored a 10-1 run towards the end of the first half, but Chongqing Wenli Men's Basketball team was able to rebound on defense in the 3rd quarter. However, due to consecutive games and fewer people playing, the team had the problem of physical decline at the end of the quarter in these games, and the opponents seized the opportunity to take away the victory.

### **2.3.3. Factors affecting the team's performance**

#### **Enrollment**

The enrollment of Tsinghua University Men's Basketball Team is high level athletes, single recruitment and guaranteed transfer. The reason why high level athletes are not the so-called "special recruitment", not guaranteed admission because the high level athletes test also have to participate in the college entrance examination, and must reach a certain score line before they are eligible to be admitted. There is also a single enrollment is to hold a national level athletic certificate, sports special test in the enrollment quota range, to participate in the national single enrollment unified examination cultural courses to reach the national minimum score line. The last way, outstanding athletes guaranteed students, this is our country for outstanding athletes a guarantee, can be exempted from the test (no written examination) to the university, to have a national sportsman or international sportsman certificate. These two certificates need to be obtained by participating in the National Games or representing the national team to participate in international competitions, the threshold is very high, and can be sent to the university of the outstanding basketball players, the vast majority of them have been registered in the Chinese Basketball Association, can not play the CUBAL, so this kind of player in the CUBAL is very rare, one hand can count over. Tsinghua University is attentive enough in enrollment and makes good use of every slot, which is exactly how it ensures the construction of the echelon, as well as the replacement of the old and the new.

Chongqing College of Arts and Sciences is just a second-born institution, in the competition for students compared with some double first-class universities does not occupy an advantage, the coaches had personally traveled to the provinces to find potential students. 2016, the high-level sports team basketball program enrollment policy changes, each school's annual enrollment quota is reduced to five, because they can't find enough suitable players, the school's five slots almost every year with the dissatisfaction, the head coach then The head coach then selects

outstanding players from the general school students to add to the team, and some of them become the team's main force.

#### Coaches

Chen Lei, the head coach of Tsinghua University Men's Basketball Team, has been in the CBA professional league for more than 10 years, won the CBA championship, and was the captain of the CBA Beijing team, Chen Lei came to Tsinghua University after finishing his career for more than 10 years. Chen Lei believes that the union of college basketball and professional basketball is a big trend: "President Yao is currently putting a lot of effort in this area, that is, he wants more children to see that they can also enter the CBA through the CUBAL, giving them more upward channels." Therefore, after Chen Lei took over the Tsinghua men's basketball team, he almost moved the CBA training system to these kids, and through high-intensity training, the players break through their comfort zone to reach higher areas.

Luo Xiaojun, head coach of the men's basketball team of Chongqing Arts and Science College, first relied on learning and reading books to study, and then slowly accumulated coaching experience and participated in training courses to improve his knowledge of basketball step by step. In 2016, he gained the qualification to participate in the National School Sports Coaches Study Abroad Program in the U.S., and went to the U.S. to study for a period of time. During his 26 years of coaching career, head coach Luo Xiaojun gradually developed a management style that is strict in governing and emphasizes team and psychological construction.

### 3. Conclusions and Recommendations

#### 3.1. Conclusion

1. Through the achievements in recent years, it is found that the development of CUBAL shows unbalanced development, and the overall strength of CUBAL varies greatly.
2. Through data analysis, it is found that in recent years, most of the CUBAL national tournaments are the first-class schools in China, and the reason is because the overall comprehensive strength of the school is stronger, the popularity is higher, and the coaching level of the coaches is high.
3. research and analysis found that the team with good results will get better and better (virtuous cycle), the reason is because of the school's enrollment policy is good, training methods and methods of science, the school platform is attractive.
4. The importance of coaches, many young coaches lack of experience, the effect of clinical command is not good, to watch more games, learn to read the game, more to the experienced old coaches to learn. What's more, they have to keep learning and updating their own basketball concepts.
5. Chongqing College of Arts and Sciences as a second-class institutions also entered the national top 8, Arts and Sciences training efficiency is very high, the head coach has also traveled to the United States to learn advanced basketball concepts, as well as to invite foreign coaches to come to the school to guide the training, which are important factors to improve the team's performance.

#### 3.2. Recommendations

##### 3.2.1. Ways to change the CUBAL pattern

According to the achievements of Chongqing College of Arts and Sciences team, for ordinary colleges and universities to improve the team's performance to start from the training, coaching factors, practical changes in training methods to break the traditional training thinking, coaches should look to the new era of basketball development.

### 3.2.2. Improve the salary of coaches

The qualification and experience of coaches play a decisive role in their salary level. Coaches with advanced qualifications and rich teaching experience usually receive higher salaries. Utilize policies to attract these excellent coaches.

### 3.2.3. Treatment of College Enrollment Selection

Communicate with the schools to solve the problems of delayed courses and exams of the players' training and going out for competitions. Provide players with training subsidies and competition bonus system. For the excellent players to provide guaranteed places in graduate school. Find out the advantages of your school and utilize your advantages to attract quality students.

### 3.2.4. Increase the investment of funds

Increase the indoor training ground, update the basketball baskets and racks and other facilities and equipment; install air-conditioning to ensure warmth in winter and coolness in summer to provide a good training environment for the players; build a strength room belonging to the basketball team and buy new strength training equipment.

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