

# THE GAME MODEL OF PLAYERS POSITIONS POINT GUARD (POSITION 1), SHOOTING GUARD OR SMALL FORWARD (POSITIONS 2 AND 3) IN THE COMPETITIVE YEAR 2018 - 2019 OF THE ROMANIAN NATIONAL WOMEN'S BASKETBALL LEAGUE

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**Abstract:** *In this paper, we will make a fact-finding study on the game model of peripheral players in the 2018- 2019 competition year, a more objective analysis of the performance of the players and the team.*

*The main task of the study was to study the parameters of the game model of the players who work in the positions of point guard (position 1), shooting guard or small forward (position 2 and 3) and to detach their characteristic elements. If the values of the parameters of the game model recorded for the basketball players by positions are known, objective assessments can be made on their value and evolution. There is a poor training of peripheral players in terms of the accuracy of the basket throws but also a large number of lost balls. All these aspects indicate a low level of physical and technical-tactical training of the peripheral players. This study provides general information on the level of performance and to improve it, detailed studies should be conducted, in particular on the training content of these players.*

**Key words:** *game model, point guard, shooting guard, small forward, women basketball*

## 1. Introduction

Globally, there is the issue of training the performance player capable of successfully coping in the future, the ever-increasing demands of basketball in major

national and international confrontations.

For this, any coach wants to specify what he wants to deepen and why he wants to do this. The more material available to the coach, the more information about the goal he is pursuing,

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the more knowledge of the phenomenon pursued is more effective in achieving it in practice [2], [5], [6].

This paper we will make a finding study on the game model of players on point guard positions (position 1), shooting guard or small forward (position 2 and 3) the competitive year 2018 - 2019 of the Romanian National Women's Basketball League, a more objective analysis of player performance and of the team.

To be able to make their game model, we used the data provided by the statistical records of matches, during the competitive year 2018 - 2019 to detach the game characteristics.

## **2. The purpose of the Research**

The main concern of a basketball teacher-coach must be focused primarily on the issue of technical and tactical improvement of his players as a result, it must be objectified in documents, in the conception of which, although scientifically elaborated, certain elements of "hazard" cannot fail to appear, elements determined by a series of official games, played during a competition [1], [2], [4].

A result, the main task of the study was to study the parameters of the game model of players working on point guard positions (position 1), shooting guard or small forward (position 2 and 3) and to detach their characteristic elements.

### **2.1. Research hypothesis**

In this paper, we will make a fact-finding study on the game model of players who

work in point guard (position 1), shooting guard or small forward (position 2 and 3) positions in the Romanian National Women's Basketball League (NWBL) in the 2018- 2019 competitive year, a competition organized by the Romanian Basketball Federation (RBF).

The standardization of the technical-tactical value currently observed in high performance basketball, determines the coaches to conduct studies on the quantitative and qualitative parameters of the game to find solutions for optimizing behavior in competitions [5].

The hypothesis of our study wants to highlight the need to analyze and determine those aspects of primary order, through which the training process conducted at the senior level must be oriented according to international requirements.

As a result, we established the following as a working hypothesis:

If the values of the parameters of the game model recorded for the basketball players by positions are known, objective assessments can be made on their value and evolution.

## **3. Research Subjects**

The players who were the subjects of the study are players who have been active in NWBL season 2018 - 2019 for different teams, on the positions point guard (position 1), shooting guard or small forward (position 2 and 3) (table 1.) [7-16].

*Research subjects*

Table 1

| Crt. No. | NAME AND SURNAME            | THE CLUB IN WHICH PLAYS   | DATE OF BIRTH | HEIGHT |
|----------|-----------------------------|---------------------------|---------------|--------|
| 1        | Stanici Florina             | C.S. Rapid București      | 01.01.1981    | 186 cm |
| 2        | Mandache Andra              | C.S. Municipal Satu Mare  | 27.03.1995    | 164 cm |
| 3        | Podar Alina                 | C.S.U. Olimpia Brașov     | 04.11.1998    | 186 cm |
| 4        | Pârău Anne-Marie            | ACS Sepsi SIC Sf Gheorghe | 08.03.1984    | 185 cm |
| 5        | Hadzovic Brankica           | F.C.C.I.C.I.M. Arad       | 18.03.1981    | 180 cm |
| 6        | Pesovic Blijan              | C.S. Olimpia Brașov       | 05.08.1983    | 177 cm |
| 7        | Promise Onyekachi Amukamara | C.S. Municipal Satu Mare  | 22.06.1993    | 183 cm |
| 8        | Jovana Pasic                | ACS Sepsi SIC Sf Gheorghe | 12.05.1992    | 179 cm |
| 9        | Prorche Cherrelle Poole     | C.S. Municipal Târgoviște | 20.06.1989    | 174 cm |
| 10       | Fota Bianca                 | C.S. Phoenix Constanța    | 27.03.1995    | 174 cm |

Presentation of the collected data

To conduct research on the game model, we analyzed the statistical data of 10 players working in NWBL, season 2018 - 2019, as follows:

1. Hadzovic Brankica- 31 matches
2. Pesovic Blijan - 28 matches
3. Jovana Pasic - 24 matches
4. Promise Onyekachi Amukamara - 34 matches
5. Prorche Cherrelle Poole– 36 matches

6. Pârău Anne-Marie– 24 matches

7. Stanici Florina - 36 matches

8. Mandache Andra– 33 matches

9. Podar Alina– 24 matches

10. Fota Bianca - 33 matches

To establish the game model, we centralized the parameters of the game model to be analyzed. The collected data will allow the detachment of the game characteristics of these players (table 2.) [7-16].

Table 2

*Game model of point guard players (position 1), shooting guard or small forward (position 2 and 3) NWBL 2018 – 2019*

| Player | Minutes played | % 2 pct | % 3 pct | % Free throws | Total recoveries | Assist | Personal mistakes | Total lost balls | Stolen balls | Efficiency Index | Points scored |
|--------|----------------|---------|---------|---------------|------------------|--------|-------------------|------------------|--------------|------------------|---------------|
| 1      | 34.20          | 59,1    | 29,6    | 61,5          | 7,3              | 3      | 2,5               | 3,9              | 3            | 17,6             | 14,3          |
| 2      | 31.45          | 59,2    | 30,5    | 80            | 3,8              | 3,3    | 1,9               | 2,8              | 3,9          | 17               | 16,2          |
| 3      | 27.31          | 55,4    | 28,9    | 72            | 9,4              | 1,5    | 3,6               | 3,6              | 1,4          | 15,3             | 11,2          |
| 4      | 26.45          | 55,3    | 30,9    | 76,1          | 8                | 1,5    | 2,6               | 1,8              | 1,7          | 17,7             | 13,6          |
| 5      | 31.25          | 62,3    | 35,1    | 76,2          | 8,4              | 3,3    | 1,6               | 3                | 2,3          | 23,5             | 18,7          |
| 6      | 34.45          | 52,5    | 25,8    | 73,8          | 4,3              | 2,2    | 3                 | 3,4              | 1,5          | 14               | 18,8          |
| 7      | 27.11          | 50,8    | 38,7    | 86,4          | 3,2              | 1,8    | 1,6               | 1,9              | 1,1          | 12,2             | 14,1          |
| 8      | 19             | 52,4    | 21,6    | 73,3          | 1,6              | 1,1    | 1,3               | 1                | 1            | 5,8              | 7,4           |
| 9      | 18,47          | 55      | 36      | 81,8          | 1,8              | 2      | 0,5               | 1,5              | 1,1          | 6,3              | 5,6           |
| 10     | 18,45          | 44,4    | 34,9    | 51,5          | 1,6              | 1,8    | 2,2               | 1,7              | 1            | 4,5              | 5             |

#### 4. Data analysis and Interpretation

Following the interpretations made, we can notice that the game model of the point guard (position 1), shooting guard or

small forward (position 2 and 3) players who activated in NWBL, the 2018-2019 competition season is as follows (table 3) [3], [7-16]:

Table 3

*Comparative table of game models*

| PARAMETER                 | AVARAGE NWBL<br>season 2018 – 2019 | MODEL RBF<br>Shooting guard or Small<br>forward -positions 2 and 3 | MODEL RBF<br>Point guard<br>pos.1 |
|---------------------------|------------------------------------|--|-----------------------------------|
| Average minutes played    | 26,81                              | 20 - 25  | 20 – 25                           |
| Average% throws 2 points. | 54,6                               | 66 - 75  | 68 – 75                           |
| Average% throws 3 points. | 31,2                               | 40 - 50  | 38 – 50                           |
| Average% free throws      | 73,2                               | 75 - 80  | >80                               |
| Average recoveries        | 4,9                                | 4  | 7                                 |
| Average Assist            | 2,1                                | 5 - 7  | 3 – 4                             |
| Average mistakes          | 2                                  | 2  | 2                                 |
| Average lost balls        | 2,4                                | 0 - 2  | 0 – 2                             |
| Average interceptions     | 1,8                                | 3  | 1 – 2                             |
| Average efficiency        | 13,3                               |  |                                   |
| Average points            | 12,4                               | 8 - 15   | 15 - 18                           |

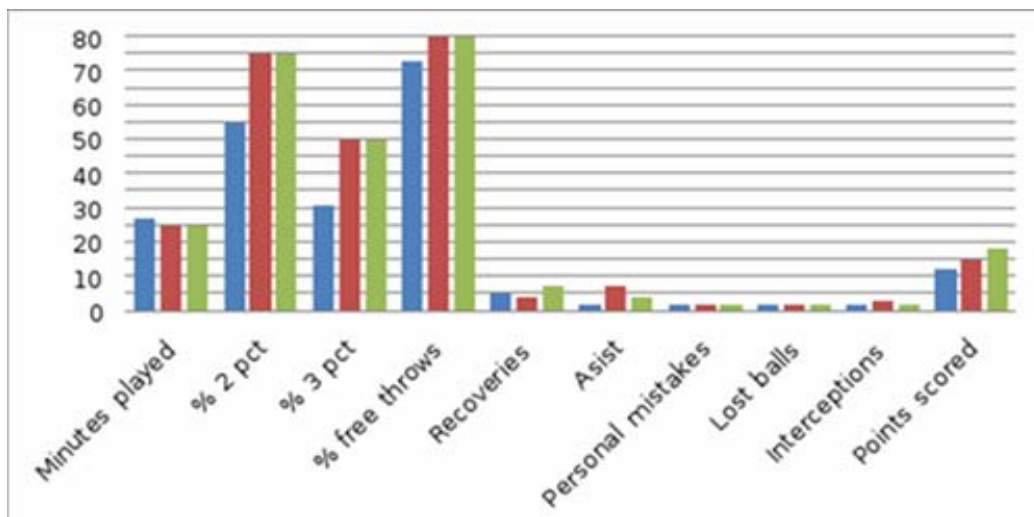


Fig.1. Comparative graph of the model calculated with models from the literature according to the table

In order to determine the best players who work in these positions, based on the (table 4).

parameters of the game model, we made the ranking of the subjects studied

Table 4

*Ranking of NWBL players season 2018 – 2019*

| Player | Minutes played | % 2 pt. | %3 pt. | % free throws | Total recoveries | Assist | Personal mistakes | Total lost balls | Stolen balls | Efficiency index | Points scored | Total | Place |
|--------|----------------|---------|--------|---------------|------------------|--------|-------------------|------------------|--------------|------------------|---------------|-------|-------|
| 1      | 2              | 3       | 7      | 9             | 4                | 3      | 4                 | 1                | 2            | 3                | 4             | 42    | 3     |
| 2      | 3              | 2       | 6      | 3             | 6                | 1      | 6                 | 5                | 1            | 4                | 3             | 40    | 2     |
| 3      | 5              | 4       | 8      | 8             | 1                | 8      | 1                 | 2                | 6            | 5                | 7             | 55    | 5     |
| 4      | 7              | 5       | 5      | 5             | 3                | 9      | 3                 | 7                | 4            | 2                | 6             | 56    | 6     |
| 5      | 4              | 1       | 3      | 4             | 2                | 2      | 7                 | 4                | 3            | 1                | 2             | 33    | 1     |
| 6      | 1              | 8       | 9      | 6             | 5                | 4      | 2                 | 3                | 5            | 6                | 1             | 50    | 4     |
| 7      | 6              | 9       | 1      | 1             | 7                | 6      | 8                 | 6                | 7            | 7                | 5             | 73    | 7     |
| 8      | 8              | 7       | 10     | 7             | 10               | 10     | 9                 | 10               | 9            | 9                | 8             | 97    | 10    |
| 9      | 9              | 6       | 2      | 2             | 8                | 5      | 10                | 9                | 8            | 8                | 9             | 76    | 8     |
| 10     | 10             | 10      | 4      | 10            | 9                | 7      | 5                 | 8                | 10           | 10               | 10            | 93    | 9     |

The ranking of the players' active on the point guard (position 1), shooting guard or small forward (position 2 and 3) positions was made based on the place occupied for each parameter:

1. Prorche Cherrelle Poole
2. Pesovic Blijan
3. Hadzovic Brankica
4. Stream Anne-Marie
5. Jovana Pasic
6. Promise Onyekachi Amukamara
7. Stanici Florina
8. Pruning Alina
9. Fota Bianca
10. Mandache Andra

It is observed that the first 6 players in the ranking are foreign players who work in the NWBL, which indicates a poor representation of Romanian players in these positions.

Following the realization of the players' hierarchy, based on the parameters of the game model, we have the ones that were in the first place at 2 parameters each:

1. Jovana Pasic - average recoveries and average personal mistakes made

2. Prorche Cherrelle Poole - average 2-point throws and average efficiency
3. Anne-Marie stream - average minutes played and average points scored
4. Stanici Florina - average% 3-point throws and average% free throws.

## 5. Conclusions

In view of the purpose and task of the study, that of studying the parameters of the game model of players active in the positions point guard (position 1), shooting guard or small forward (position 2 and 3) and the detachment of their characteristic elements, the study conducted validated the established hypothesis, that "if the values of the parameters of the game model recorded for the basketball players on positions are known, then objective assessments can be made on their value and evolution."

As a result, the analysis and interpretation of the parameters of the game model registered in NWBL, season 2018 - 2019 allowed us to achieve the following model of these players:

Table 5  
The game model season 2018-2019

| Parameter              | AVERAGE NWBL<br>season 2018 – 2019 |
|------------------------|------------------------------------|
| Average minutes played | 26,81                              |
| Average% throws 2 pts. | 54,6                               |
| Average% throws 3 pts. | 31,2                               |
| Average% free throws   | 73,2                               |
| Average recoveries     | 4,9                                |
| Average Assist         | 2,1                                |
| Average mistakes       | 2                                  |
| Average lost balls     | 2,4                                |
| Average interceptions  | 1,8                                |
| Average efficiency     | 13,3                               |
| Average points         | 12,4                               |

The analyzed players fit into the RBF model at the parameters:

- average minutes played
- average recoveries
- average personal mistakes
- average interceptions
- average points scored

The deficient aspects, resulting from the comparison with the RBF model are:

- average% of 2-point throws
- average% of throws of 3 points
- average% of free throws
- average of assist
- average lost balls

There was a poor training of the peripheral players in terms of the accuracy of the basket throws but also a large number of lost balls. All these aspects indicate a low level of physical and technical-tactical training of the peripheral players.

The present study provides general information on the level of performance and in order to improve it, detailed studies should be carried out, in particular on the training content of these players.

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