



**Who Is the Best Player In the WNBA ?**





# Voting rules for the WNBA Awards



Panel of sportswriters and broadcasters located in the US select their top 5 choices



- ☒ *MVP*
- ☒ *Rookie of the Year*
- ☒ *Defensive player*
- ☒ *Most improved player*
- ☒ *Final MVP*

## METRIC

- 1st place 10 pts
- 2nd place 7 pts
- 3rd place 5 pts
- 4th place 3 pts
- 5th place 1 point

Each vote is awarded points





# Awards based on opinions not stats



With a wealth of data available about the players in the wnba, we were surprised to learn that the awards given out at the end of the season were **so subjectively chosen.**

This lead to our actions.





The Ironhack Sports Committee believes that this method of award voting is problematic.

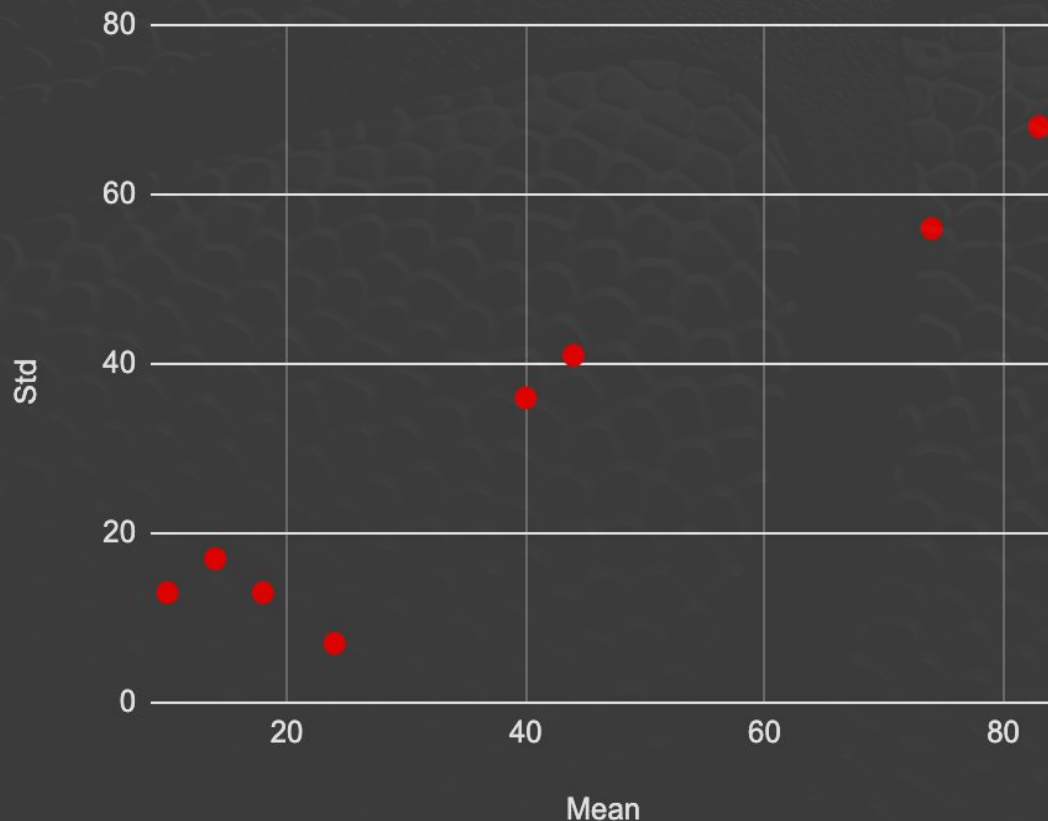
We decided to build a **new players performance ranking**. This ranking is totally data-driven eliminating any personal preference to any single player.

Our Motto:

AWARD THE TALENT  
NOT THE PERSONALITY

# Creating our own Metric

Mean and Standard Deviation of the Metrics

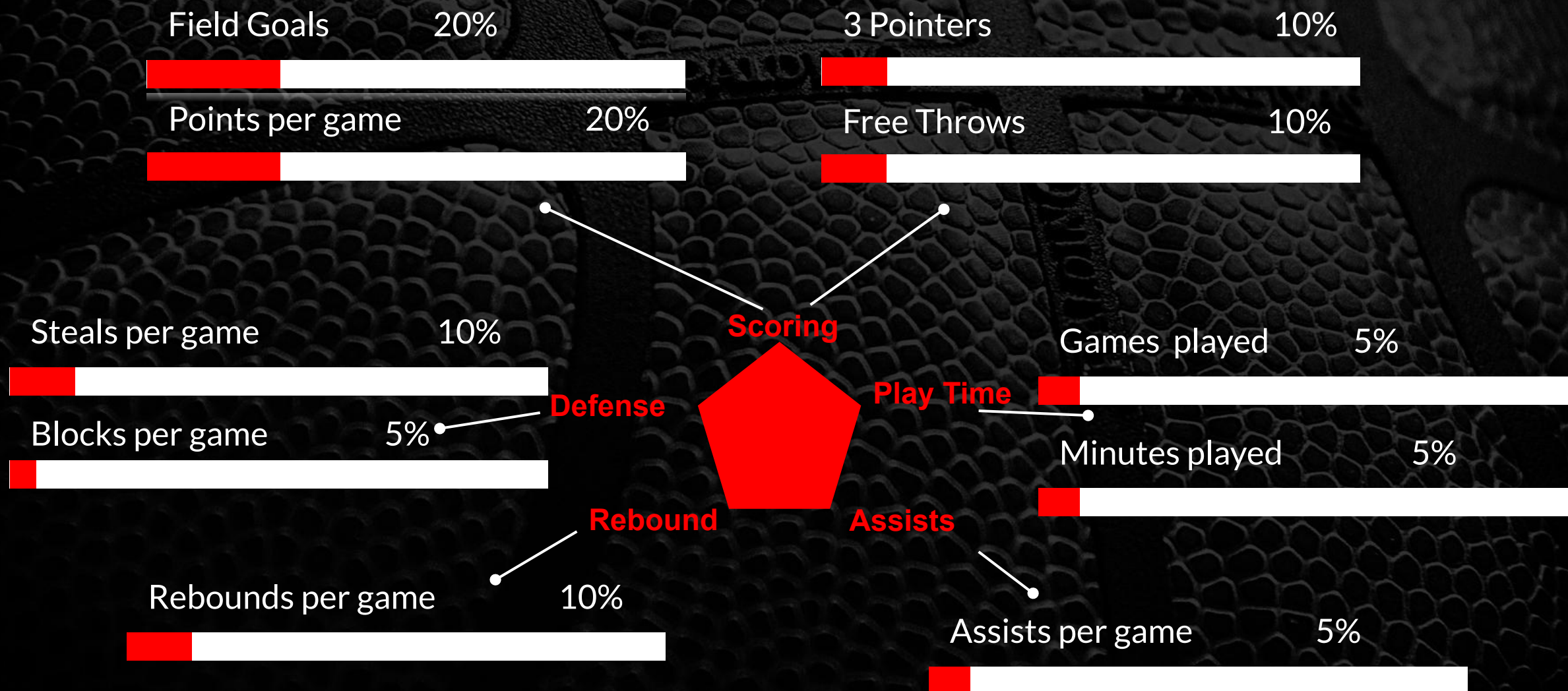


- Combination of all relevant metrics
- A lot of different statistics available
- Different Variable-Types
- Different Scales
- Total numbers, Aggregations, Percentages etc.

→ Standardizing necessary



# Ironhack Ranking - Criteria & Weights



# Ironhack Ranking Result



Rank	Name	Team	Score
1	Breanna Stewart	Seattke Storm	103.3
2	Candace Parker	Los Angeles Sparks	101.8
3	Sylvia Fowles	Minesota Lynx	101.6
4	Nneka Ogwumike	Los Angeles Sparks	96.4
5	Jordan Hooper	Chicago Sky	96.3
6	Skylar Diggins-Smith	Dallas Wings	93.1
7	Tina Charles	New York Liberty	91.9
8	Brittney Griner	Phoenix Mercury	91.7
9	Maya Moore	Minesota Lynx	90.6
10	Diana Taurasi	Phoenix Mercury	86.3



# Ironhack stats

## Ironhack Best Player



**Breanna Stewart**  
SEA • FORWARD • 30

**PLAYER INFO**


HEIGHT	WEIGHT
<b>6-4</b> <small>1.93 m</small>	<b>170 lbs</b> <small>77.1 kg</small>
BIRTHDATE	COLLEGE / COUNTRY
<b>Aug 27, 1994</b>	<b>Connecticut/USA</b>

VS

# WNBA stats



## WNBA MVP



**Nneka Ogwumike**  
LAS • FORWARD • 30

**PLAYER INFO**

HEIGHT	WEIGHT
<b>6-2</b> <small>1.88 m</small>	<b>174 lbs</b> <small>78.9 kg</small>
BIRTHDATE	COLLEGE / COUNTRY
<b>Jul 2, 1990</b>	<b>Stanford/USA</b>



# Ironhack Top 4 Players

IRON  
HACK

Ironhack Ranking

1



**Breanna  
Stewart**

SEA • FORWARD • 30



2



**Candace  
Parker**

LAS • F-C • 3



3



**Sylvia  
Fowles**

MIN • CENTER • 34



4



**Nneka  
Ogwumike**

LAS • FORWARD • 30



# WNBA Award in 2016 Season

WNBA Award



Rookie of the Year

Finals MVP

Defensive Player of the Year

Most Valuable Player



## Conclusion



- The methodology determines the result.
- Despite the divergence in methodology, the top ranked players in the Ironhack list were also awarded various titles by the WNBA.
- The WNBA voting rule has turned out to have certain statistical reliability.
- But the WNBA Awards are not perfect, there are still some degrees of bias in their voting. The best example: Rookie vs MVP







IRON  
HACK



**Ironhack Sports Committee  
is committed to supporting all  
women athletes through the  
power of data**

**THANK YOU**

---

---