

Arkansas Razorbacks Men's Basketball 2022-23

Data

```
## Getting Game IDs: Arkansas

## Scraping Data for Game: 1 of 31

## Getting Shots for Game 1 of 1

## No shot location data available for this game.

## Parsing Possessions

## Scraping Data for Game: 2 of 31

## Getting Shots for Game 1 of 1

## No shot location data available for this game.

## Parsing Possessions

## Scraping Data for Game: 3 of 31

## Getting Shots for Game 1 of 1

## No shot location data available for this game.

## Parsing Possessions

## Scraping Data for Game: 4 of 31

## Getting Shots for Game 1 of 1

## Parsing Possessions

## Scraping Data for Game: 5 of 31

## Getting Shots for Game 1 of 1

## Parsing Possessions
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## Scraping Data for Game: 6 of 31

## Getting Shots for Game 1 of 1

## Parsing Possessions

## Scraping Data for Game: 7 of 31

## Getting Shots for Game 1 of 1

## Parsing Possessions

## Scraping Data for Game: 8 of 31

## Getting Shots for Game 1 of 1

## No shot location data available for this game.

## Parsing Possessions

## Scraping Data for Game: 9 of 31

## Getting Shots for Game 1 of 1

## No shot location data available for this game.

## Parsing Possessions

## Scraping Data for Game: 10 of 31

## Getting Shots for Game 1 of 1

## No shot location data available for this game.

## Parsing Possessions

## Scraping Data for Game: 11 of 31

## Getting Shots for Game 1 of 1

## No shot location data available for this game.

## Parsing Possessions

## Scraping Data for Game: 12 of 31

## Getting Shots for Game 1 of 1
```

No shot location data available for this game.

Parsing Possessions

Scraping Data for Game: 13 of 31

Getting Shots for Game 1 of 1

Parsing Possessions

Scraping Data for Game: 14 of 31

Getting Shots for Game 1 of 1

Parsing Possessions

Scraping Data for Game: 15 of 31

Getting Shots for Game 1 of 1

Parsing Possessions

Scraping Data for Game: 16 of 31

Getting Shots for Game 1 of 1

Parsing Possessions

Scraping Data for Game: 17 of 31

Getting Shots for Game 1 of 1

No shot location data available for this game.

Parsing Possessions

Scraping Data for Game: 18 of 31

Getting Shots for Game 1 of 1

Parsing Possessions

Scraping Data for Game: 19 of 31

Getting Shots for Game 1 of 1

Parsing Possessions

```
## Scraping Data for Game: 20 of 31

## Getting Shots for Game 1 of 1

## Parsing Possessions

## Scraping Data for Game: 21 of 31

## Getting Shots for Game 1 of 1

## Parsing Possessions

## Scraping Data for Game: 22 of 31

## Getting Shots for Game 1 of 1

## No shot location data available for this game.

## Parsing Possessions

## Scraping Data for Game: 23 of 31

## Getting Shots for Game 1 of 1

## No shot location data available for this game.

## Parsing Possessions

## Scraping Data for Game: 24 of 31

## Getting Shots for Game 1 of 1

## Parsing Possessions

## Scraping Data for Game: 25 of 31

## Getting Shots for Game 1 of 1

## No shot location data available for this game.

## Parsing Possessions

## Scraping Data for Game: 26 of 31

## Getting Shots for Game 1 of 1

## No shot location data available for this game.
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```
## Parsing Possessions

## Scraping Data for Game: 27 of 31

## Getting Shots for Game 1 of 1

## No shot location data available for this game.

## Parsing Possessions

## Scraping Data for Game: 28 of 31

## Getting Shots for Game 1 of 1

## No shot location data available for this game.

## Parsing Possessions

## Scraping Data for Game: 29 of 31

## Getting Shots for Game 1 of 1

## Parsing Possessions

## Scraping Data for Game: 30 of 31

## Getting Shots for Game 1 of 1

## Parsing Possessions

## Scraping Data for Game: 31 of 31

## Getting Shots for Game 1 of 1

## Parsing Possessions

## Pulling Box Score Data for Game: 1 of 31

## Pulling Box Score Data for Game: 2 of 31

## Pulling Box Score Data for Game: 3 of 31

## Pulling Box Score Data for Game: 4 of 31

## Pulling Box Score Data for Game: 5 of 31

## Pulling Box Score Data for Game: 6 of 31
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Pulling Box Score Data for Game: 7 of 31

Pulling Box Score Data for Game: 8 of 31

Pulling Box Score Data for Game: 9 of 31

Pulling Box Score Data for Game: 10 of 31

Pulling Box Score Data for Game: 11 of 31

Pulling Box Score Data for Game: 12 of 31

Pulling Box Score Data for Game: 13 of 31

Pulling Box Score Data for Game: 14 of 31

Pulling Box Score Data for Game: 15 of 31

Pulling Box Score Data for Game: 16 of 31

Pulling Box Score Data for Game: 17 of 31

Pulling Box Score Data for Game: 18 of 31

Pulling Box Score Data for Game: 19 of 31

Pulling Box Score Data for Game: 20 of 31

Pulling Box Score Data for Game: 21 of 31

Pulling Box Score Data for Game: 22 of 31

Pulling Box Score Data for Game: 23 of 31

Pulling Box Score Data for Game: 24 of 31

Pulling Box Score Data for Game: 25 of 31

Pulling Box Score Data for Game: 26 of 31

Pulling Box Score Data for Game: 27 of 31

Pulling Box Score Data for Game: 28 of 31

Pulling Box Score Data for Game: 29 of 31

Pulling Box Score Data for Game: 30 of 31

Pulling Box Score Data for Game: 31 of 31

Visualizations

Circle Assist Network

A circle assist network in R is a function that creates a circular plot of how players on a basketball team assist each other for scoring points. Here, we are doing this for the entire 2022-23 Arkansas basketball season. Additionally, we can highlight a specific player if desired which in this case is Anthony Black, the starting PG for the Razorbacks this year.

```
circle_assist_net("Arkansas", "2022-23", highlight_player = "Anthony Black", highlight_color = "#9D2235",  
threshold = 0.1, message = NA, return_stats = T)
```

```
## Getting Game IDs: Arkansas
```

```
## Scraping Data for Game: 1 of 31
```

```
## Scraping Data for Game: 2 of 31
```

```
## Scraping Data for Game: 3 of 31
```

```
## Scraping Data for Game: 4 of 31
```

```
## Scraping Data for Game: 5 of 31
```

```
## Scraping Data for Game: 6 of 31
```

```
## Scraping Data for Game: 7 of 31
```

```
## Scraping Data for Game: 8 of 31
```

```
## Scraping Data for Game: 9 of 31
```

```
## Scraping Data for Game: 10 of 31
```

```
## Scraping Data for Game: 11 of 31
```

```
## Scraping Data for Game: 12 of 31
```

```
## Scraping Data for Game: 13 of 31
```

```
## Scraping Data for Game: 14 of 31
```

```
## Scraping Data for Game: 15 of 31
```

```
## Scraping Data for Game: 16 of 31
```

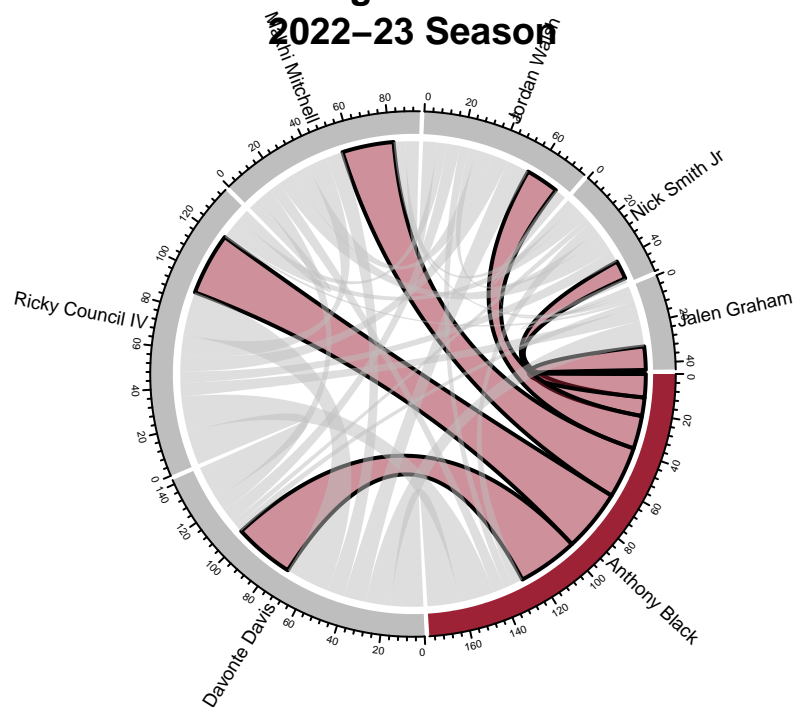
```
## Scraping Data for Game: 17 of 31
```

```

## Scraping Data for Game: 18 of 31
## Scraping Data for Game: 19 of 31
## Scraping Data for Game: 20 of 31
## Scraping Data for Game: 21 of 31
## Scraping Data for Game: 22 of 31
## Scraping Data for Game: 23 of 31
## Scraping Data for Game: 24 of 31
## Scraping Data for Game: 25 of 31
## Scraping Data for Game: 26 of 31
## Scraping Data for Game: 27 of 31
## Scraping Data for Game: 28 of 31
## Scraping Data for Game: 29 of 31
## Scraping Data for Game: 30 of 31
## Scraping Data for Game: 31 of 31

```

Arkansas Weighted Assist Network 2022-23 Season




```

## $clust_coeff
## [1] 0.813
##
## $page_ranks
## Ricky Council IV      Davonte Davis      Anthony Black      Makhi Mitchell
##      0.14783618      0.13995354      0.13948301      0.09695668
##      Jordan Walsh      Nick Smith Jr      Makhel Mitchell      Jalen Graham
##      0.09183416      0.07699889      0.06509175      0.06019320
##      Trevon Brazile      Joseph Pinion      Cade Arbogast      Kamani Johnson
##      0.05844673      0.04337997      0.02222278      0.02028985
##      Lawson Blake      Barry Dunning Jr      Derrian Ford
##      0.01328862      0.01201231      0.01201231
##
## $hub_scores
##      Anthony Black      Davonte Davis      Ricky Council IV      Makhi Mitchell
##      0.78959086      0.40856709      0.35216751      0.18105597
##      Jordan Walsh      Nick Smith Jr      Jalen Graham      Trevon Brazile
##      0.16058087      0.12195414      0.06761588      0.05784968
##      Makhel Mitchell      Kamani Johnson      Derrian Ford      Joseph Pinion
##      0.05561577      0.02672691      0.01756700      0.01106487
##      Barry Dunning Jr      Cade Arbogast      Lawson Blake
##      0.00000000      0.00000000      0.00000000
##
## $auth_scores
## Ricky Council IV      Davonte Davis      Makhi Mitchell      Jordan Walsh
##      5.217110e-01      4.730823e-01      4.161789e-01      3.247643e-01
##      Jalen Graham      Makhel Mitchell      Anthony Black      Nick Smith Jr
##      2.403182e-01      2.239197e-01      2.209267e-01      1.687738e-01
##      Trevon Brazile      Joseph Pinion      Kamani Johnson      Lawson Blake
##      1.607244e-01      1.184806e-01      1.667242e-02      2.443058e-04
##      Derrian Ford      Barry Dunning Jr      Cade Arbogast
##      1.977560e-17      5.054341e-18      4.357770e-18
##
## $ast_freq
##      Anthony Black      Barry Dunning Jr      Davonte Davis      Derrian Ford
##      0.313846154      0.003076923      0.187692308      0.016410256
##      Jalen Graham      Jordan Walsh      Joseph Pinion      Kamani Johnson
##      0.031794872      0.070769231      0.007179487      0.009230769
##      Makhel Mitchell      Makhi Mitchell      Nick Smith Jr      Ricky Council IV
##      0.021538462      0.087179487      0.051282051      0.177435897
##      Trevon Brazile
##      0.022564103
##
## $shot_freq
##      Anthony Black      Cade Arbogast      Davonte Davis      Jalen Graham
##      0.117948718      0.003076923      0.154871795      0.069743590
##      Jordan Walsh      Joseph Pinion      Kamani Johnson      Lawson Blake
##      0.109743590      0.046153846      0.008205128      0.002051282
##      Makhel Mitchell      Makhi Mitchell      Nick Smith Jr      Ricky Council IV
##      0.069743590      0.122051282      0.069743590      0.166153846
##      Trevon Brazile
##      0.060512821

```