

## Metadata Guide

To accompany Fox "Contract Year Performance and Recency Bias"

This document uses three different kinds of original data files. One is data on free agent contracts between the 2006-2007 and 2011-2012 seasons. They are preserved and titled in the format: Free Agent Contract Data 2007, with the year corresponding to the year in which the free agent received their contract. The other two types of data are performance data from the 2004-2005 to 2013-2014 seasons. One is regular or standard statistics whereas the other is advanced statistics. They are titled: regular\_statspg\_2014season and Advanced\_Stats\_2005season respectively with the year corresponding to the year in which the basketball season ended.

### **Supporting information for Free Agent Contract Data 2007: (also 2008-2012)**

Bibliographic citation:

*2012-2013 NBA Free Agent Tracker* [Fact sheet]. (n.d.). Retrieved November 20, 2014, from Spotrac. website: <http://www.spotrac.com/free-agents/nba/2012/>

Accessing the data:

Copy and paste the contract data from each of the web pages into Excel. Change the number in the last backslash to the year ending the season for each of the desired seasons. For example, [www.spotrac.com/free-agents/nba/2011](http://www.spotrac.com/free-agents/nba/2011). Do this all the way back to the year 2007. These spread sheets were saved as Free Agent Contract Data (year).

Additional information:

The columns are titled Player, Pos, Status, From, To, Years, Dollars, Signed. "Player" represents the player's name. "Pos" is the player's position. "Status" is signed if a player has signed and UFA if they are an unrestricted free agent, meaning they can sign with whomever, whenever. "From" is the team they played for last season while "To" is the team by whom they were signed. "Years" is the length of the free agent's contract in years. "Dollars" gives the total contract the player signed for in dollars. "Signed" gives the date on which the player signed their contract if they have signed and TBD if they have not. I hand deleted the first row because copy and paste brought in review by: reset: filter: from drop down menus above the information we wanted.

### **Supporting information for Advanced-Stats-(year)season-Raw: (also 2005-2013)**

Bibliographic citation:

*2013-2014 NBA Stats: Advanced* [Fact sheet]. (n.d.). Retrieved November 22, 2014, from Basketball Reference website: [http://www.basketball-reference.com/leagues/NBA\\_2014\\_advanced.html](http://www.basketball-reference.com/leagues/NBA_2014_advanced.html)

Accessing the data:

Export the data from the link given in the bibliographic citation. Change the number in the last backslash to the year ending the season for each of the desired seasons. For example, [http://www.basketball-reference.com/leagues/NBA\\_2014\\_advanced.html](http://www.basketball-reference.com/leagues/NBA_2014_advanced.html). Do this all the way back to the year 2005. These spread sheets were saved as Advanced\_Stats\_(year)season\_Raw.

Additional information:

The variables in these files are the normal per game statistical averages for each of the players: **position**, **age**, **team**, games played, games started, **minutes played**, player efficiency rating, true shooting percentage, 3-point attempt rate, free throw attempt rate, offensive rebound percentage, defensive rebound percentage, total rebound percentage, assist percentage, steal percentage, block percentage, turnover percentage, usage percentage, offensive win share, defensive win share, **win share**, win share per 48 minutes, offensive box plus minus, defensive box plus minus, box plus minus, and value over replacement player. (Variables shown in bold were extracted from these files for use in the thesis.)

For an explanation of the win share variable, see the document titled winshare.pdf in the "Metadata Supplements" folder.

**Supporting information for regular-statspg-20014season: (also 2005-2013)**

Bibliographic citation:

*2013-2014 NBA Stats: Per Game* [Fact sheet]. (n.d.). Retrieved November 22, 2014, from Basketball Reference website: [http://www.basketball-reference.com/leagues/NBA\\_2014\\_per\\_game.html](http://www.basketball-reference.com/leagues/NBA_2014_per_game.html)

Accessing the data:

Export the data from the link given in the bibliographic citation. Change the number in the last backslash to the year ending the season for each of the desired seasons. For example, [http://www.basketball-reference.com/leagues/NBA\\_2014\\_per\\_game.html](http://www.basketball-reference.com/leagues/NBA_2014_per_game.html). Do this all the way back to the year 2005. These spread sheets were saved as regular\_statspg\_(year)season\_Raw.

Additional information:

The category titles are the normal per game statistical averages for each of the named players. The categories are player name, **position**, **age**, **team**, games played, games started, **minutes played**, field goals (shots that score from the run of play), field goal attempts, field goal percentage, 3 pointers made, 3 pointers attempted, 3 point percentage, 2 pointers made, 2 pointers attempted, 2 point percentage, free throws made, free throws attempted, free throw percentage, offensive rebound, defensive rebounds, total rebounds, assists, steals, blocks, turnover, personal fouls, and points. (Variables shown in bold were extracted from these files for use in the thesis.)