

Benjamin Ruskin
4/27/17

Ruskin Economics Thesis
Read-Me File

List of all Files in the “Replication Documentation” Folder:

NOTE: **(FOLDERS IN BOLD)**

NOTE: *(Sub-folders in Italics)*

Analysis Data

Analysis.dta

Command Files

Analysis.do

data appendix.do

Do All Processing.do

STEP 1-A player value files processing.do

Step 1-B Opening Day Rosters processing.do

Step 1-C calculating turnover and league turnover.do

Step 1-D Calculating Opening Day WAR.do

STEP 1-E calculating the continuity variables.do

STEP 2 standings processing.do

STEP 3 Team Salary and Ballpark Processing.do

STEP 4 Finalizing Analysis Data .do

Documents

Ruskin Economic Thesis.docx

Original Data

Hand Collected Data.xlsx

Metadata

Metadata-guide.docx

Opening Day Rosters

2003 Opening Day Rosters.xlsx
 2004 Opening Day Rosters.xlsx
 2005 Opening Day Rosters.xlsx
 2006 Opening Day Rosters.xlsx
 2007 Opening Day Rosters.xlsx
 2008 Opening Day Rosters.xlsx
 2009 Opening Day Rosters.xlsx
 2010 Opening Day Rosters.xlsx
 2011 Opening Day Rosters.xlsx
 2012 Opening Day Rosters.xlsx
 2013 Opening Day Rosters.xlsx
 2014 Opening Day Rosters.xlsx
 2015 Opening Day Rosters.xlsx
 2016 Opening Day Rosters.xlsx

Player Value Data By Year Hitters

EDITED 2TM leagues_MLB_2002-value-batting_players_value_batting.csv
 EDITED 2TM leagues_MLB_2003-value-batting_players_value_batting.csv
 EDITED 2TM leagues_MLB_2004-value-batting_players_value_batting.csv
 EDITED 2TM leagues_MLB_2005-value-batting_players_value_batting.csv
 EDITED 2TM leagues_MLB_2006-value-batting_players_value_batting.csv
 EDITED 2TM leagues_MLB_2007-value-batting_players_value_batting.csv
 EDITED 2TM leagues_MLB_2008-value-batting_players_value_batting.csv
 EDITED 2TM leagues_MLB_2009-value-batting_players_value_batting.csv
 EDITED 2TM leagues_MLB_2010-value-batting_players_value_batting.csv
 EDITED 2TM leagues_MLB_2011-value-batting_players_value_batting.csv
 EDITED 2TM leagues_MLB_2012-value-batting_players_value_batting.csv
 EDITED 2TM leagues_MLB_2013-value-batting_players_value_batting.csv
 EDITED 2TM leagues_MLB_2014-value-batting_players_value_batting.csv
 EDITED 2TM leagues_MLB_2015-value-batting_players_value_batting.csv

leagues_MLB_2002-value-batting_players_value_batting.csv
 leagues_MLB_2003-value-batting_players_value_batting.csv
 leagues_MLB_2004-value-batting_players_value_batting.csv
 leagues_MLB_2005-value-batting_players_value_batting.csv
 leagues_MLB_2006-value-batting_players_value_batting.csv
 leagues_MLB_2007-value-batting_players_value_batting.csv
 leagues_MLB_2008-value-batting_players_value_batting.csv
 leagues_MLB_2009-value-batting_players_value_batting.csv
 leagues_MLB_2010-value-batting_players_value_batting.csv
 leagues_MLB_2011-value-batting_players_value_batting.csv
 leagues_MLB_2012-value-batting_players_value_batting.csv
 leagues_MLB_2013-value-batting_players_value_batting.csv
 leagues_MLB_2014-value-batting_players_value_batting.csv
 leagues_MLB_2015-value-batting_players_value_batting.csv
 leagues_MLB_2016-value-batting_players_value_batting.csv

Player Value Data By Year Pitchers

EDITED 2TM leagues_MLB_2002-value-pitching_players_value_pitching.csv
 EDITED 2TM leagues_MLB_2003-value-pitching_players_value_pitching.csv
 EDITED 2TM leagues_MLB_2004-value-pitching_players_value_pitching.csv
 EDITED 2TM leagues_MLB_2005-value-pitching_players_value_pitching.csv
 EDITED 2TM leagues_MLB_2006-value-pitching_players_value_pitching.csv
 EDITED 2TM leagues_MLB_2007-value-pitching_players_value_pitching.csv
 EDITED 2TM leagues_MLB_2008-value-pitching_players_value_pitching.csv
 EDITED 2TM leagues_MLB_2009-value-pitching_players_value_pitching.csv
 EDITED 2TM leagues_MLB_2010-value-pitching_players_value_pitching.csv
 EDITED 2TM leagues_MLB_2011-value-pitching_players_value_pitching.csv
 EDITED 2TM leagues_MLB_2012-value-pitching_players_value_pitching.csv
 EDITED 2TM leagues_MLB_2013-value-pitching_players_value_pitching.csv
 EDITED 2TM leagues_MLB_2014-value-pitching_players_value_pitching.csv
 EDITED 2TM leagues_MLB_2015-value-pitching_players_value_pitching.csv
 leagues_MLB_2002-value-pitching_players_value_pitching.csv
 leagues_MLB_2003-value-pitching_players_value_pitching.csv
 leagues_MLB_2004-value-pitching_players_value_pitching.csv
 leagues_MLB_2005-value-pitching_players_value_pitching.csv
 leagues_MLB_2006-value-pitching_players_value_pitching.csv
 leagues_MLB_2007-value-pitching_players_value_pitching.csv
 leagues_MLB_2008-value-pitching_players_value_pitching.csv
 leagues_MLB_2009-value-pitching_players_value_pitching.csv
 leagues_MLB_2010-value-pitching_players_value_pitching.csv
 leagues_MLB_2011-value-pitching_players_value_pitching.csv
 leagues_MLB_2012-value-pitching_players_value_pitching.csv
 leagues_MLB_2013-value-pitching_players_value_pitching.csv
 leagues_MLB_2014-value-pitching_players_value_pitching.csv

leagues_MLB_2015-value-pitching_players_value_pitching.csv
leagues_MLB_2016-value-pitching_players_value_pitching.csv

player_id.csv

Rosters

teams_[team]_[year]-roster_appearances.csv

NOTE: Not all files included for brevity. There are 450 files in this folder.

Team Salary

leagues_MLB_2002-misc_teams_miscellaneous.csv
leagues_MLB_2003-misc_teams_miscellaneous.csv
leagues_MLB_2004-misc_teams_miscellaneous.csv
leagues_MLB_2005-misc_teams_miscellaneous.csv
leagues_MLB_2006-misc_teams_miscellaneous.csv
leagues_MLB_2007-misc_teams_miscellaneous.csv
leagues_MLB_2008-misc_teams_miscellaneous.csv
leagues_MLB_2009-misc_teams_miscellaneous.csv
leagues_MLB_2010-misc_teams_miscellaneous.csv
leagues_MLB_2011-misc_teams_miscellaneous.csv
leagues_MLB_2012-misc_teams_miscellaneous.csv
leagues_MLB_2013-misc_teams_miscellaneous.csv
leagues_MLB_2014-misc_teams_miscellaneous.csv
leagues_MLB_2015-misc_teams_miscellaneous.csv
leagues_MLB_2016-misc_teams_miscellaneous.csv

Team Standings By Year

leagues_MLB_2002-standings_expanded_standings_overall.csv
leagues_MLB_2003-standings_expanded_standings_overall.csv
leagues_MLB_2004-standings_expanded_standings_overall.csv
leagues_MLB_2005-standings_expanded_standings_overall.csv
leagues_MLB_2006-standings_expanded_standings_overall.csv
leagues_MLB_2007-standings_expanded_standings_overall.csv
leagues_MLB_2008-standings_expanded_standings_overall.csv
leagues_MLB_2009-standings_expanded_standings_overall.csv
leagues_MLB_2010-standings_expanded_standings_overall.csv
leagues_MLB_2011-standings_expanded_standings_overall.csv
leagues_MLB_2012-standings_expanded_standings_overall.csv
leagues_MLB_2013-standings_expanded_standings_overall.csv
leagues_MLB_2014-standings_expanded_standings_overall.csv
leagues_MLB_2015-standings_expanded_standings_overall.csv
leagues_MLB_2016-standings_expanded_standings_overall.csv

Instructions to Reproduce the Results of the Thesis:

1. Download the “Replication Documentation” folder from OSF to the hard disk of the computer to be used to construct final data files.

2. Once the “Replication Documentation” folder is downloaded from OSF to a computer, it will be stored in a zipped folder. Unzip that folder, but do not change the structure of the folders that are inside the “Replication Documentation” folder, and do not move any of the files they contain from one folder to another.

3. Then open the Command Files folder and open all dofiles. To construct the final data file step by step, open the files labeled Step 1-A,B,C,D... “Step...”, “Step 2...”, “Step 3...”, and “Step 4...” in STATA. Set the STATA working directory to the “Command Files” folder and then execute the dofiles that create the final data files in the corrected order: starting at Step 1 and finishing at Step 4. This will generate the file “Analysis.dta” in the “Analysis Data” Folder.

NOTE: One can also generate the final data file by running the single do-file “Do All Processing.do” in the same.

4. Then, open and execute “data appendix.do” from the “Command Files” folder. (with the “Command Files” folder set as Stata’s working directory). This action will produce all the output used to create the Data Appendix.

5. Then, open and execute “Analysis.do” from the “Command Files” folder. (with the “Command Files” folder set as Stata’s working directory). This action will produce all the tables and graphs used in the main body of the Thesis.

Minor edits made by Richard Ball on May 15, 2017.