

Analysis of Draft vs. Academy System In Soccer

Presenter: Evan Berryman
Faculty Mentors: David Agard, Joe Nolan

Draft vs. Academy

- Draft system is only used in America
 - Prospects must attend college were they improve before they are drafted
 - Academy system is used everywhere else in the world
 - Prospects as young as 8 years old join an academy to work their way up
 - Like a younger version of A, AA, and AAA system in baseball
-

Data Source For Project

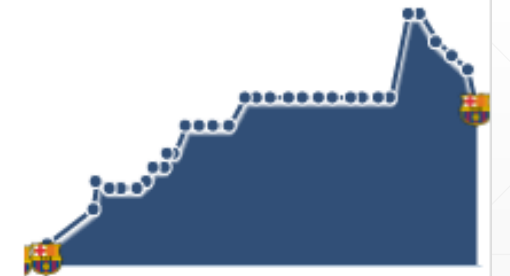
- Transfermarkt is one of the most visited German websites
- Using market value as proxy for determining how good a player is
- Highest market value was labeled maximum value
 - Not an estimate of future value
 - Value a team would accept at a specified point in time (for this study April 8, 2020)



Current market value:
\$123.20m

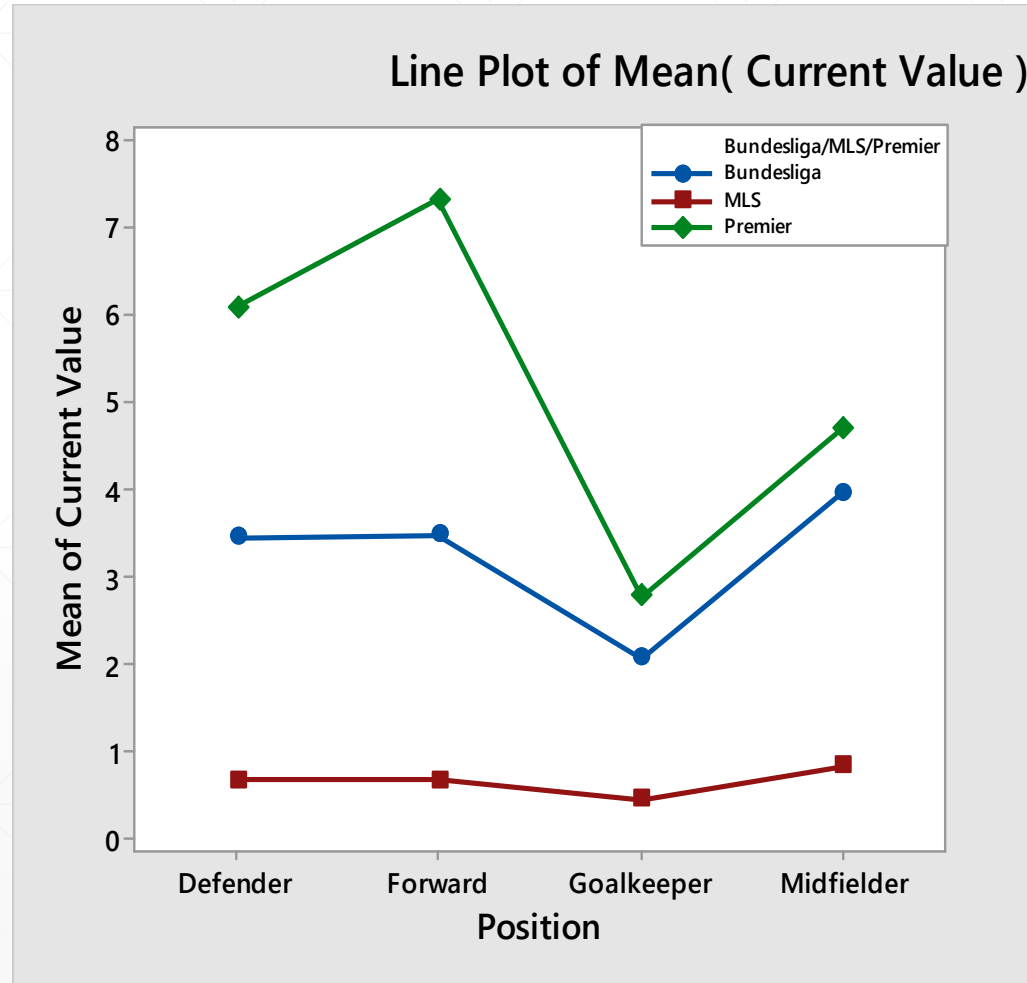
Last update:
Apr 8, 2020

Highest market value:
\$198.00m
Jan 1, 2018



Excerpt from Lionel Messi's page

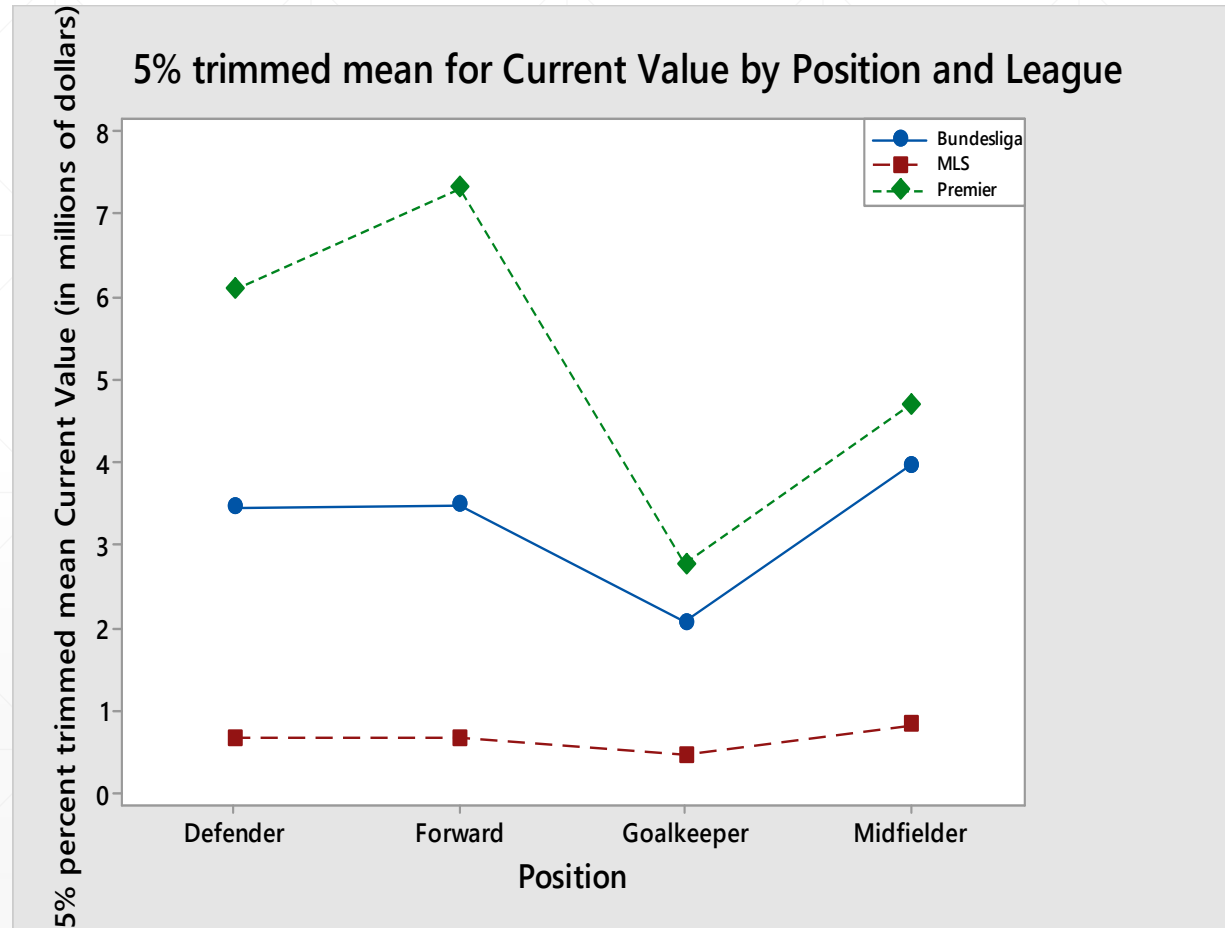
Average Value of Players By Position



Title of graph 5% trimmed mean for current value by position and League

Y axis 5% percent trimmed mean current value (in millions of dollars)

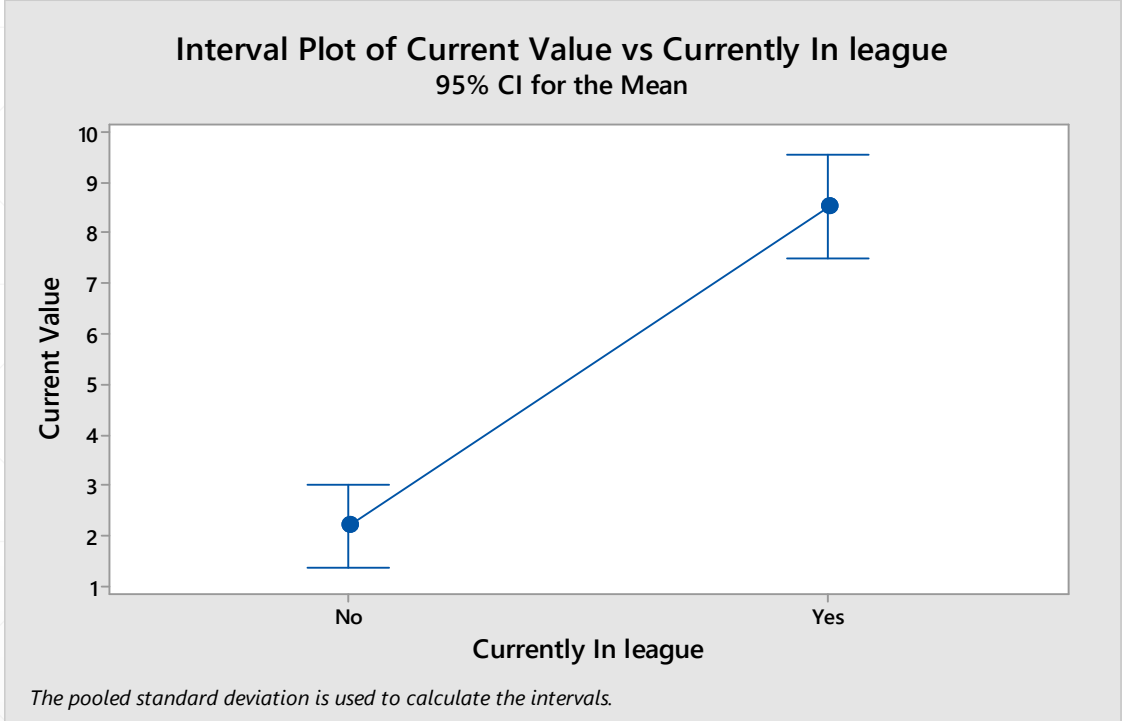
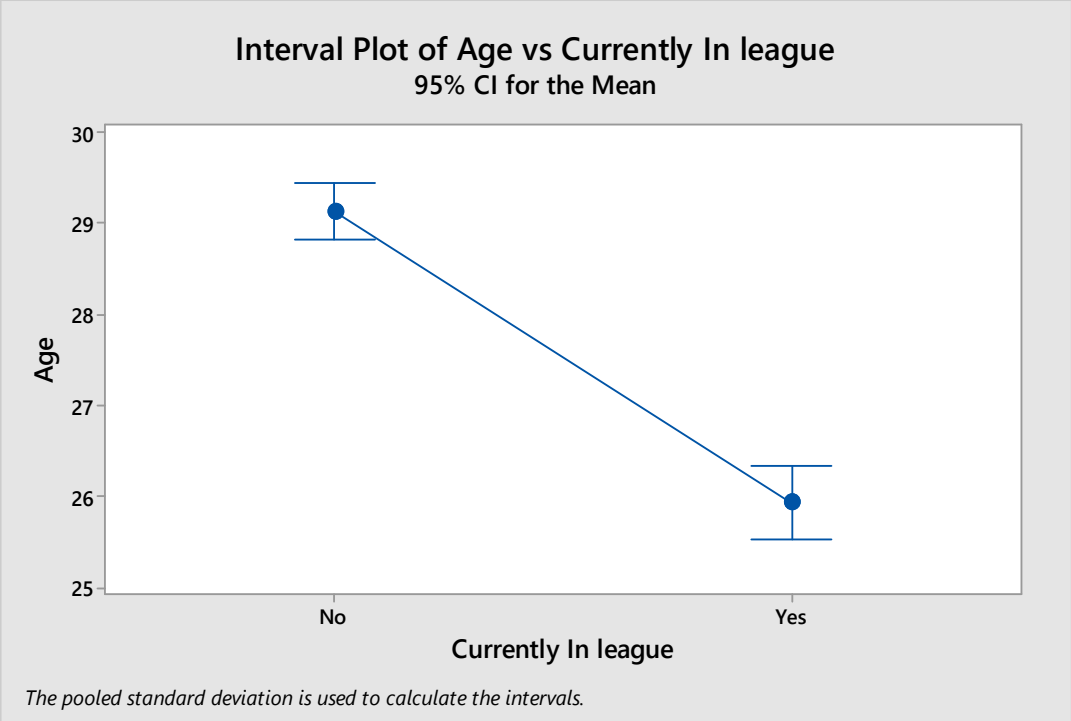
Average Value of Players By Position



Title of graph 5% trimmed mean for current value by position and League

Y axis 5% percent trimmed mean current value (in millions of dollars)

Overview Of Academy

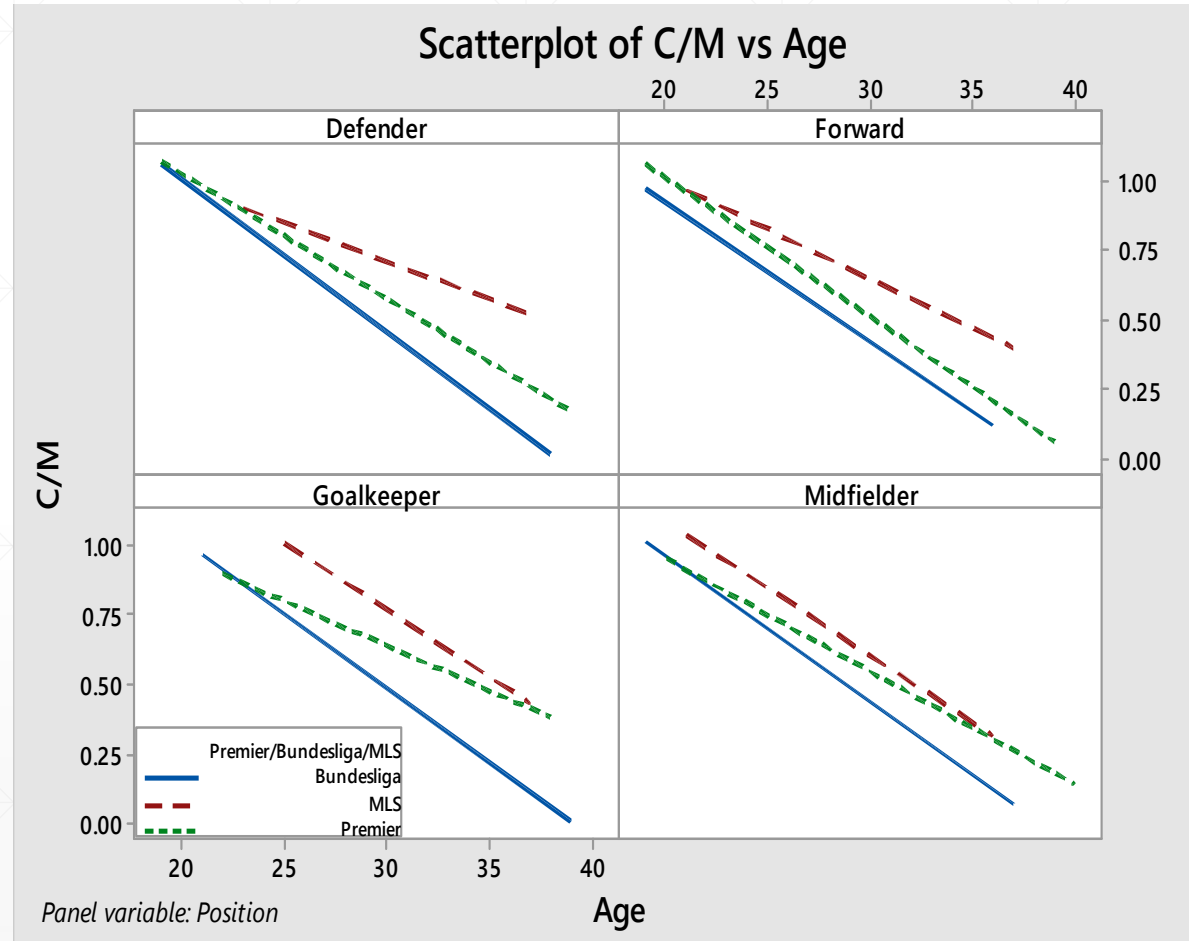


Currently In league	N	Mean	StDev	90% CI
No	751	29.134	4.196	(28.878, 29.391)
Yes	449	25.935	4.386	(25.604, 26.267)

Currently In league	N	Mean	StDev	90% CI
No	751	2.199	7.569	(1.525, 2.873)
Yes	448	8.520	15.518	(7.648, 9.393)

Currently in league refers to if a player is playing in the league they were developed

Age Of Value Decline



C/M = Current Value/Max Value

Areas Of Future Research

- Promotion and Relegation in MLS
 - Would it increase the quality of players
 - Why Bundesliga player age the worst
 - Does a successful youth team produce better players
-

Questions?

