

THE INFLUENCE OF MONEY IN FOOTBALL

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SUMMARY

1)Introduction

Why this subject ?

3)The evolution of the player market value

Money makes success

The disparities

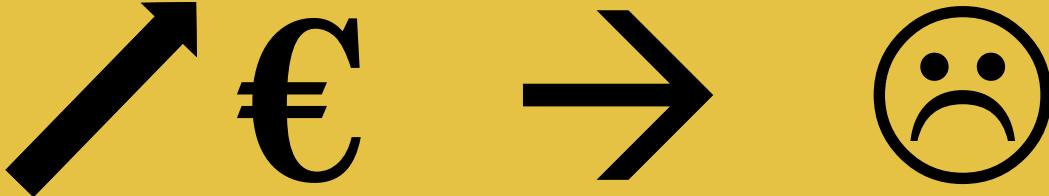
Champions League

4)Modeling

5)Conclusion



Introduction



The 5 mains leagues of Europe:

- the “Premier League” from United-Kingdom
- “La Liga” from Spain
- the “Serie A” from Italy
- the “Bundesliga” from Germany
- the “Ligue 1” from France



What is the real influence of money in the 5 mains football leagues ?

Why this subject ?

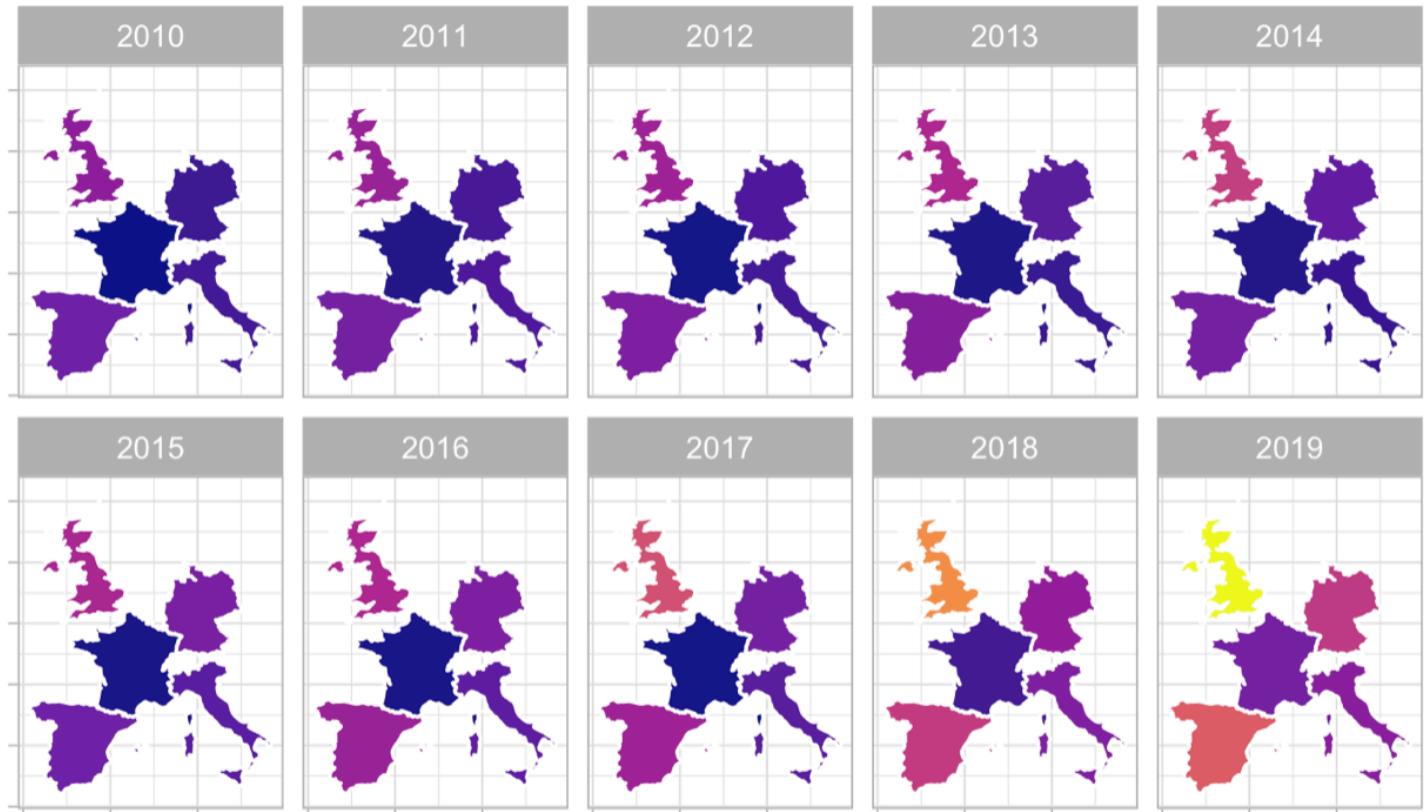
Passionate about football

→combine utility and pleasure

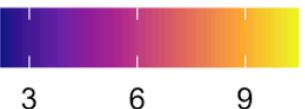


A rapid evolution of the mean market value per player

In the 5 competitive leagues of Europe



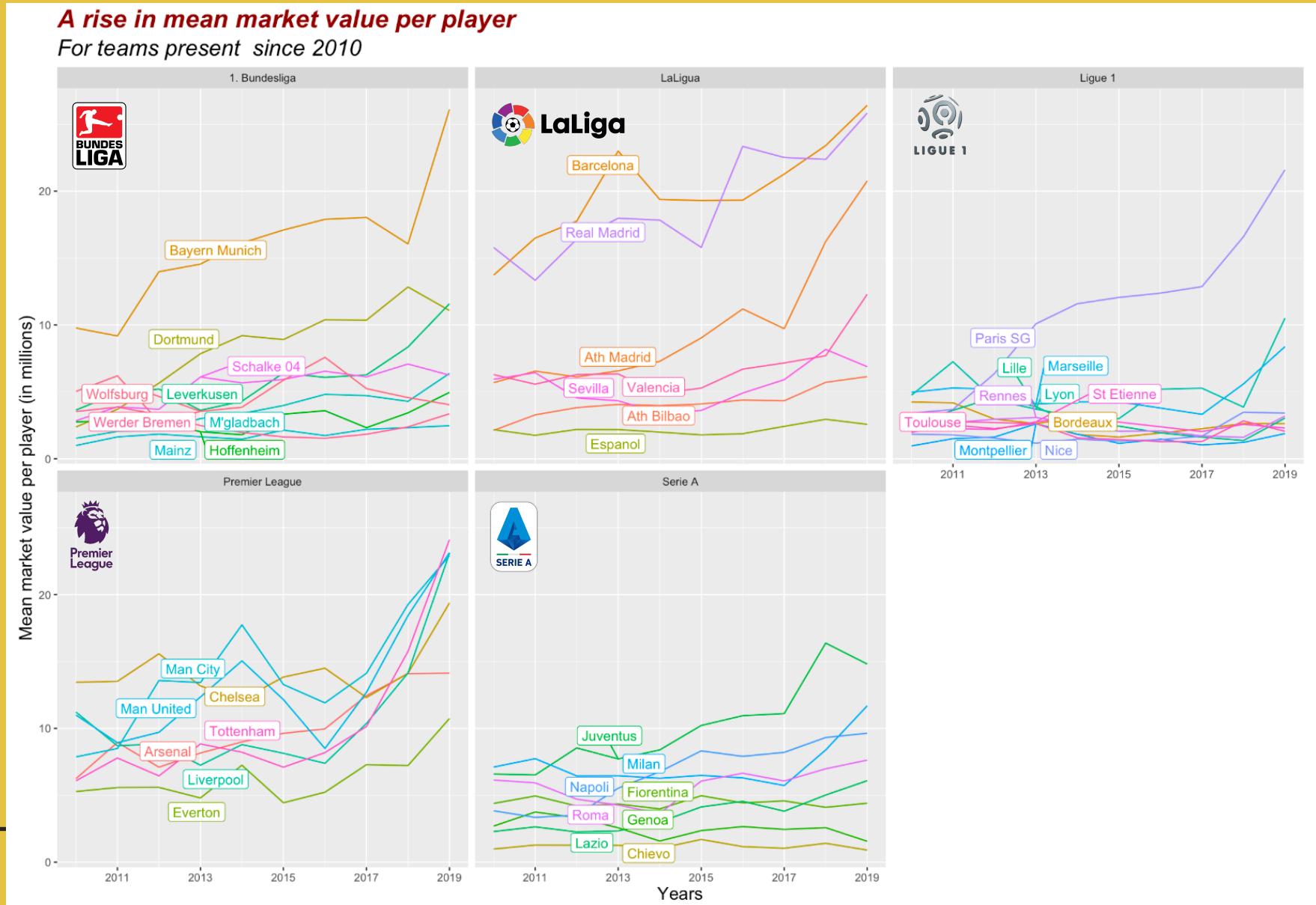
Mean market value per player (in millions)



THE EVOLUTION OF PLAYER MARKET VALUE

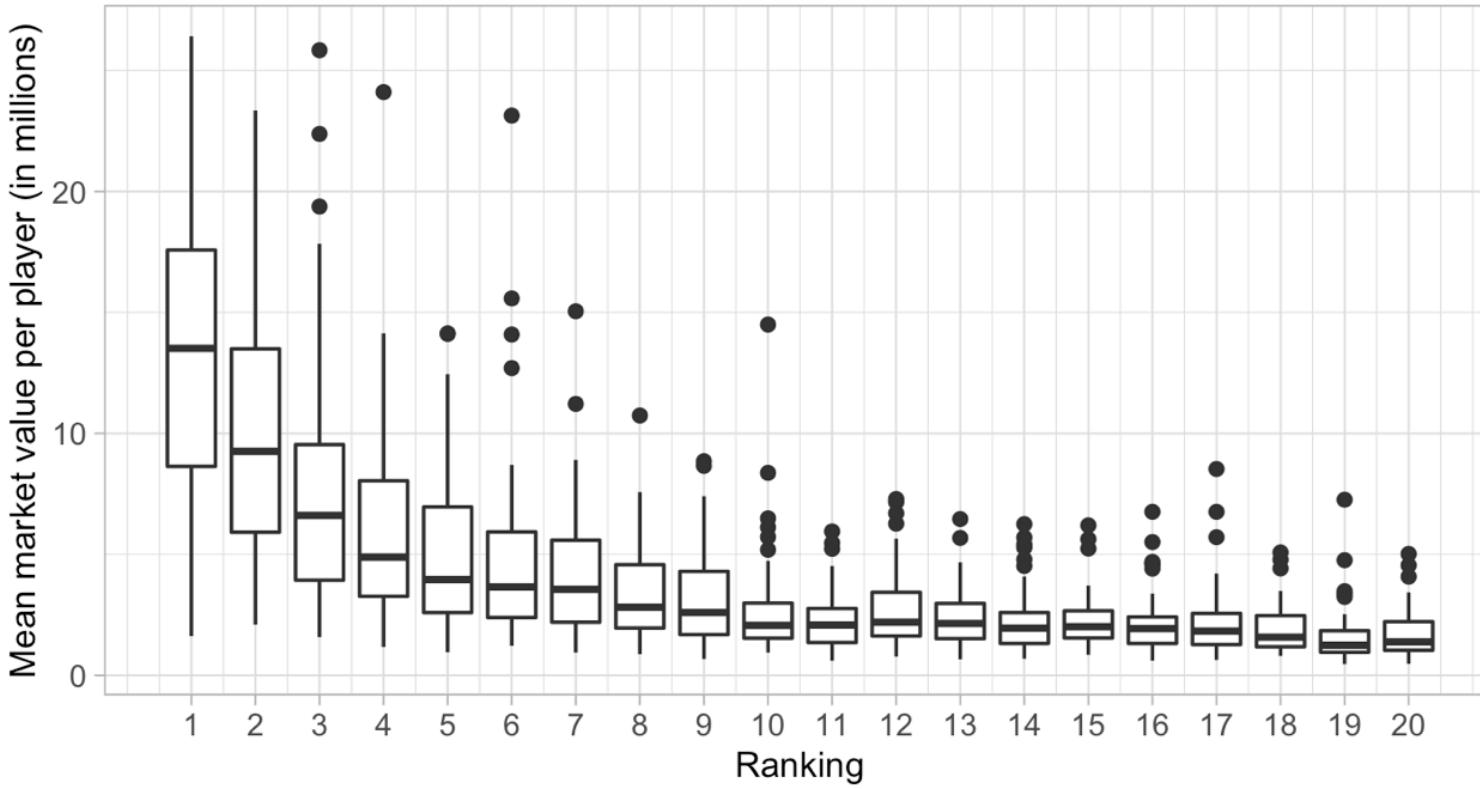
The evolution of player market value

A positive evolution in the majority of case.



The classification depends on the price of the workforce

Regarding of all the league



MONEY MAKES SUCCESS

Money makes success

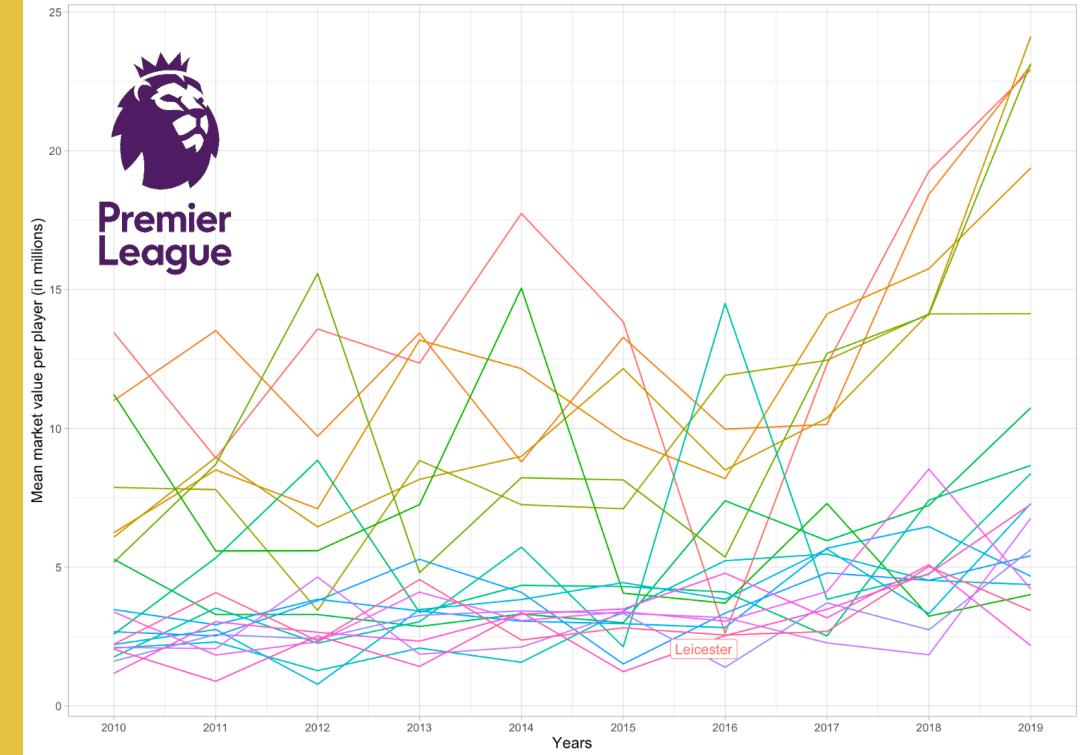
Ultra dominated championships

From 2010 to 2019



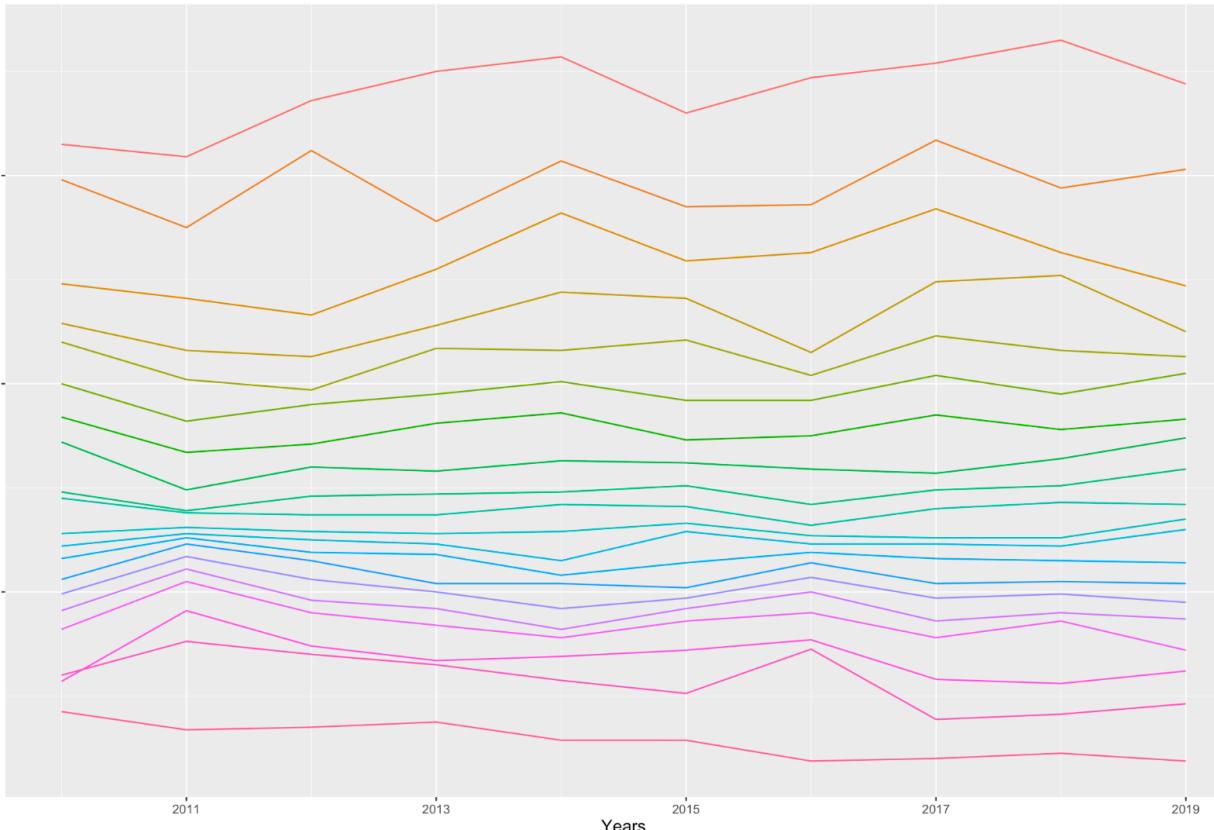
A limited impact of money

The case of the Premier League

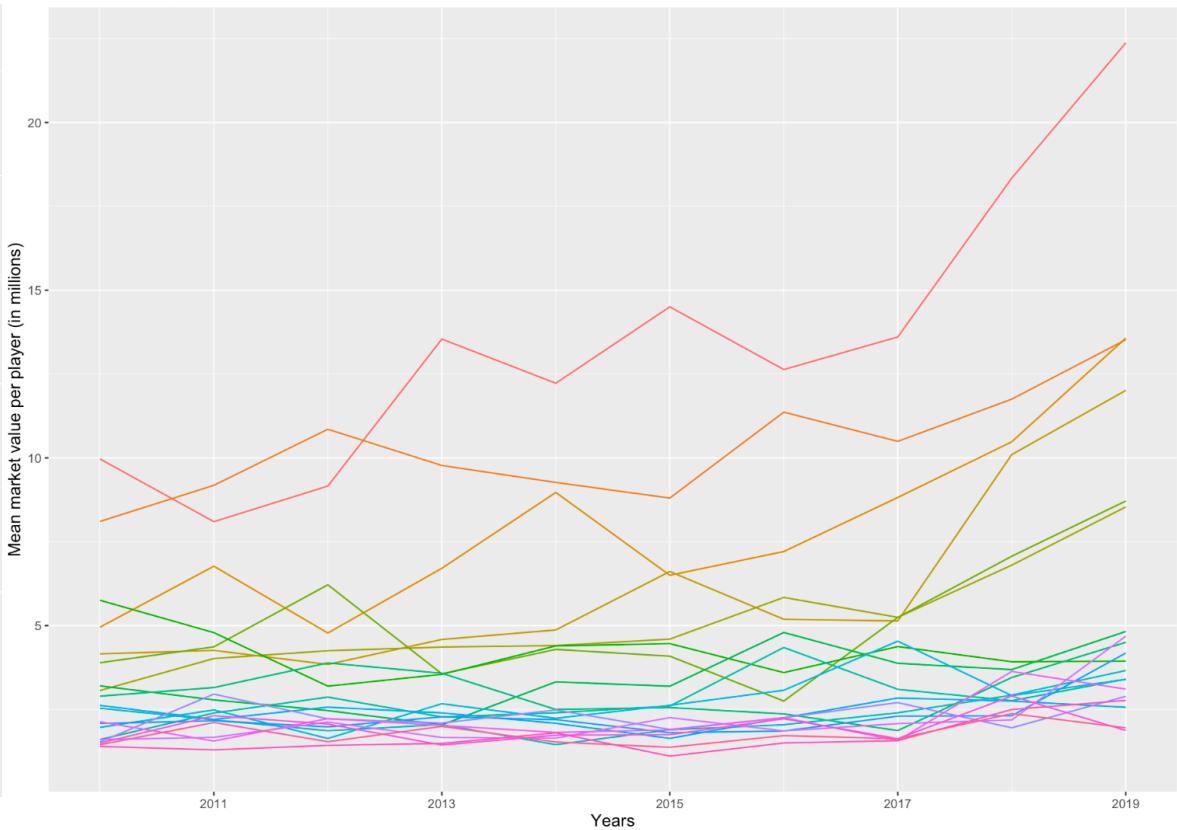


Disparities

Regarding points

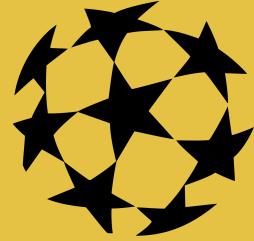


Regarding player value



DISPARITIES

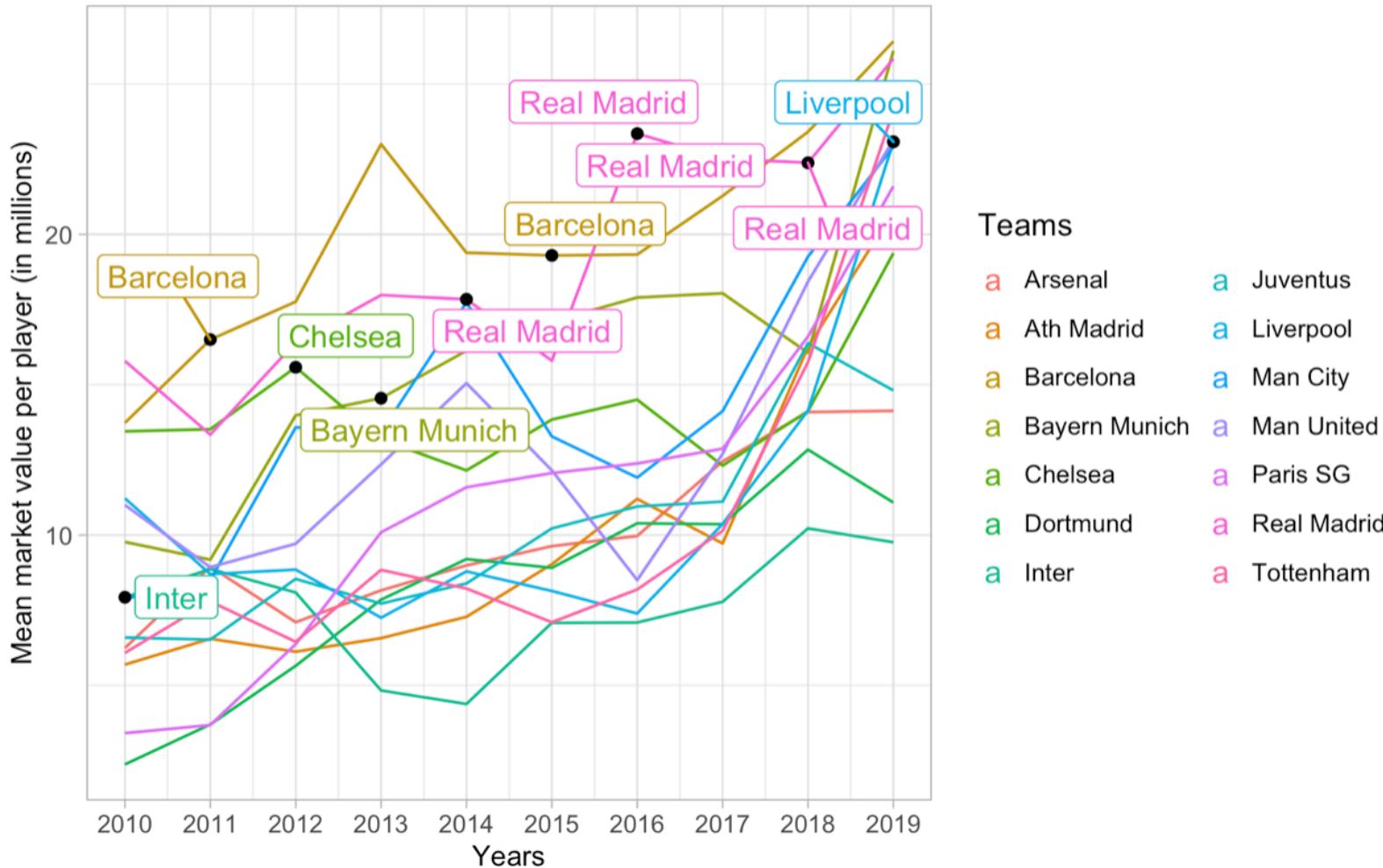
Champions League



UEFA
**CHAMPIONS
LEAGUE**

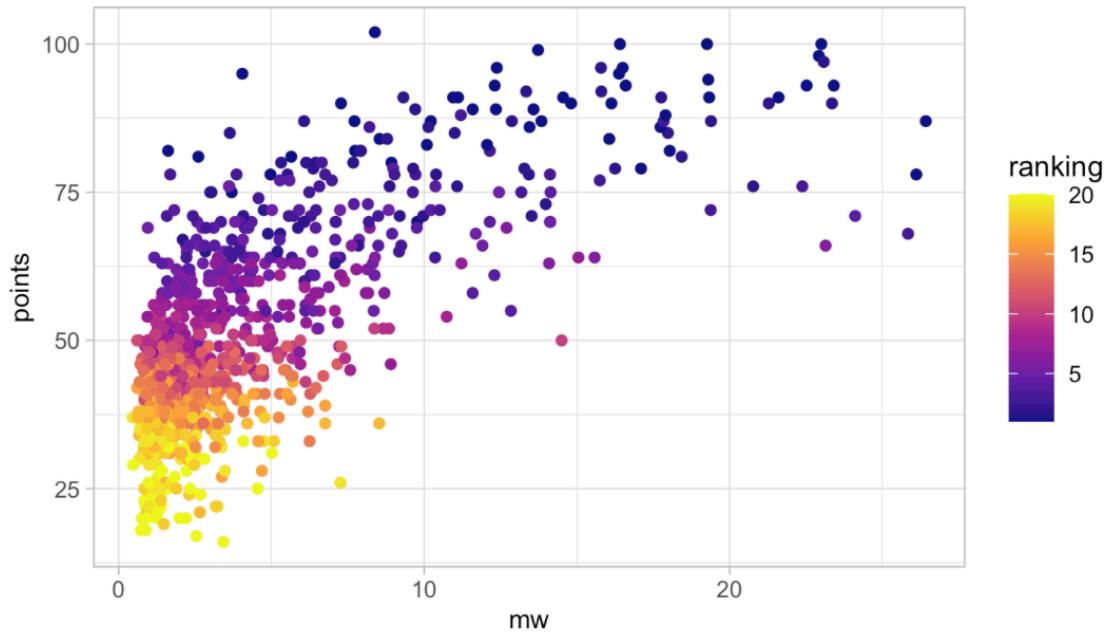
The most prestigious competition: the Champions League

Data from 2010 to 2019

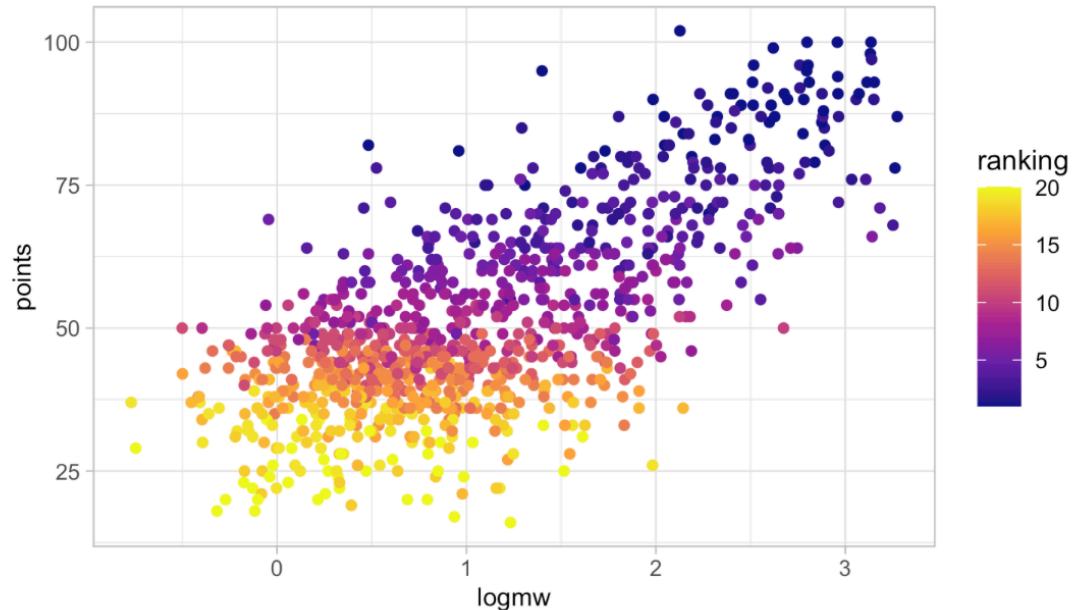


An attractive
competition

Influence of the market value in the final ranking



Influence of the log market value in the final ranking



*MODELING
PART*

Modeling parameters

```
points ~ log(mw) + name + year
```

Table 3.1: Summary of the model for Premier League

Parameter	Estimate	Standard Error	P-value	Significance
(Intercept)	969.976	258.553	0.000	***
logmw	5.791	1.111	0.000	***
year	-0.464	0.128	0.000	***
nameAjaccio GFCO	7.285	10.805	0.500	

Table 3.2: Summary of the model with points

r.squared	adj.r.squared	sigma	statistic	p.value
0.738	0.682	9.31	13.3	0

Modeling part

- Rank 20 to 10 :
 - Low market value
 - Not huge differences between market values

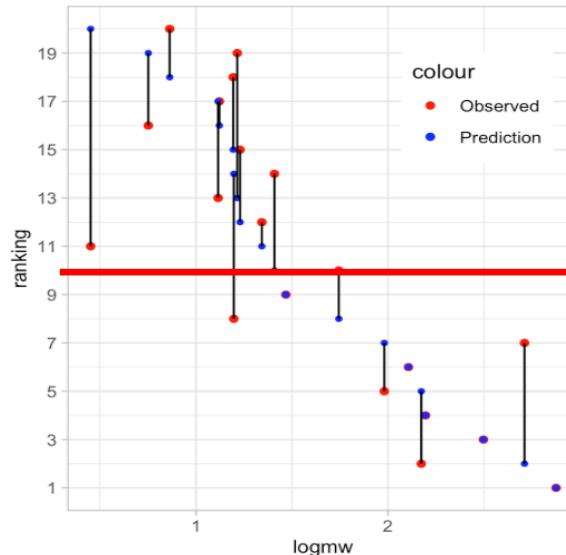
Poor Prediction

- Rank 10 to 1 :
 - High market value
 - Important differences between market values

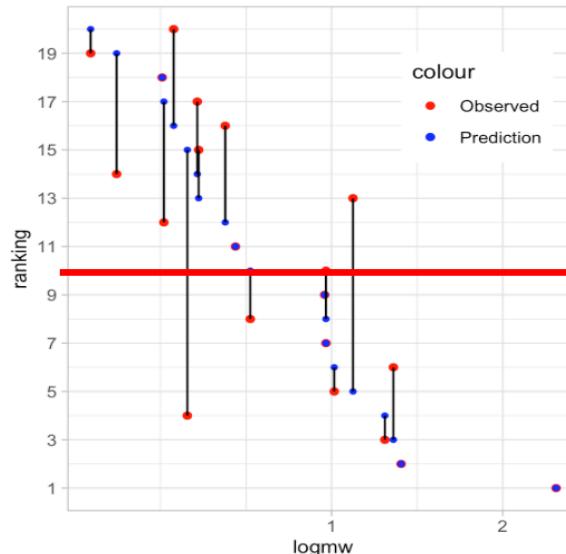
Better Prediction

Prediction ranking vs Observed ranking

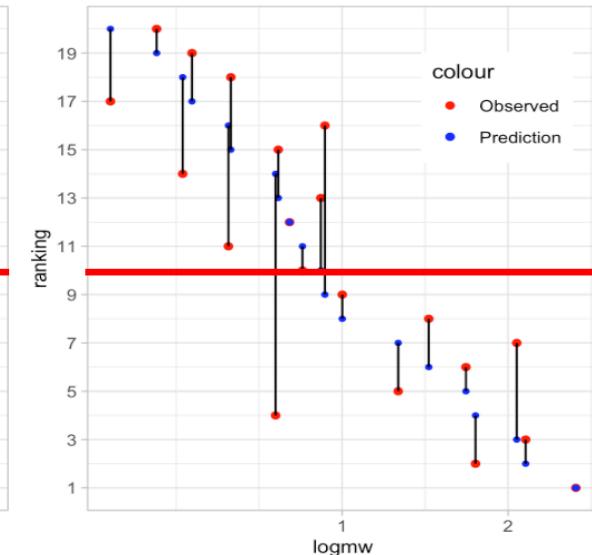
Year 2014 in Premier League



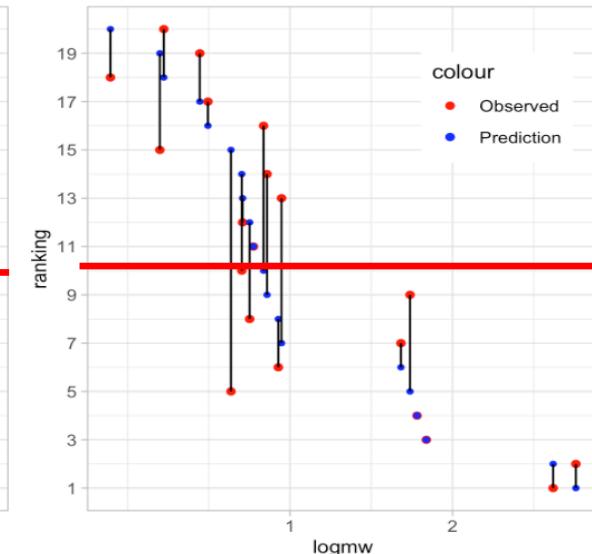
Year 2012 in Premier League



Year 2017 in Serie A



Year 2014 in Liga



CONCLUSION