

# DALAS PRESENTATION: WHY DO SOME FOOTBALL TEAMS DOMINATE THEIR LEAGUES?

ANTOINETHÉOLOGIEN, ARMAND BONN MI DAC 2024-2025

#### INTRODUCTION AND MOTIVATIONS



Some teams are winning more than others: Why?



Key factors of a football club success



Data Analysis and predictions

#### **OUR DATA**



TOP 5 CHAMPIONSHIPS



MATCHES RESULTS AND EVENTS



CLUBS DATA : PLAYERS VALUE, AGE...

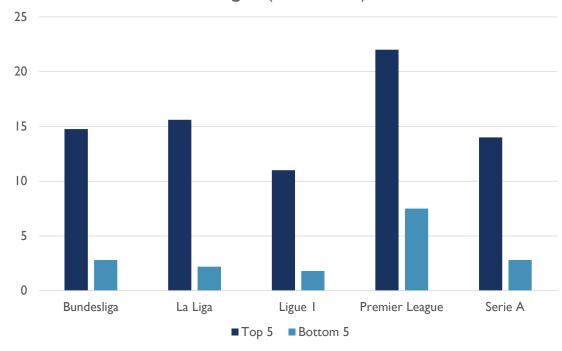


FOCUS ON 3 SEASONS : FROM 2021 TO 2024

## FIRST FEATURE : MARKET VALUE

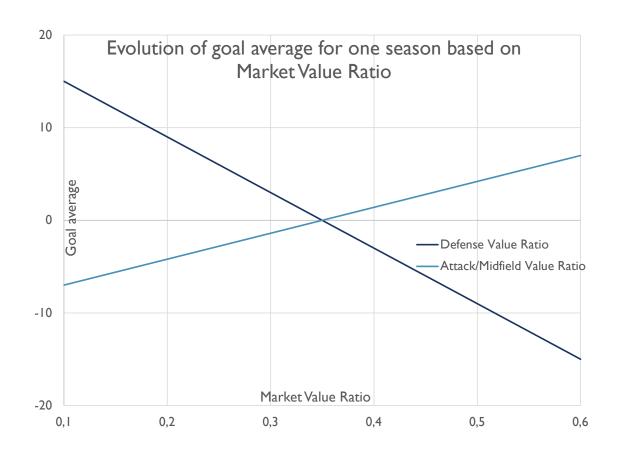
- Obvious but true : money creates victory
- For every championship, richest clubs finish higher
- But not a guarantee!

### Average Team Value of Top and Bottom 5 for each league (2021-2023)

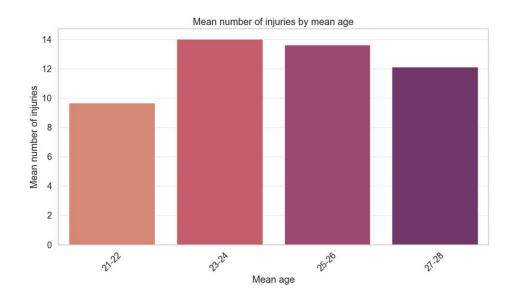


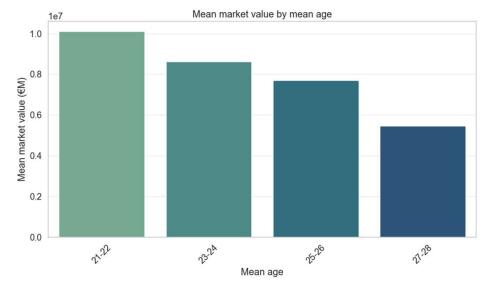
#### INVESTMENT IN DEFENSE : NOT A GREAT SOLUTION

- If defense value higher than attack value : less goal scored
- Prioritize investments in attackers or midfielders
- Which kind of players should be bought?



#### FOCUSING ON YOUNG PLAYERS: NOT THAT USEFUL



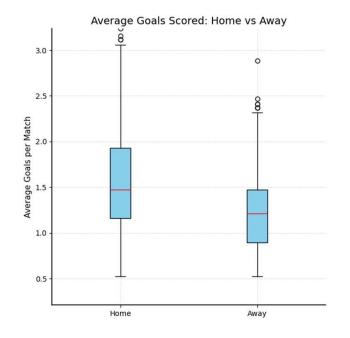


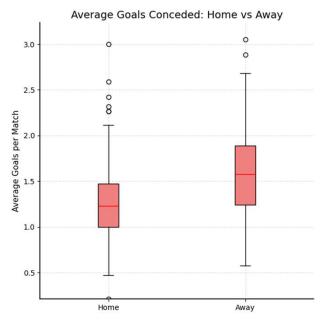
Young players are not particularly prone to injuries

They also cost much more than the older ones

#### IS IT BETTER TO PLAY AT HOME?

- Fast answer :YES!
- Home teams score more and conced less
- Best teams win more on away match



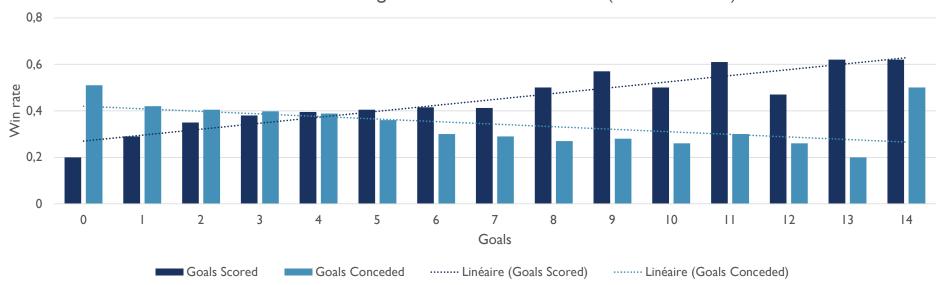


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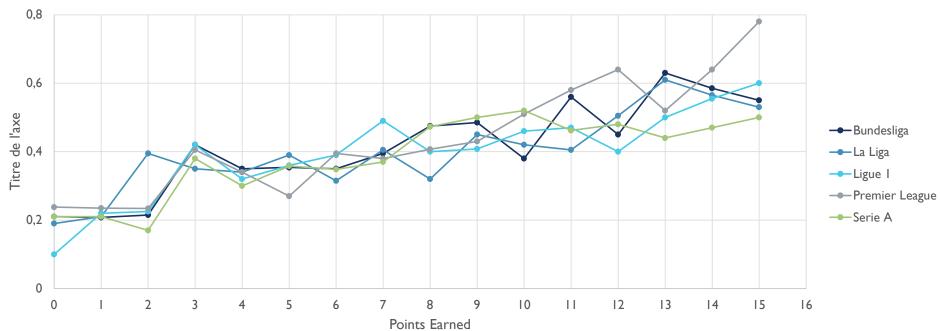
#### ONE OF THE MOST IMPORTANT FEATURE: TEAM FORM

Win Rate relative to goals scored and conceded (last 3 matches)



#### SAMETENDANCY IN EACH LEAGUE

Win rate based on the general form for each league (5 last matches)



#### **OUR PREDICTIONS**



ACCURACY OF WINNING PREDICTION: 72 %



DATA EXPLAINED BY OUR FEATURES : TEAM FORM, MARKET VALUES ON EACH POSITION



MOST IMPORTANT VARIABLE : CLEAN SHEET POTENTIAL

#### CONCLUSION

- Main features explaining a win : Market Value, Team form and Clean Sheet Potential
- To improve your results : invest on attacking players, less in defence
- There is a great part of uncertainty: that's what makes it beautiful!

