

FIFA 18

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Flow - structure.

- Deciding which project to take given the variety of datasets - which ones provided more opportunities for learning.
- Audience Analysis - It was a little unclear who the primary consumer of my dashboard would be
- Data acquisition and cleaning. The standard protocol for data cleaning and for importing into Tableau.
- EDA
- Coming up with questions.
- Creating the visuals and dashboard.

I chose the **FIFA 18 Dataset**.

Questions

- Whats the geographic distribution of players and nationality - wise analysis of attributes?
- Which Countries or Clubs have the best player ratings and Identify best 10 clubs and countries in terms of overall player performance.
- Whats the relationship between wage and age? What is the prime age?
- Whats the relationship between Wage, Value, and Age?
- Which attributes are optimal/ best for each position?
- What are the 1. Top five players by position, 2. Top five players overall, and 3. Top 5 clubs by player attributes.

Biggest challenges.

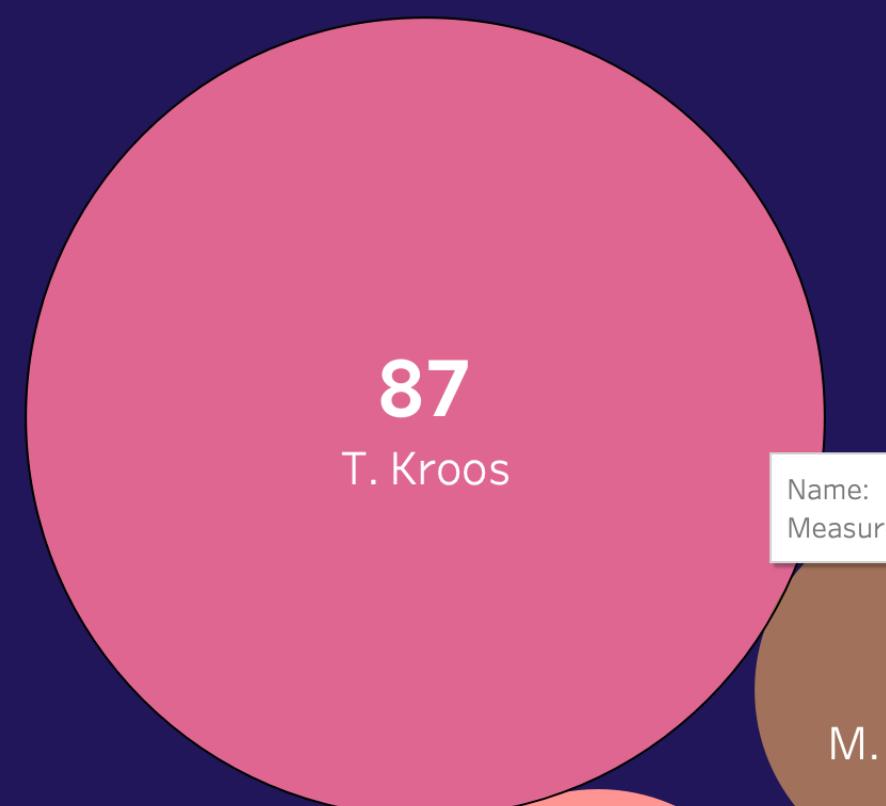
1. The dataset is quite old. Most of the image links are missing, some country (nationalities) are incorrect.
2. Learning curve for Tableau is quite steep.

What would you do if you had a bit more time?

- Do more data cleaning and fix missing links.
- Obtain a more recent dataset (FIFA 23)



FIFA 18



Position
CM



FC Barcelona



Juventus



Real Madrid CF



FC Bayern Munich



Paris Saint-Germain

83

82

81

79

78



94

Cristiano Ronaldo



93

L. Messi



92

M. Neuer



92

Neymar



91

R. Lewandowski

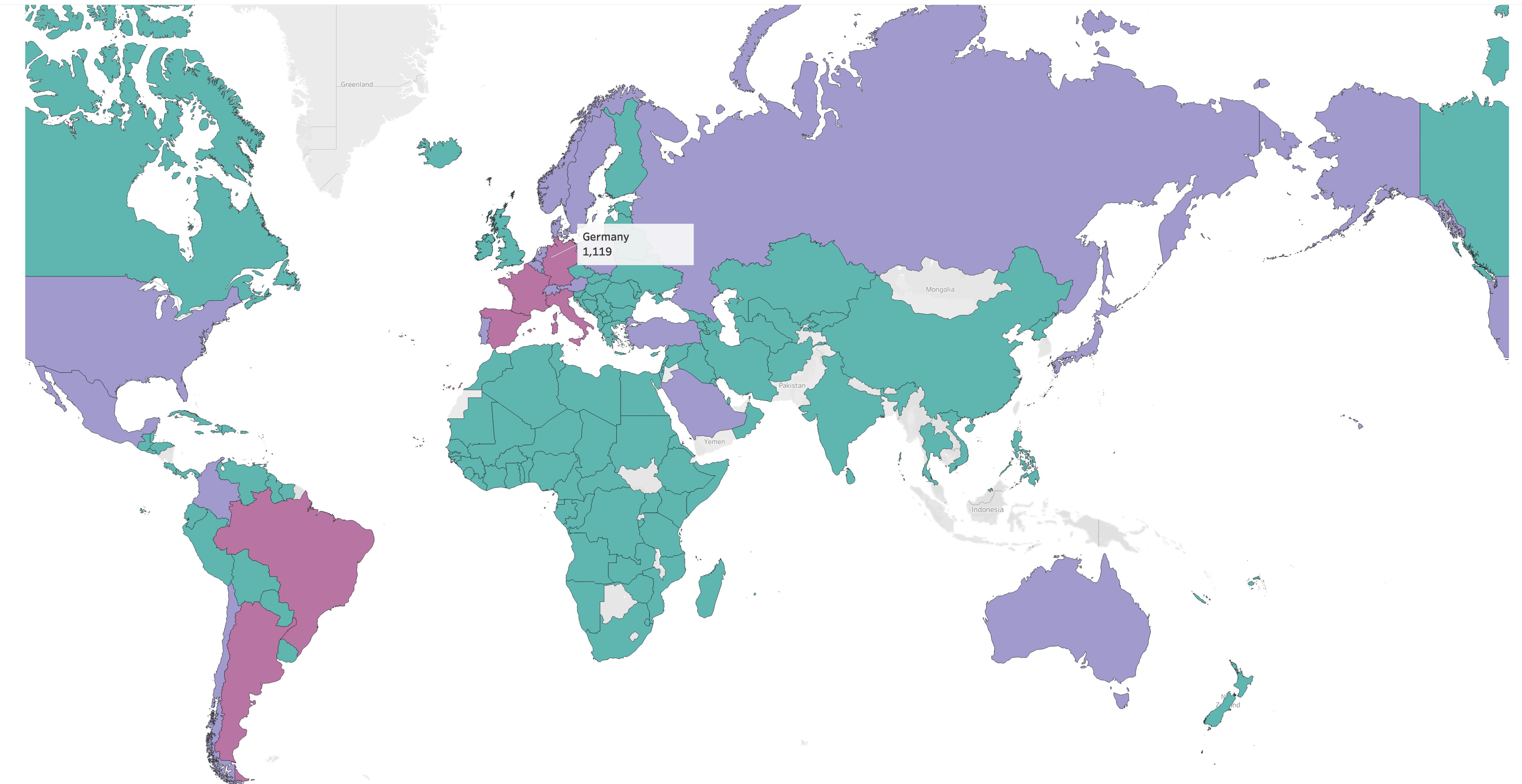
Player Distribution By Country

Clusters

Cluster 1

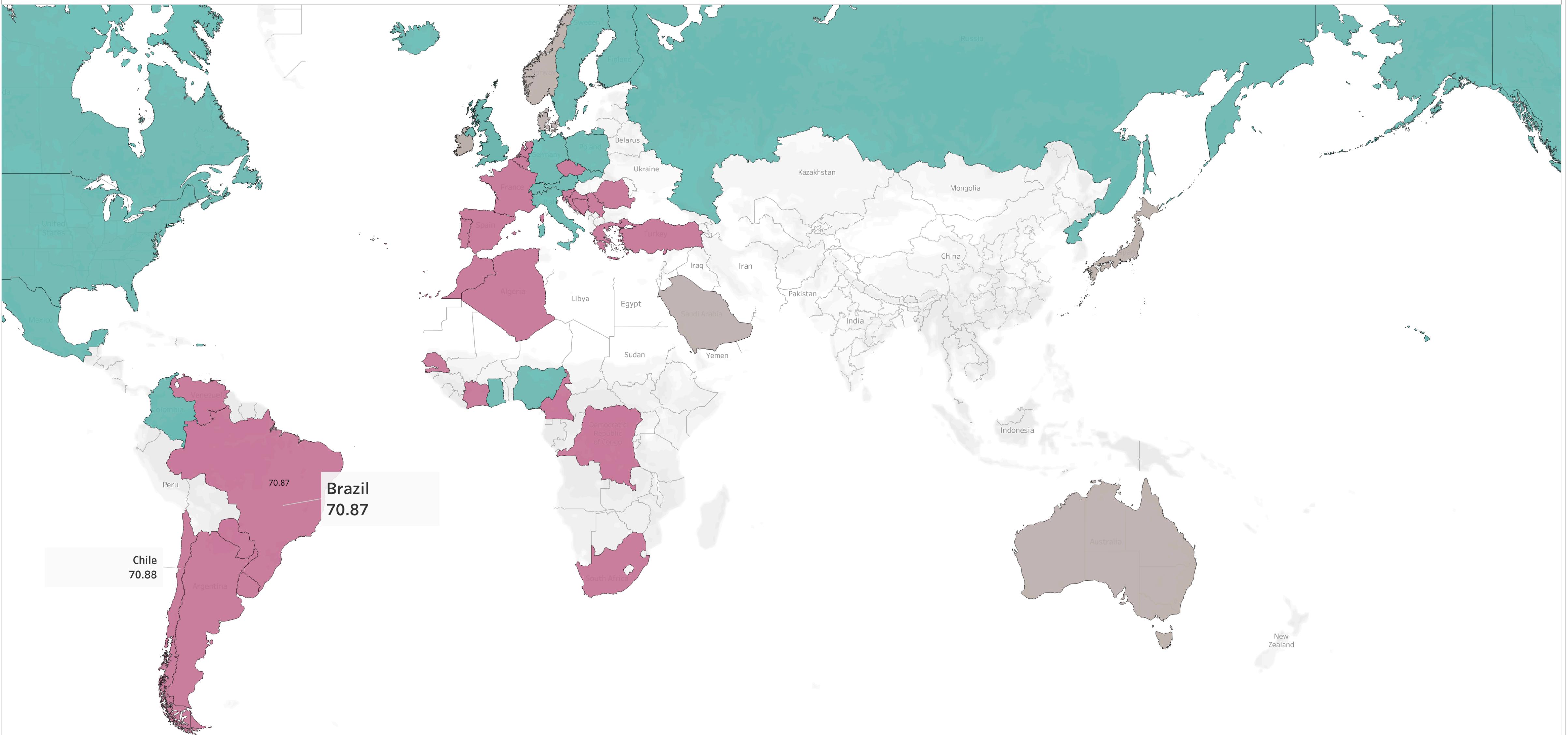
Cluster 2

Cluster 3

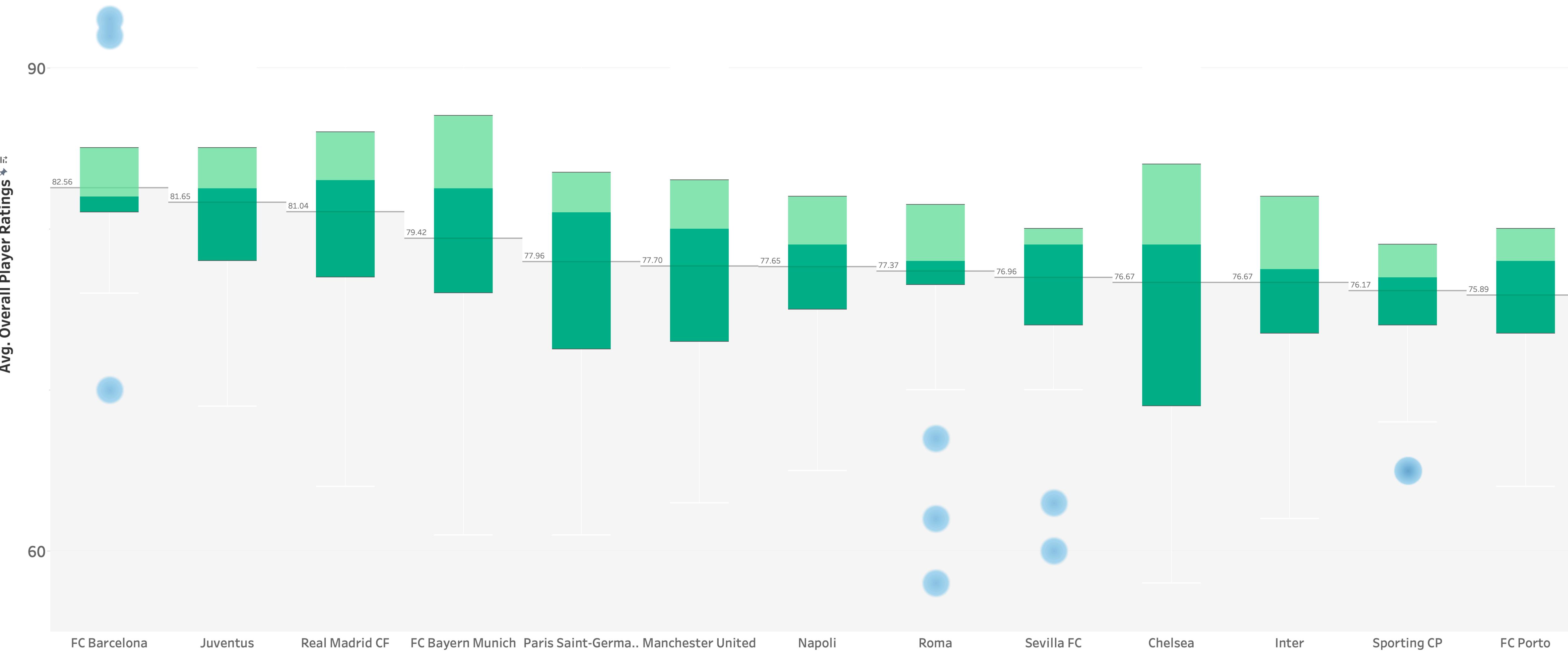
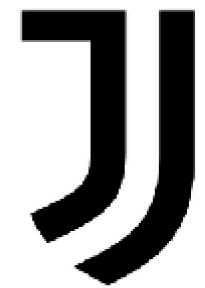


Average Artiributes By Nationality

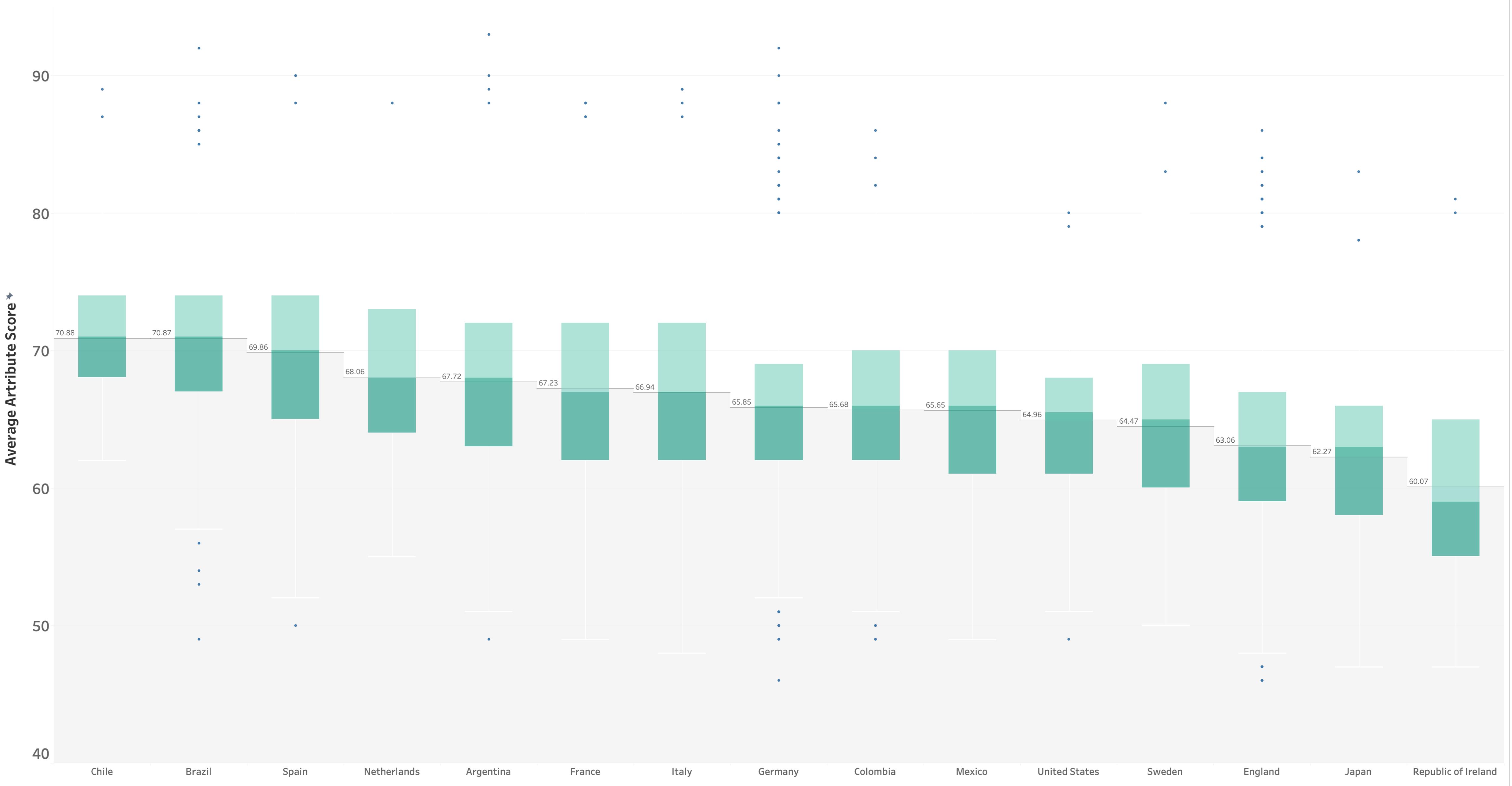
Attribute --> Label
Overall
Select Cluster
Cluster 1
Cluster 2
Cluster 3



Average Player Ratings By Club



Average Artribute Score By Country



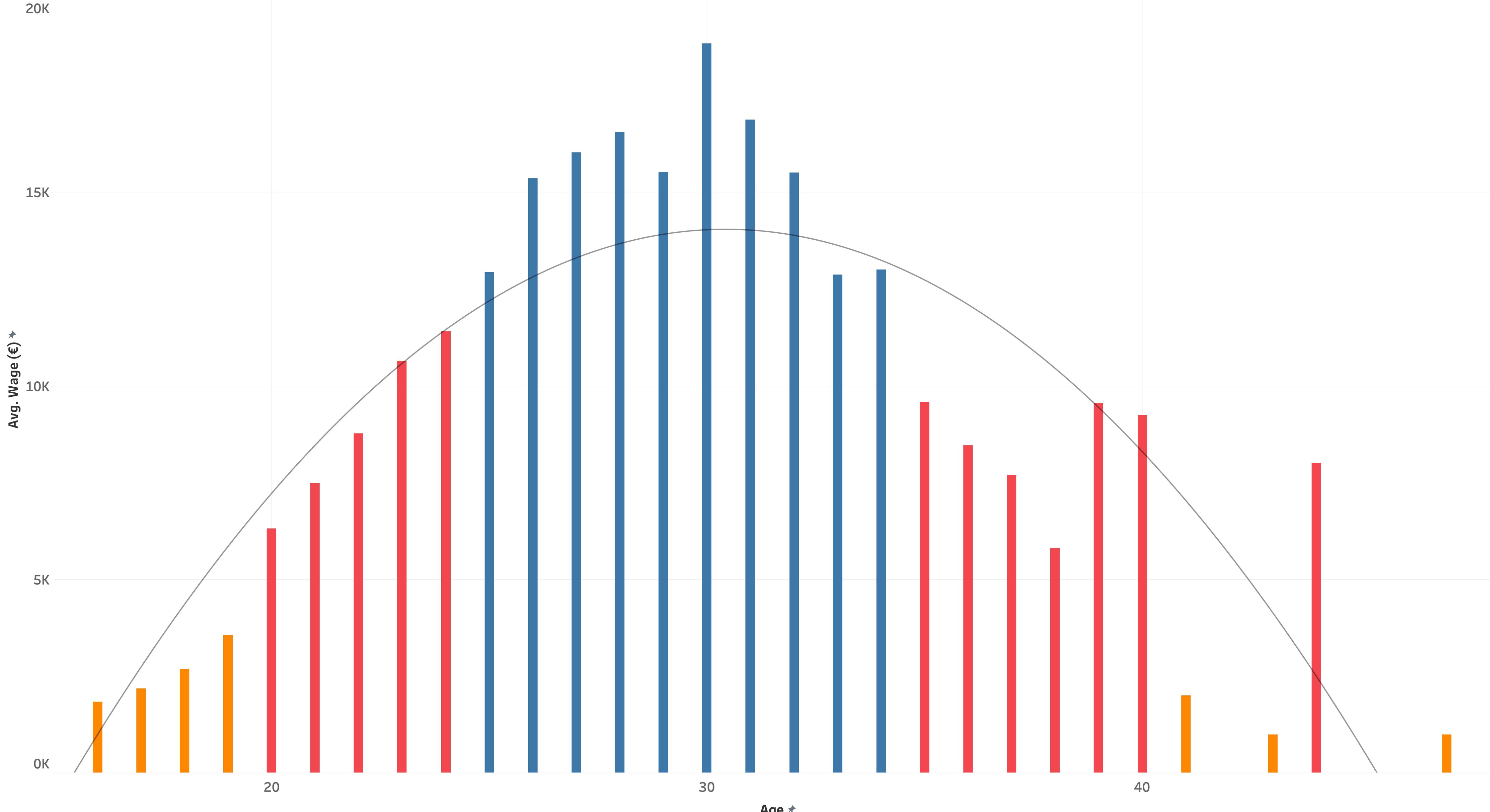
Wage Distribution By Age

Clusters (2)

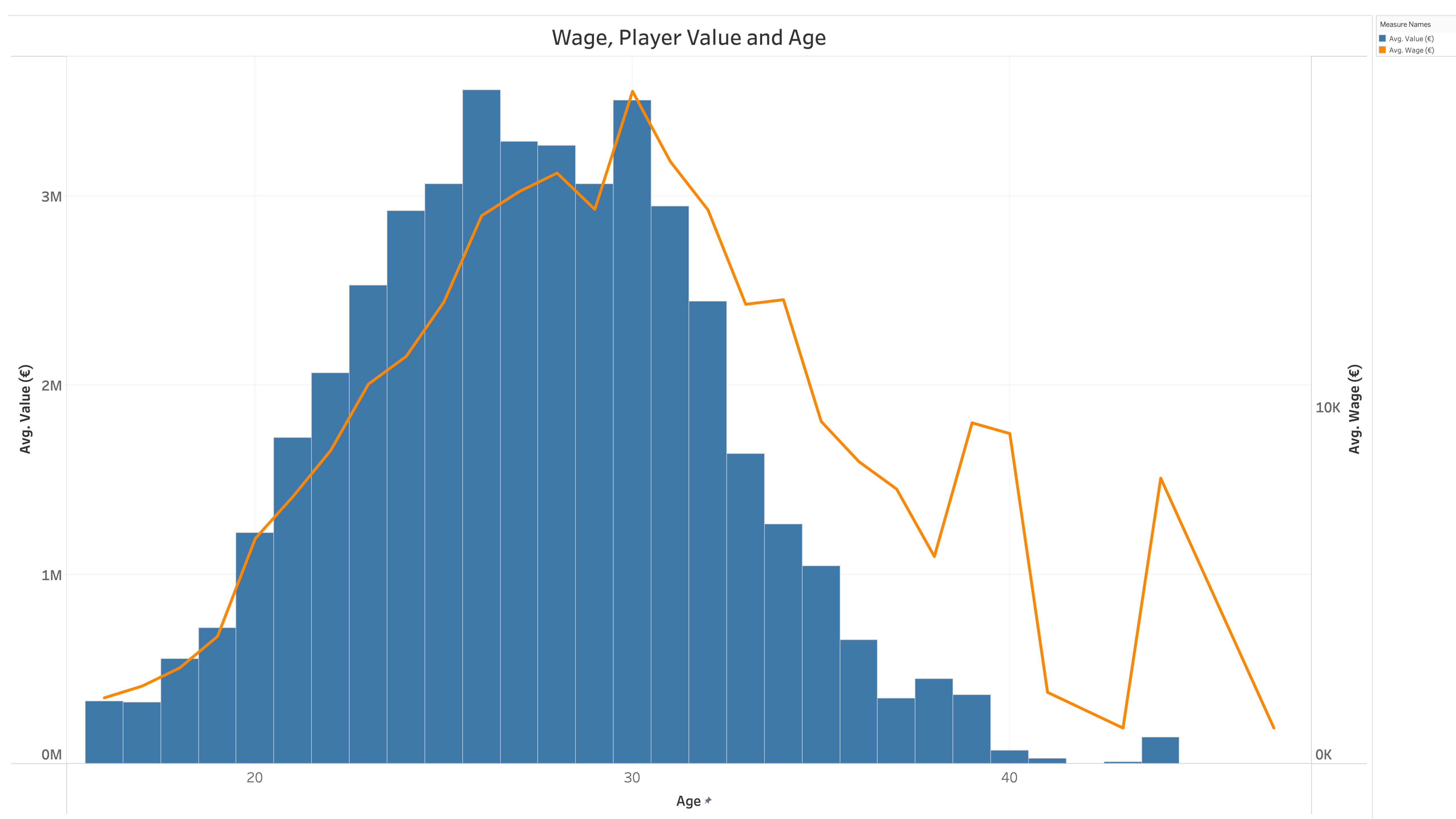
Cluster 1

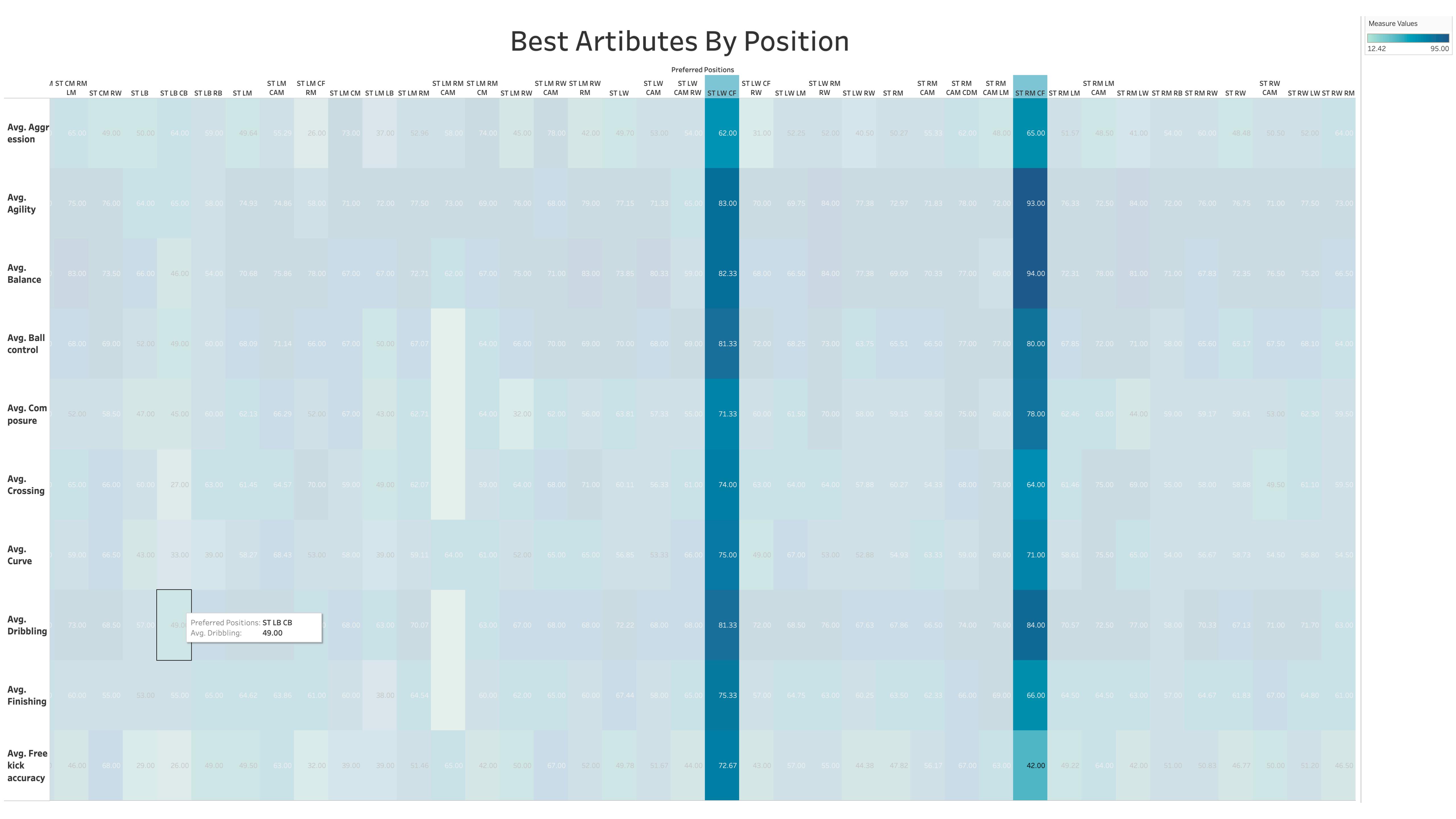
Cluster 2

Cluster 3

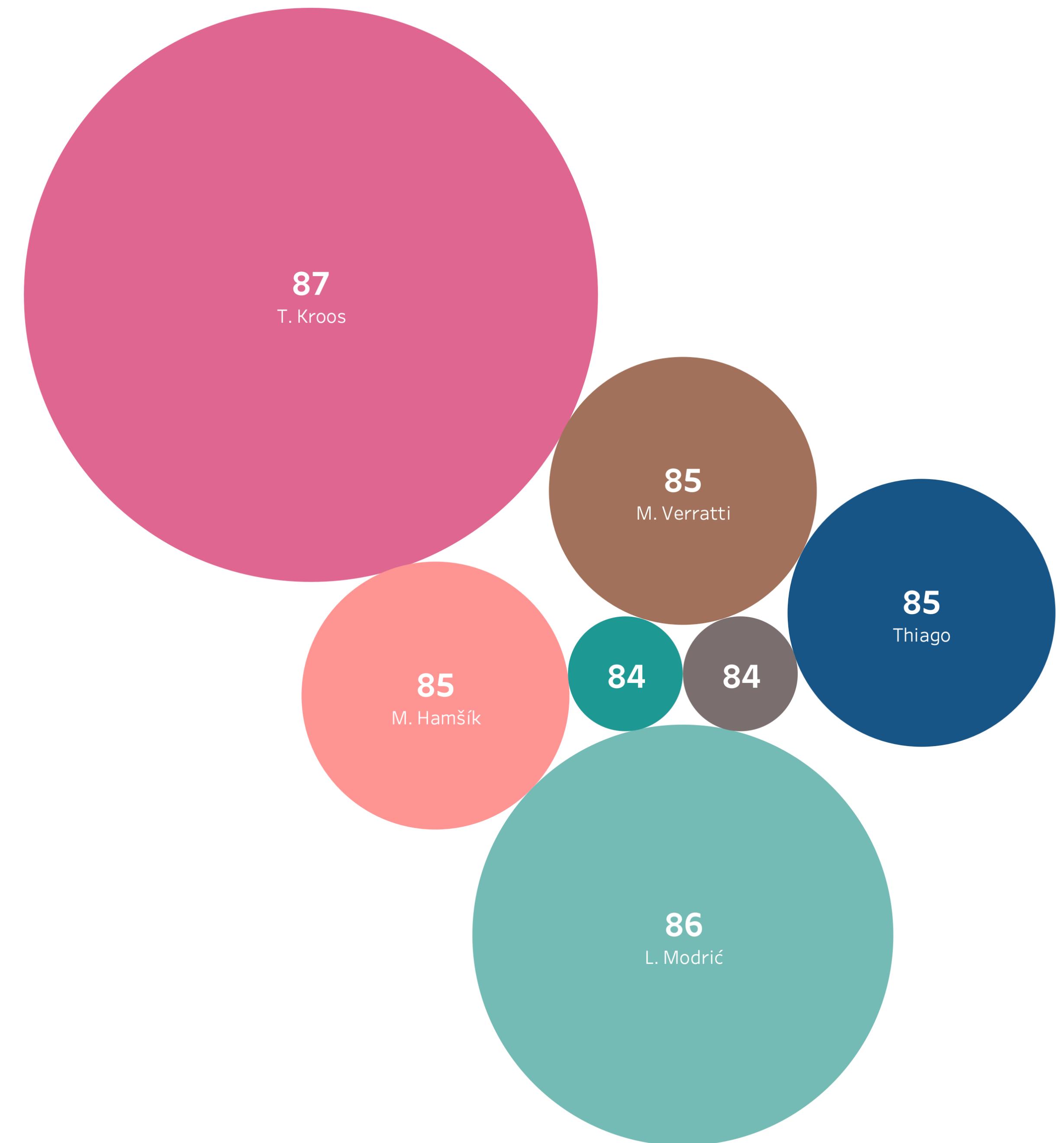


Wage, Player Value and Age





Best Players By Position



Preferred Position -->
CM
Name
I. Rakitić
Iniesta
L. Modrić
M. Hamšík
M. Verratti
T. Kroos
Thiago

Top 5 Players



94

Cristiano Ronaldo



93

L. Messi



92

M. Neuer



92

Neymar



91

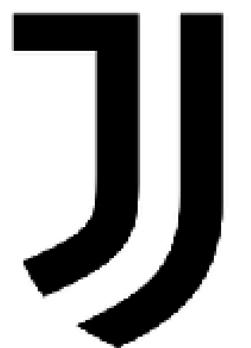
R. Lewandowski

Name
Cristiano Ronaldo
L. Messi
M. Neuer
Neymar
R. Lewandowski

Top 5 Clubs



FC Barcelona



Juventus



Real Madrid CF



FC Bayern Munich



Paris Saint-Germain

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