

İTÜ

Faculty of Management

Department of Management

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Topic : Football Player Market Value Prediction Using Machine Learning Techniques

Student Number : 070130262
070140217

Name and Surname : Ahmet Talha YİĞİT
Barış SAMAK

Supervisor : Assoc. Prof. Dr. Tolga KAYA

We would like to thank to all of our lecturers for the education we received in this faculty. And we are grateful for our families and friends for being with us all the time.

ABSTRACT

Sports analytics is a field that is growing in popularity and application throughout the world. Improvements in this field is causing huge effects and changes in various sports fields. Applications of advanced statistical methods, machine learning and artificial intelligence is destined to change the world drastically. However, association football is the one field that is still behind in applications of these methods. One of the possible applications for this industry is the valuation of football players. Valuation of football players is still a huge problem for the fast growing football industry. Even the biggest clubs in the world are making disastrous financial decisions when acquiring or selling players. This project aims provide a better solution for this problem by using machine learning techniques. Benefitting from the database of football players from the Football Manager simulation game which is seen as the largest and most trustworthy database of football players in the world by the industry allows building a model that values players mainly by using their normalized abilities. Using player's abilities as inputs and their market values as output allows for machine learning models to be built. Since current valuations are based on in-field performance statistics, values of players vary greatly with time and with different circumstances. This leads clubs to make bad decisions on valuing players. Using different machine learning models, this project presents the industry with an alternative way to value players. This alternative can be described as the intrinsic value of players since it aims to value players using their normalized abilities. Having this intrinsic value for every player, the rest of the judgment can be made by the club and can allow them to make better decisions in the transfer market.

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1. INTRODUCTION

1.1 The Need of the Market

Throughout the 20th century, a sport branch named football spread across the world and became the most popular form of sport and one of the most popular forms of entertainment. However, it was the 21st century that football expanded greatly as an entertainment sector. Due to the new communication technologies, more and more football fans or football consumers started to join and the football economy became more and more huge.

This expansion reflected itself on sponsorship deals, television deals and most importantly market value of football players. Trevor Francis of Birmingham City in 1979 was the first 1 Million Pound player in the history of association football. After that, it could only go up (Doyle, 2018).

Today, the most expensive 100 transfer fees in the history consist of transfers mostly after the year of 2010. Considering the biggest football clubs in the world are publishing record breaking yearly profits and this highly marketed profitable machine that we call football are just reaching out to the big markets like China and U.S.A.; one can only imagine the future record breaking transfer fees (The Longer View: Football transfers, 2018).

However, in today's football world; values of players are still highly judgmental and fragile. Even the biggest clubs in the world with the highest level of resources are buying players for fees that they regret later. At the same time, an unexpected player can breakout and become the savior of his small club by completing a transfer for high fees.

Considering the amount of money floating in the industry and not so well success rate of transfers, it is obvious that valuing football players is still a problem that better solutions addressing this problem will be much appreciated by this rapidly growing industry.

1.2 Aim of the Project.

The aim of this project is to provide a valuation model for football players using machine learning techniques that hopefully provide a better guideline for the clubs in the world of football. A model that values players using their normalized abilities and relatively free from the environmental variables is expected to be built which hopefully will provide better results than current models that are reliant on in-field game statistics. Considering the amount of money in the industry, a model using the latest developments in the area of data analytics and machine learning should address a huge problem for the industry and could be a highly valuable financial leverage for the clubs looking to expand their successes and profits.

2. LIETRATURE REVIEW

2.1 Sports Analytics

The story of analytics is not an old one. At the same time, the story of analytics in sports is even younger. This story goes as long as 1977, when a book named “Baseball Abstract” was introduced (Silva, 2016). Since then, as a sport baseball held a significantly important place in this field. After the first introduction years, sports analytics grew bigger and have been implemented in a lot of different sports regarding different problems. The world’s attention for this growing field came with a 2011 movie called “Moneyball” which was based on a book titled “Moneyball: The Art of Winning an Unfair Game” by Michael Lewis (Miller, 2011). Although statistics in sports was already in work, the improvements in technology gave acceleration to this field. Today it is the most popular topic and an area of argument in sports. From here, it is only destined to go bigger.

2.2 Football Analytics

Even though football is and has been the most popular sport, in the field of analytics it was always behind others. Since sports analytics started with baseball in the United States, other sports that followed this path were sports that were popular in the United States. Football was never one of them. Today, still there are traditional metrics which are being used excessively to understand the beautiful game. New metrics are just being introduced and still have not been able to prove their worth. These new metrics have been introduced in a couple of different fields including; training, tactics, performance tracking. However, coming up with a transfer value in terms of currency is still a task that needs new perspectives. For that reason, analytics in football is even a newer field that still has a lot of room for further developments.

2.3 Football Player Valuation

Valuation of football players was and still is a huge problem for this growing industry. The scope of this problem is complicated. In other sports where analytics are more advanced, tracking in-field data and advanced metrics that were created by using this data has enabled the application of analytics to find an estimation of the

true value of players. However, so far the normalization of the in-field data has not been able to totally succeed for this complicated game and therefore have not yet allowed clubs to successfully value players and make smart moves in the transfer market.

Other dimension of this problem has to be an economic one. Since the market powers of demand and supply are constantly in motion, the value of a football player has to depend on these market powers as well. However using advanced analytics techniques, a valuation model that can later be adjusted to the inflation is and can be possible. Another approach that can be used to value players can be financial one. Calculating the net present value of a specific player can be another way to find the true value of players.

However, the developing field of sports analytics can provide an answer for this problem. Valuing players using their talents or a combination of their talents can be a viable solution for this problem. In cooperation with the IT University of Copenhagen, scientists from the University of Liechtenstein conducted an algorithm to address the same problems mentioned above (How much is a footballer really worth?, 2015). KPMG, in collaboration with OptaSports which is the leading company in the field of football analytics, developed a benchmarking model to value players (Methodology Player Valuation, 2018). These shows that valuing players using objective, normalized talent-based metrics by preventing overvalued and undervalued players is an area of interest and research regarding football analytics.

2.4 Football Manager: Where Sports Analytics and Gaming Meet

Football Manager is a football management simulation game developed by Sports Interactive and published by Sega. Since 1992, the game was published every year (Football Manager: More Than Just A Game, 2010). When this game was developed, football world was still a stranger to analytics. It was not one of the goals of the game either. However, since the natural aim of a simulation is to make it as real as possible; throughout the years, the database that Football Manager possessed became the most advanced and detailed one in the football world. When the attention of football world turned to analytics, the game found itself in a vital position for further business opportunities. The news agency VICE described Football Manager as ‘the

world's most influential video game.' 'Sports Interactive have created something so real it has professional applications.' Some of the scouts of the game went on to become chief scouts at Champions League clubs. Players of this game landed jobs in real clubs. Brian Prestige, former data scientist at Bolton Wanderers comments about the game database as 'It is, without a doubt, the greatest resource in terms of granularity and of coverage across the world,' The influence of this game in the real world can be described as "football analytics before football analytics" (Blickenstaff, 2015). Since then, Premier League clubs signed agreements to reach the full database of this game.

3. METHODOLOGY

The roadmap of this project is one that should be effective in terms of the aim of this project. Firstly, the data that will be used will be collected. After that, analyzing this huge data; shaping and manipulating it into a form that gives the best answer to the problem will be conducted. Finally, having the necessary and appropriate data; will allow us to build machine learning models that aims to estimate the value of the players. Different supervised models that suits with the needs of the project will be built evaluated and judged. Selecting the best model fit for this problem and discussing the results of the study will be the final step for this study.

3.1 Multiple Linear Regression

In this method, a line using the coefficients and variables will be used to fit the best line to the dataset.

$$Y = \beta_0 + \beta_1 X_1 + \beta_2 X_2 + \dots + \beta_p X_p + \epsilon \quad (3.1)$$

The ideal combination of coefficients that minimizes the *residual sum of squares* (RSS) will be fitted to the dataset.

$$RSS = \sum_{i=1}^n (y_i - \hat{\beta}_0 - \hat{\beta}_1 x_{i1} - \hat{\beta}_2 x_{i2} - \dots - \hat{\beta}_p x_{ip})^2 \quad (3.2)$$

To find the best subset of variables for the regression model shrinkage methods will be used. The below algorithm belongs to *lasso regression method* which minimizes coefficients of lesser important variables. The lambda (λ) parameter which minimizes the mean squared errors will be selected.

$$\sum_{i=1}^n (y_i - \beta_0 - \sum_{j=1}^p \beta_j x_{ij})^2 + \lambda \sum_{j=1}^p |\beta_j| = RSS + \lambda \sum_{j=1}^p |\beta_j| \quad (3.3)$$

Another shrinkage method that will be used is the *ridge regression method*. As can be seen in below equation, this method is highly similar to *lasso method*. The coefficients of the lesser important variables will be zero.

$$\sum_{i=1}^n (y_i - \beta_0 - \sum_{j=1}^p \beta_j x_{ij})^2 + \lambda \sum_{j=1}^p \beta_j^2 = RSS + \lambda \sum_{j=1}^p \beta_j^2 \quad (3.4)$$

In regression model building, the check for interaction terms to see if there are any will also be added. Because two different variables can be in interaction with each other. Using the below equation, the algorithms checks if there are any statistically significant interaction terms which can make the model stronger.

$$Y = \beta_0 + \beta_1 X_1 + \beta_2 X_2 + \beta_3 X_1 X_2 + \epsilon \quad (3.5)$$

3.2 Decision Trees Model

The second model that will be built is decision tree based model. Decision tree based models uses variables to divide the sample into regions one by one. So that similar observations will be in the same region.

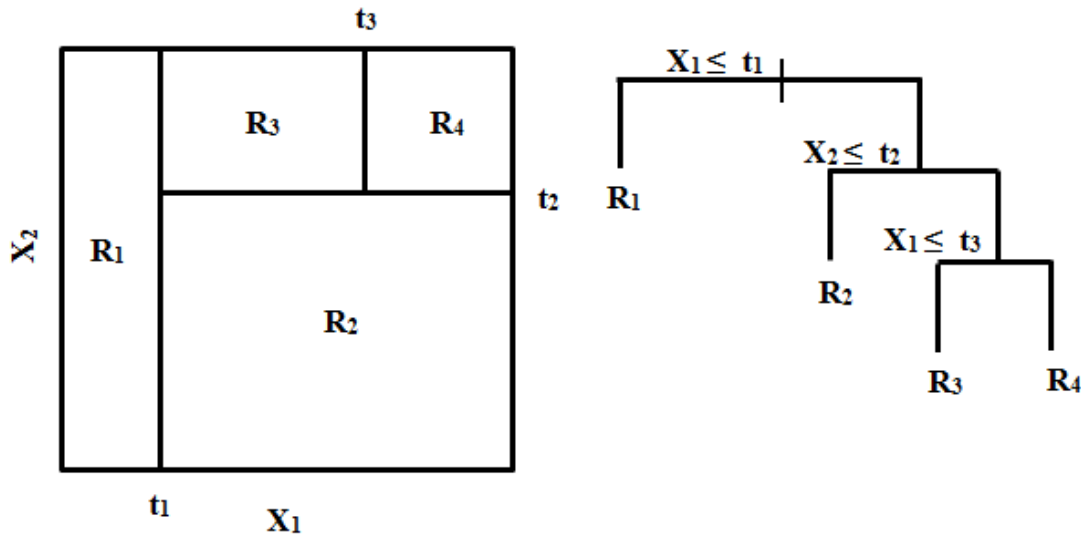


Figure 3.1: Binary splitting and decision tree model visualization

To create the best possible regions (R), decision tree based models uses the below formula and tries to minimize RSS value. And the method that is used to build this tree is called recursive binary splitting.

$$RSS = \sum_{j=1}^J \sum_{i \in R_j} (y_i - \hat{y}_{R_j})^2 \quad (3.6)$$

To improve the accuracy of recursive binary splitting model, the random forests method will be used. Random forest method will be used to find out if a certain number of random variables (m) among all variables (p) will achieve better accuracy

than all possible m values. After selection of m , in every bootstrapped data set randomly selected variables are used to grown trees sequentially for each data set to create and ensemble of the trees at the end.

The other method will be used to create a better decision tree model is extreme gradient boosting method. Extreme gradient boosting method has been introduced by Tianqi Chen and Carlos Guestrin in 2016 generally to use gradient boosting algorithm in a more scalable and computational way (Guestrin, 2016).

3.3 Neural Networks Model

Neural networks method is a blackbox method which provides more accuracy but less interpretability. In neural networks, the model architecture, activation functions, and parameters such as learning rate, batch size and epoch number are the keys to create a good machine learning model.

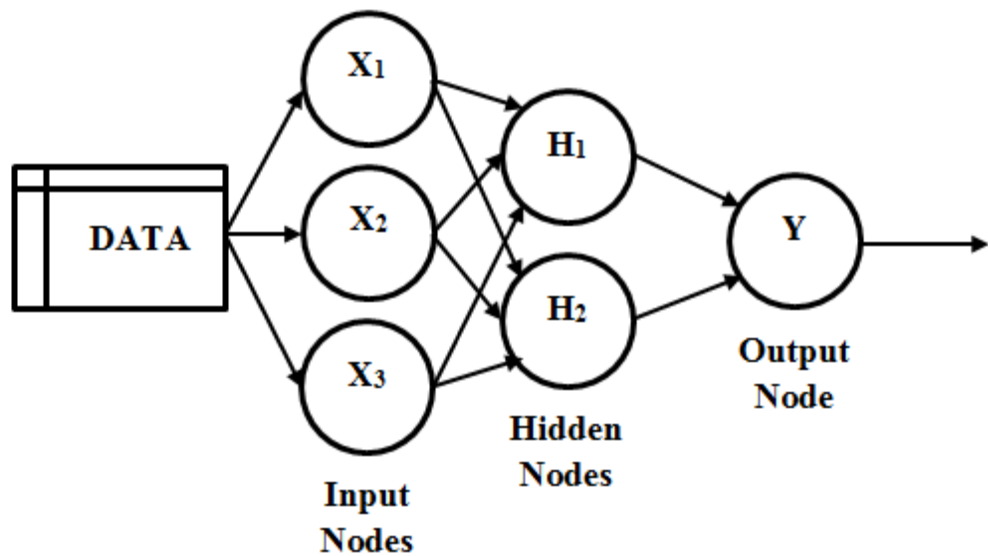


Figure 3.2: Architecture of a neural network model

In this research, the rectified linear unit (*ReLU*) activation function will be used in each hidden layer.

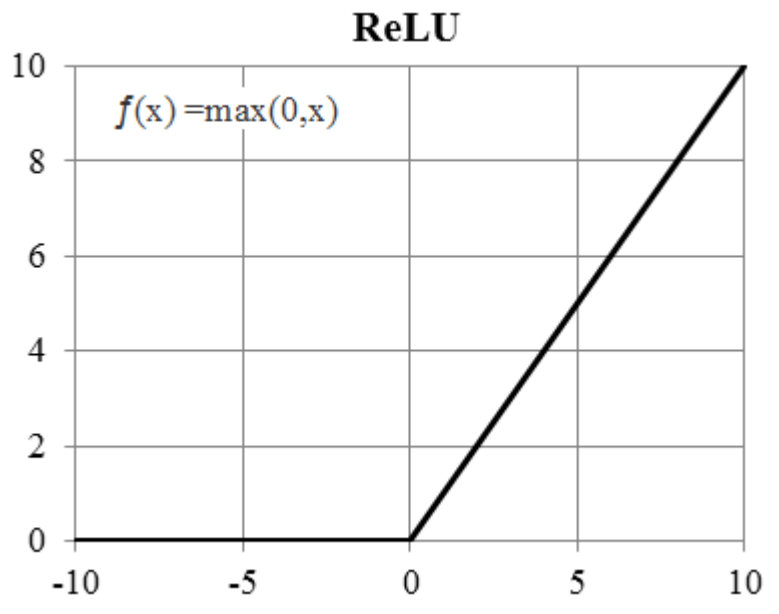


Figure 3.3: *ReLU* activation function graph

And the other parameters, such as number of hidden layers, number of hidden nodes, learning rate, batch size and epoch number will be determined by using trial-and-error method.

4. PREDICTIVE MODELLING OF FOOTBALL PLAYERS

4.1 A Valuation Model Based on Football Manager Data

The data that Football Manager possesses is one that is trustworthy, reliable and is being used by professional football clubs. The data consists of personal information for every player and attributes for every player. There are 49 attributes for every player under 4 main chapters which are; technical, mental, physical and goalkeeping. This data is being created and revised every year by over 1000 professional scouts around the world employed by Football Manager. Every attribute is being judged to be somewhere between 0 and 20. The difference of this data compared to the traditional in-field statistics is that it is not completely based on the in-field performance of players and being judged by professionals. If a player scores a lot of goals in a season, the traditional metrics like goals per game or goals per shot may not give the true estimation of how successful this player was at scoring. However, the professional scouts who are judging this player's scoring ability will judge this ability by keeping in mind a lot of other variables regarding the environmental situations that this player's currently in. Therefore, presenting the football world with a more normalized estimate of a player's ability.



Figure 4.1: Attribute Profile of a player in FM

In detail technical abilities consists of corners, crossing, dribbling, finishing, first touch, free kick taking, heading, long shots, long throws, marking, passing, penalty taking, tackling, technique. While mental attributes consists of aggression, anticipation, bravery, composure, concentration, decisions, determination, flair, leadership, off the ball, positioning, teamwork, vision, work rate. On the other hand physical attributes consists of acceleration, agility, balance, jumping reach, natural fitness, pace, stamina and strength. Goalkeeping attributes consists of aerial reach, command of area, communication, eccentricity, eccentricity, handling, kicking, one on ones, reflexes, rushing out, tendency to punch and throwing and two hidden attributes which are current ability and potential ability. These abilities have different effects on players regarding different positions in the field. For example, while finishing is a vital ability for strikers, tackling is one for central defenders.

In this project, the raw player data from FM will be collected and will be used to create the input for various machine learning models. To prevent a data leakage, the values of players will collected from transfermarkt.com which is a popular and trustworthy website on valuing players and these values will serve as outputs for the models. Since currently there are still not proven performance metrics that are derived from in-field statistics, valuing players based on in-field statistics causes a lot of fluctuation year by year. However, the attributes from FM are less fragile and more static and designed to only show real increases and decreases in a player's abilities. Building a valuation model based on this data may allow for a better and more reliable one, therefore allowing clubs to prevent from overvalued players and head for undervalued players instead.

4.2 Data Collection

The data collection for this project consists of two stages. The first stage is to collect the data from FM related to the input. For this the latest version of FM at the starting date of the project has been used: Football Manager 2018. The data of players from following countries and leagues have been collected from the game: Austria: Premier Division, First Division, Belarus: Highest League, First League, Belgium: Pro League, Second League, Third Division, Bulgaria: A Group, B Group, Croatia: First Division, Second Division, Czech Republic: First Division, Second Division, Denmark: Superliga, First Division, England: Premier Division, Sky Bet

Championship, Sky Bet League 1, Sky Bet League 2, Finland: Premier League, First Division, France: Ligue 1, Ligue 2, National, CFA, Germany: First Division, Second Division, Third Division, Greece: Superleague, National B Division, Hungary: Division I, Division II, Iceland: Premier Division, First Division, Ireland: Premier Division, First Division, Israel: Premier League, National League, Italy: Serie A, Serie B, Serie C1, Serie C2, Netherlands: Eredivisie, Jupiler League, Northern Ireland: Danske Bank Premier, Belfast Telegraph C1, Belfast Telegraph C2, Norway: Premier Division, First Division, Second Division, Poland: Ekstraklasa, First Division, Portugal: Premier League, Second League, National Championship, Romania: Liga I, Second Division, Russia: Premier Division, First Division, Scotland: Scottish Premiership, Scottish Championship, Serbia: Superleague, First League, Slovakia: First Division, Second Division, Slovenia: First League, Second League, Spain: Liga BBVA, Liga Adelante, Second Division B., Sweden: Premier Division, First Division Elite, First Division, Second Division, Switzerland: Super League, Challenge League, Turkey: Spor Toto Super League, PTT 1. League, Spor Toto 2. League, Ukraine: Premier League, First League, Wales: Welsh Premier League, Mexico: First Division, USA: MLS, Argentina: Premier Division, Brazil: First Division, Second Division. This data has been collected for the following variables for every player: Name, Best Position, Secondary Position, Club, Nationality, Nation of Birth, Height, Weight, Age, Right Foot, Left Foot, Corners, Crossing, Dribbling, Finishing, First touch, Free kick taking, Heading, Long shots, Long throws, Marking, Passing, Penalty taking, Tackling, Technique, Aggression, Anticipation, Bravery, Composure, Concentration, Decisions, Determination, Flair, Leadership, Off the ball, Positioning, Teamwork, Vision, Work rate, Acceleration, Agility, Balance, Jumping reach, Natural fitness, Pace, Stamina, Strength, Aerial reach, Command of area, Communication, Eccentricity, Handling, Kicking, One on ones, Reflexes, Rushing out, Tendency to punch, Throwing and Division.

UID	Name	Best Pos	Sec. Position	Club	Nat	NoB	Height	Weight	Age	Right Foot	Left Foot	Agg	Ant	Bra	Cmp	Cnt	Dec	Det	Fla	Ldr
17010999	Maxim Volodko	M (L)	-	BATE	BLR	BLR	180 cm	77 kg	25	Reasonable	Very Strong	8	8	11	9	11	8	1	12	6
23117580	Li Songyi	D (C)	DM	Shandong	CHN	CHN	183 cm	71 kg	24	Very Strong	Weak	14	11	14	8	10	12	14	11	11
58116315	Yegor Kondakov	D (R)	-	Chertanovo	RUS	RUS	1.66 m	64 kg	19	Very Strong	Weak	8	7	8	7	9	14	4	5	3
71100335	Olexandr Ilnytskyi	M (C)	-	Balkany Zorya	UKR	UKR	1.73 m	65 kg	24	Very Strong	Weak	9	10	6	9	7	12	9	8	8
36097568	Dimos Chantzaras	M (R)	M (R), AM (L)	Sparta	GRE	GRE	170 cm	64 kg	21	Very Strong	Weak	9	11	6	7	7	11	8	10	14
36037166	Vasilis Tabakis	ST (C)	-	Kallithea	GRE	GRE	187 cm	74 kg	31	Very Strong	Weak	11	10	11	9	8	9	13	8	12
36027354	Dimos Tzekos	ST (C)	-	Anag. Karditsas	GRE	GRE	187 cm	74 kg	30	Very Strong	Weak	12	9	13	10	12	13	16	8	13
48036355	Madih Talal	DM	M/AM (C)	Sannois SG	FRA	FRA	175 cm	73 kg	20	Very Strong	Weak	10	12	9	9	12	12	13	11	10
43409462	Francesco Paccagnella	D (R)	-	Bassano	ITA	ITA	1.77 m	70 kg	18	Very Strong	Weak	7	4	6	5	5	7	7	1	2
12064840	Bidje Manzia	M (R)	AM (RL)	Sigma Olomouc	COD	COD	175 cm	68 kg	23	Very Strong	Reasonable	8	7	8	10	11	8	7	15	6
37052741	Dean van der Sluijs	D (L)	-	FC Oss	NED	NED	171 cm	64 kg	22	Reasonable	Very Strong	4	9	8	8	10	14	4	3	5
29191276	Raece Ellington	M (C)	-	Bradford City	ENG	ENG	178 cm	67 kg	17	Very Strong	Weak	7	3	1	3	5	13	6	6	5
36081590	Vasilis Patsatzoglou	D (C)	-	Trikala	GRE	GRE	190 cm	85 kg	24	Very Strong	Weak	14	10	13	8	9	15	14	6	7
42039304	Yarden Krishtul	GK	-	S.C. Ashdod	ISR	ISR	1.85 m	79 kg	23	Very Strong	Very Weak	10	9	12	9	9	10	3	2	10
29176684	Graham Bryan	M (R)	-	Oxford	ENG	ENG	178 cm	70 kg	18	Very Strong	Weak	7	3	3	7	5	3	7	7	1
17013318	Evgeniy Klopotskiy	D (C)	D (L)	Vitebsk	BLR	BLR	177 cm	77 kg	24	Weak	Very Strong	10	13	11	13	11	13	8	11	13
28016434	Danny Redmond	M (L)	AM (L)	TNS	ENG	ENG	1.68 m	67 kg	27	Weak	Very Strong	12	13	10	11	7	10	12	13	10
67225605	Xesc Regis	ST (C)	-	Vitoria	ESP	ESP	1.76 m	70 kg	22	Very Strong	Reasonable	5	14	8	11	8	9	5	11	3
58123106	Ilya Gaponov	D (C)	DM	Spartak M-2	RUS	RUS	1.85 m	75 kg	20	Very Strong	Weak	9	6	9	5	11	13	4	1	7

Figure 4.2: Data collected from FM 2018

After the collection of data from the FM 2018, values for every player from transfermarkt.com have been collected using web scraping codes in R programming language. The code piece that has been used for this application can be seen below.

```
library(rvest)
options(max.print=1000000)
# Searching player's name
Players = read.csv("Players.csv",header = F)
result= 1:length(Players[,1])
for (i in 1 : length(Players[,1])) {

  Playerisim <- Players[i,1]

  x <- paste("https://www.transfermarkt.com/schnellsuche/ergebnis/schnellsuche?query=", Playerisim, sep="")
  y <- paste(x, "&x=0&y=0", sep="")
  SearchURL <- read_html(y)

  PriceDatahtml <- html_nodes(SearchURL, '.hauptlink')

  Pricedata <- html_text(PriceDatahtml)

  if(i>0){
    result[i] <- paste(Pricedata[1], Pricedata[2], sep=" ") }
}
result
write.csv(result, "deneme.csv")
```

Figure 4.3: Web scraping code piece

Finally, after transfermarkt.com values have been matched with data from FM and the data that will be used in this project is ready to use. However, it should be noted that sampling and manipulation will be used on this data and the most proper piece of data will be decided to be used when building a model.

4.3 Data Manipulation

Before the building of models, supervising the data and manipulating it to the best shape possible will allow us to come up with better results. Analyzing this data showed us that the values of players have a right-skewed distribution.

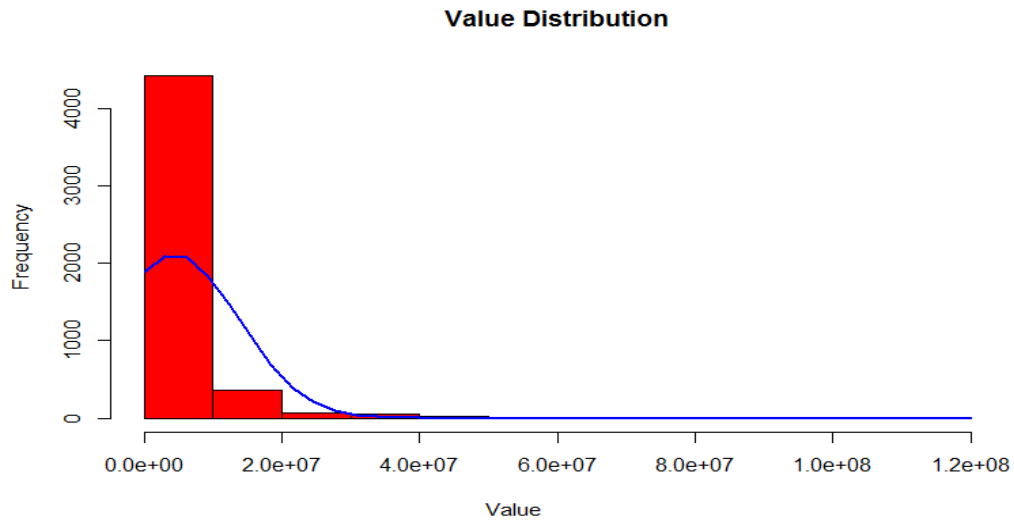


Figure 4.4: Football player value distribution

Meaning that there are much more less valued players. Since we want the high valued players effect to also be seen at our results, a transformation is needed. In the next figure the distribution after the logarithmic transformation can be seen.

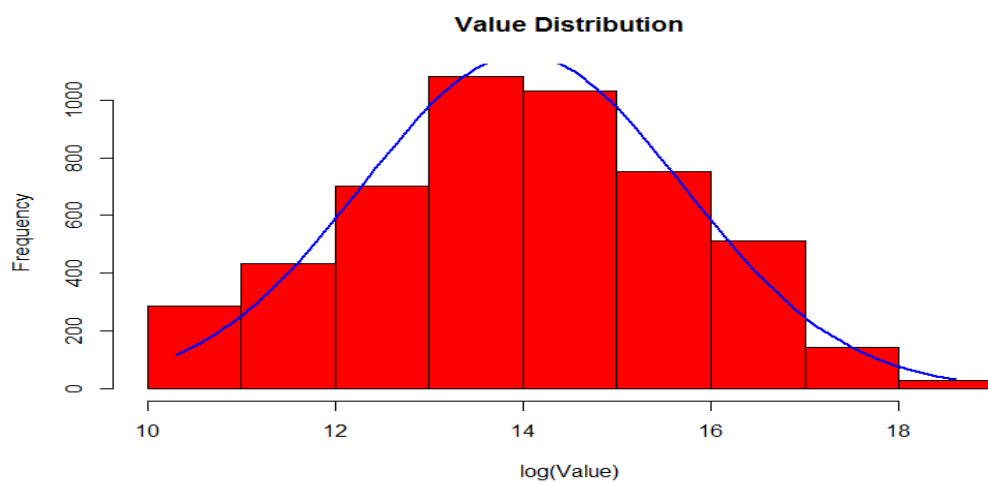


Figure 4.5: Football player value distribution after logarithmic transformation

Since the attributes that corresponds to the abilities of players are already scaled between 0 and 20 and two of them between 0 and 200, a transformation or standardization on these variables are needed. On the other hand, the data at hand consists of player from a lot of different leagues regarding different levels of football. KPMG Valuation Model that has been mentioned in the literature review uses the 11 high level leagues in the world (Methodology Player Valuation, 2018). This method also will be used in this model since it will serve the aim of the project better. These leagues will be; English Premier League, Spanish La Liga, Italian Serie A, German Bundesliga, French Ligue 1, Dutch Eredivisie, Belgian Pro League, Portuguese Primeira Liga, Turkish Süper Lig, Brazilian Serie A, Argentine Premier Division. Moreover, since goalkeepers have a different ability set than the other positions, they are excluded from the data set.

In the final stage of data manipulation, feature engineering applied on potential and current ability variables, Division variables, and Club variables. From potential ability (*PA*) and current ability (*CA*) variables, a new variable called “Ability” has been created by using “ $CA+PA*(40-Age)/100$ ” formula. Furthermore, Division and Club variables have been divided into tiers. For divisions, English Premier League, Spanish La Liga, German Bundesliga, French Ligue 1 have been defined as TIER1, Italian Serie A, Portuguese Primeira Liga, Turkish Süper Lig have been defined as TIER2, and Brazilian Serie A, Argentine Premier Division, Dutch Eredivisie, Belgian Pro League have been defined as TIER3. Moreover, Club variables have been separated into 5 different tiers with respect to their market value.

After this manipulation and sampling our data consisted of 5317 players from the 11 high level leagues that have been mentioned.

4.4 Multiple Linear Regression Model

Multiple linear regression model firstly has been built with all variables and without adding any non-linearity and interaction. Even if the model was pretty satisfying about the prediction accuracy, further investigations about finding the best subset of variables, non-linearity, and interaction terms should have been done to improve the model to its limits.

4.4.1 Best subset selection

For subset selection, six different methods, which are validation set, cross-validation, ridge regression, lasso regression, principal component regression (*PCR*), and partial least squares (*PLS*).

The first method used is validation set forward subset selection method. For this method the dataset has splitted into an 80% training dataset and a 20% test dataset.

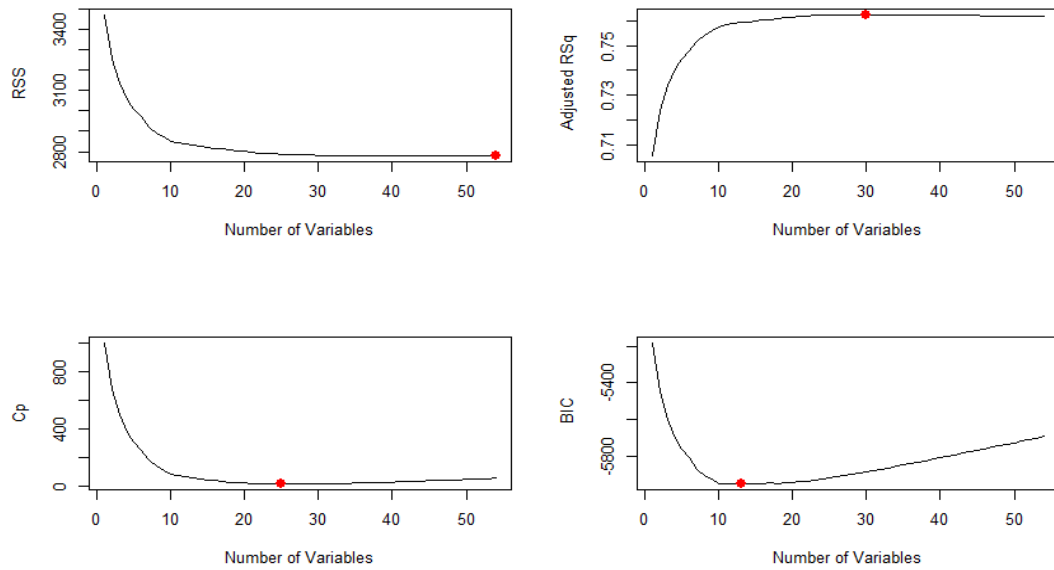


Figure 4.5: The best subset for each criteria

The validation set approach gave the best subsets for some indicators such as *BIC*, *Cp*, *RSS*, Adjusted R-square, and *MSE*. Here the mean square error (*MSE*) is used to compare the alternative subsets because of the need for increasing prediction accuracy and comparing it with the other alternative method results. The best *MSE* is calculated as 0.7682727 .

The second method is cross-validation forward subset selection method.

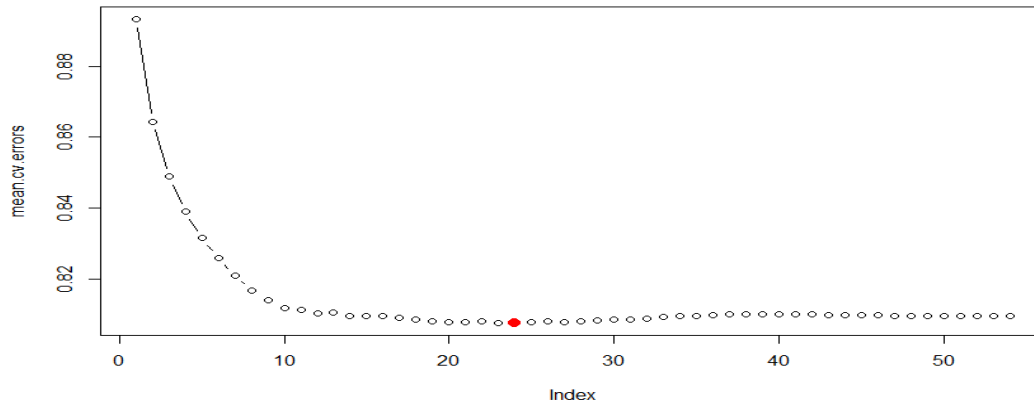


Figure 4.6: Cross-validation errors for each subset

The cross-validation subset selection method has applied 10 fold cross-validation to all subsets and compared their mean cross-validation errors to select the best subset. The best subset found has MSE value 0.7711148.

The third method is ridge regression method.

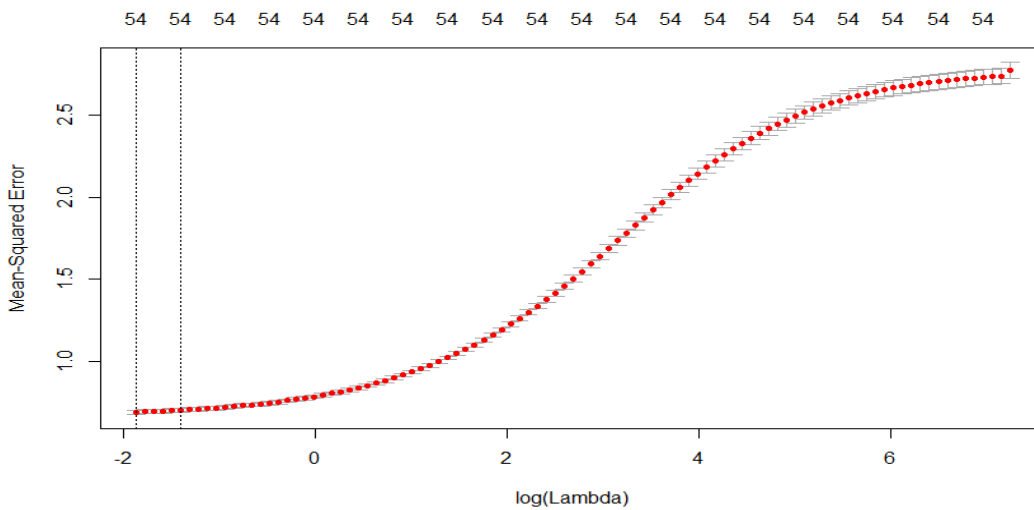


Figure 4.7: Mean Squared Errors for each lambda in ridge regression

With the application of ridge regression method the best λ has been calculated as 0.1535449 and the best MSE as 0.6087879.

The fourth method is lasso regression method.

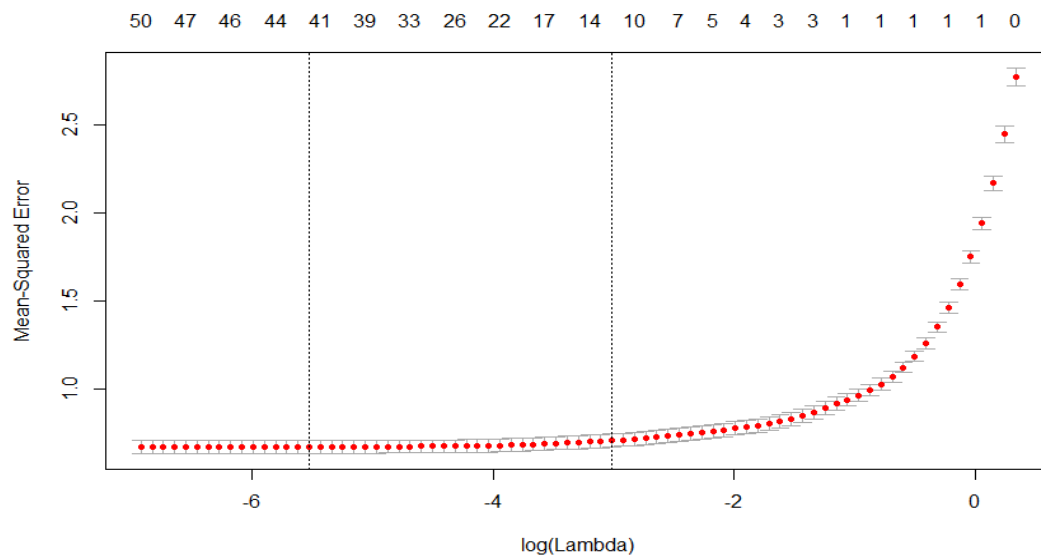


Figure 4.8: Mean Squared Errors for each lambda in lasso regression

Lasso regression model calculated the best lambda as 0.003984528 and the best MSE as 0.5907345.

The fifth method is *PCR* method.

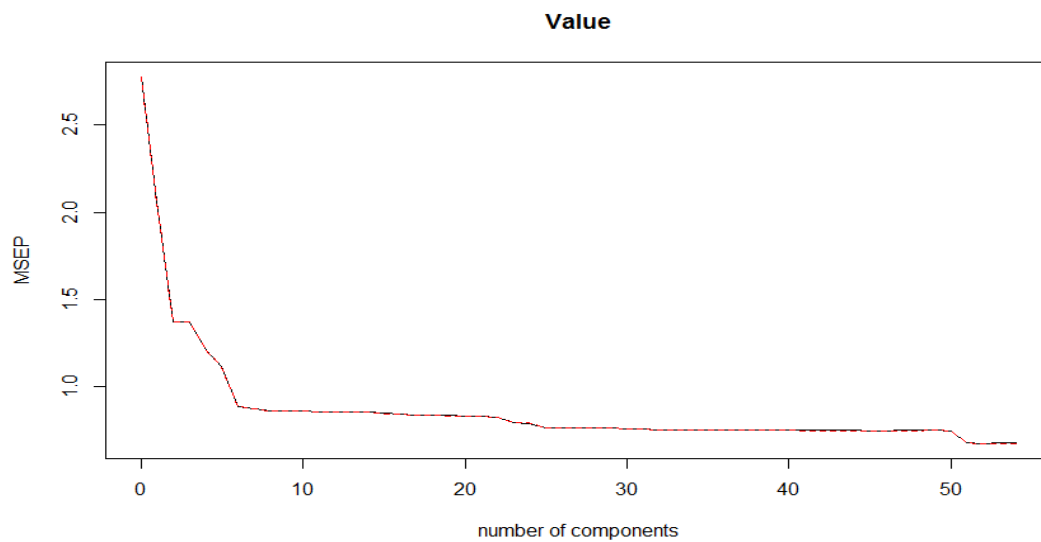


Figure 4.9: MSE change by number of components in *PCR* method.

The best MSE calculated by *PCR* method is 0.7690242.

The last method used for finding the best possible subsets is *PLS* method.

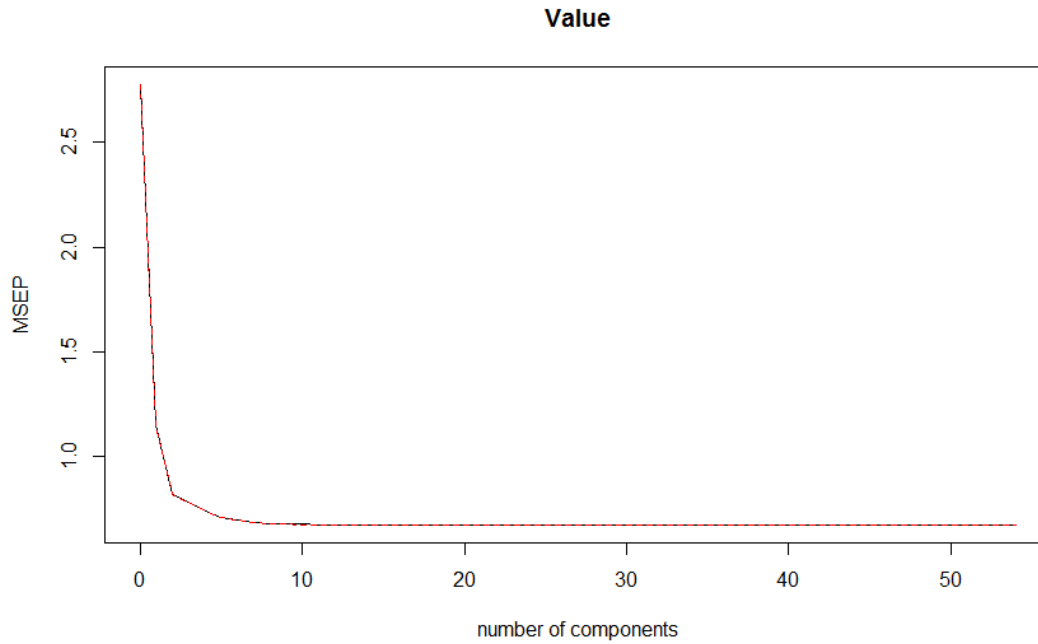


Figure 4.10: *MSE* change by number of components in *PLS* method.

The best *MSE* calculated by *PLS* method is 0.594226

All six method are applied to the data, and *MSE* results are found for each best subsetting model for each method. The minimum *MSE* has found by the lasso regression method, consequently the subset obtained from it has chosen as the best.

Table 4.1.: The model summary after subset selection with lasso

Coefficients	Estimate	Std. Error	t value	Pr(> t)
(Intercept)	14.650723	0.040485	361.881	< 2e-16***
Club.1Tier2	-0.368302	0.042073	-8.754	< 2e-16***
Club.1Tier3	-0.652505	0.057413	-11.365	< 2e-16***
Club.1Tier4	-0.808898	0.056962	-14.201	< 2e-16***
Club.1Tier5	-1.076692	0.061584	-17.483	< 2e-16***
Ability	0.911504	0.031879	28.593	< 2e-16***
Age	-0.026797	0.018091	-1.481	0.138626
Agg	-0.019816	0.017156	-1.155	0.248138
Ant	0.036271	0.018926	1.916	0.055371 .

Bra	0.002203	0.019975	0.110	0.912167
Cmp	0.017008	0.018278	0.931	0.352164
Cnt	0.023470	0.018957	1.238	0.215758
Dec	0.011530	0.016151	0.714	0.475346
Fla	0.044494	0.020418	2.179	0.029372 *
Ldr	-0.014147	0.015520	-0.912	0.362055
OtB	-0.002725	0.020074	-0.136	0.892023
Pos	-0.079884	0.024250	-3.294	0.000995****
Tea	0.030138	0.022090	1.364	0.172540
Wor	0.018854	0.020239	0.932	0.351609
Acc	0.054956	0.020989	2.618	0.008867 **
Bal	0.040214	0.018111	2.220	0.026447 *
Jum	0.055003	0.019373	2.839	0.004544 **
Nat	0.007497	0.013961	0.537	0.591290
Pac	0.053410	0.019531	2.735	0.006271 **
Sta	0.113343	0.019796	5.726	1.1e-08 ***
Str	0.074294	0.023381	3.178	0.001496 **
Cor	-0.006369	0.021060	-0.302	0.762323
Fin	0.033772	0.022632	1.492	0.135715
Fir	0.048212	0.019196	2.512	0.012058 *
Fre	0.061915	0.021448	2.887	0.003912 **
Lon	-0.042438	0.019617	-2.163	0.030571 *
L.Th	-0.058186	0.016261	-3.578	0.000350 ****
Mar	-0.096666	0.032228	-2.999	0.002721 **
Pas	0.014095	0.019981	0.705	0.480578
Tck	0.119317	0.030884	3.863	0.000114 ****
DivisionTier2	-0.096476	0.040931	-2.357	0.018467 *
DivisionTier3	-0.135712	0.044684	-3.037	0.002403 **
BestPos_AML	-0.004696	0.046427	-0.101	0.919442
BestPos_DC	0.152136	0.061471	2.475	0.013366 *
BestPos_DL	0.055247	0.056648	0.975	0.329479
BestPos_DM	-0.016955	0.059579	-0.285	0.775976
BestPos_MC	0.026179	0.048459	0.540	0.589061
BestPos_MR	0.126956	0.118483	1.072	0.284001

BestPos_STC	-0.067422	0.056178	-1.200	0.230149
Signif. codes: 0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1				
Residual standard error: 0.8126 on 4208 degrees of freedom				
Multiple R-squared: 0.7645, Adjusted R-squared: 0.7621				
F-statistic: 317.7 on 43 and 4208 DF, p-value: < 2.2e-16				

For further investigations this model will be used.

4.4.2 Finding non-linear relationships

To find the non-linear relationships between the dependent and independent variables, 5 different linear models, which are included different gradual powers from first to fifth of the independent variable, for each independent variable are built. And 10 fold cross-validation has been used to calculate MSE for each 5 model. After the examination, it is found that only "Age" variable has a non-linear relationship with dependent variable (Value).

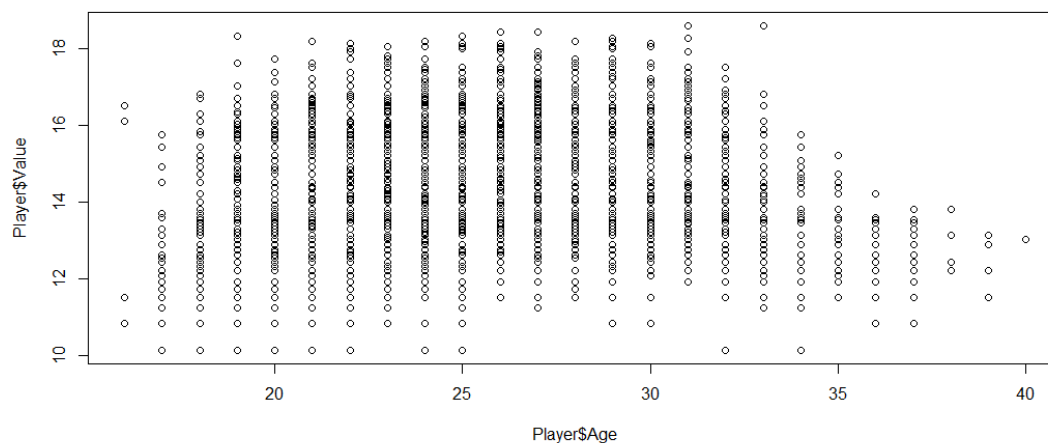


Figure 4.11: Scatterplot of "Age" and "Value"

By looking this plot, the non-linearity between “Age” and “Value” can be seen.

Table 4.2.: Cross-validation errors of gradual combinations of "Age" and its powers

	~Age	~Age +Age^2	~Age +Age^2 +Age^3	~Age +Age^2 +Age^3 +Age^4	~Age +Age^2 +Age^3 +Age^4 +Age^5
CV Errors	2.633	2.289225	2.288611	2.285099	2.285308

On this table cross-validation errors for each polynomial linear model are shown. Because cross-validation error has decreased significantly between the first and second model, it can be said that “Age^2” can be a significant variable for the model.

Table 4.3.: Analysis of variance for "Age" and "Age^2" models

Analysis of Variance Table						
Model 1: Value ~ Age						
Model 2: Value ~ Age + I(Age^2)						
	Res.Df	RSS	Df	Sum of Sq	F	Pr(>F)
1	5322	14014				
2	5321	12176	1	1837.6	803.05	< 2.2e-16 ***
Signif. codes: 0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1						

After analysis of variance (*ANOVA*) application, Model 2 is decided as significant; thus, “Age^2” will be added to the final regression model.

4.4.3 Finding interaction terms

To find interaction terms, at first a model with all the possible double interactions has been built. After that the significant interaction terms are found from this model and they have been compared with the models without interaction terms by *ANOVA* method.

Table 4.4.: Analysis of variance for "Ability" and "Age" interaction

Analysis of Variance Table						
Model 1: Value ~ Ability + Age						
Model 2: Value ~ Ability * Age						
	Res.Df	RSS	Df	Sum of Sq	F	Pr(>F)
1	5313	4240.9				
2	5312	4179.1	1	61.788	78.537	< 2.2e-16 ***
Signif. codes: 0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1						

Table 4.5.: Analysis of variance for "Age" and "Cnt" interaction

Analysis of Variance Table						
Model 1: Value ~ Age + Cnt						
Model 2: Value ~ Age * Cnt						
	Res.Df	RSS	Df	Sum of Sq	F	Pr(>F)
1	5313	11954				
2	5312	11420	1	534.23	248.5	< 2.2e-16 ***
Signif. codes: 0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1						

Table 4.6.: Analysis of variance for "Det" and "Tec" interaction

Analysis of Variance Table						
Model 1: Value ~ Det + Tec						
Model 2: Value ~ Det * Tec						
	Res.Df	RSS	Df	Sum of Sq	F	Pr(>F)
1	5313	10517				
2	5312	10414	1	102.12	52.087	6.056e-13 ***
Signif. codes: 0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1						

After ANOVA application, it can be said that all three of the spotted interaction terms are significant and should be added to the last model.

4.4.4 Final model

After finding the best subset, nonlinear relationships, and interaction terms, the final model is built by using all the found variables.

Table 4.7.: The final model summary after adding all variables with non-linearity and interaction terms

Coefficients	Estimate	Std. Error	t value	Pr(> t)
(Intercept)	14.8071367	0.0436680	339.085	< 2e-16 ***
Det	0.0241250	0.0158991	1.517	0.129246
Tec	0.0135885	0.0240162	0.566	0.571555
Age	0.0690505	0.0193781	3.563	0.000370 ***
Cnt	0.0125955	0.0187055	0.673	0.500755
Ability	0.9053400	0.0324785	27.875	< 2e-16 ***
I(Age^2)	-0.1402285	0.0135889	-10.319	< 2e-16 ***
Club.1Tier2	-0.3921639	0.0417165	-9.401	< 2e-16 ***
Club.1Tier3	-0.6708486	0.0570866	-11.751	< 2e-16 ***
Club.1Tier4	-0.8669184	0.0576957	-15.026	< 2e-16 ***
Club.1Tier5	-1.1287283	0.0623149	-18.113	< 2e-16 ***
Agg	-0.0286132	0.0168616	-1.697	0.089780 .
Ant	0.0200317	0.0186307	1.075	0.282347
Bra	0.0065856	0.0198517	0.332	0.740101
Cmp	0.0225292	0.0180187	1.250	0.211251
Dec	0.0101944	0.0160999	0.633	0.526640
Fla	0.0533872	0.0206647	2.583	0.009814 **
Ldr	0.0032976	0.0153872	0.214	0.830318
OtB	-0.0135196	0.0197401	-0.685	0.493459
Pos	-0.0917941	0.0238153	-3.854	0.000118 ***
Tea	0.0410036	0.0217792	1.883	0.059810 .
Wor	0.0275688	0.0200722	1.373	0.169677
Acc	0.0257190	0.0207271	1.241	0.214735
Bal	0.0356850	0.0177889	2.006	0.044918 *
Jum	0.0423645	0.0190764	2.221	0.026419 *
Nat	0.0157135	0.0137432	1.143	0.252952
Pac	0.0319416	0.0192794	1.657	0.097640 .
Sta	0.0645729	0.0198885	3.247	0.001177 **
Str	0.0584906	0.0232099	2.520	0.011770 *
Cor	-0.0248476	0.0207301	-1.199	0.230742
Fin	0.0341005	0.0222176	1.535	0.124898
Fir	0.0440892	0.0204518	2.156	0.031159 *
Fre	0.0540665	0.0210681	2.566	0.010314 *
Lon	-0.0422500	0.0192469	-2.195	0.028206 *
L.Th	-0.0481986	0.0160377	-3.005	0.002669 **
Mar	-0.0860962	0.0316474	-2.720	0.006545 **
Pas	0.0072248	0.0204640	0.353	0.724070
Tck	0.1124252	0.0304212	3.696	0.000222 ***

DivisionTier2	-0.0980039	0.0403095	-2.431	0.015087 *
DivisionTier3	-0.1146154	0.0440374	-2.603	0.009282 **
BestPos_AML	0.0005442	0.0455481	0.012	0.990468
BestPos_DC	0.1254316	0.0605296	2.072	0.038304 *
BestPos_DL	0.0563616	0.0555570	1.014	0.310412
BestPos_DM	-0.0184230	0.0584664	-0.315	0.752699
BestPos_MC	0.0352273	0.0475789	0.740	0.459100
BestPos_MR	0.1596759	0.1162938	1.373	0.169814
BestPos_STC	-0.0416611	0.0552450	-0.754	0.450822
Det:Tec	0.0466851	0.0114176	4.089	4.42e-05 ***
Age:Cnt	-0.0262000	0.0154563	-1.695	0.090131 .
Age:Ability	0.0434875	0.0159004	2.735	0.006264 **
Signif. codes: 0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1				
Residual standard error: 0.7966 on 4202 degrees of freedom				
Multiple R-squared: 0.774, Adjusted R-squared: 0.7713				
F-statistic: 293.6 on 49 and 4202 DF, p-value: < 2.2e-16				

4.4.5 Interpretation of results

After the deciding of best fit model, the results can be evaluated and interpreted. All the results for the test set can be seen in the additions. Below tables consists of some examples that are high in error and low in error. These examples will allow for interpretations about the results to be able to be made. Low error points are high in number and shows the points where the model and the market shared the same opinions about the players.

Player Name	Market Value	Model Value	Player Name2	Market Value2	Model Value2
Casemiro	40.000.000,00	37.369.936,57	Matt Lowton	5.000.000,00	4.635.516,79
Marco Reus	40.000.000,00	37.078.742,77	Tyrone Mings	4.000.000,00	4.264.318,56
Marquinhos	40.000.000,00	36.585.536,25	Javi García	4.000.000,00	3.875.012,99
Kevin Strootman	25.000.000,00	24.782.710,22	Allan Nyom	3.500.000,00	3.776.212,40
Raphaël Guerreiro	20.000.000,00	21.989.946,39	Filip Bradaric	3.500.000,00	3.530.148,44
Nathaniel Clyne	20.000.000,00	18.460.703,79	Ladislav Krejci	3.500.000,00	3.396.978,03
Xherdan Shaqiri	18.000.000,00	17.174.975,78	Stefano Sensi	3.500.000,00	3.341.436,26
Kevin Gameiro	18.000.000,00	16.895.348,53	Adama Soumaoro	3.000.000,00	3.193.334,91
Serge Gnabry	15.000.000,00	14.224.009,20	Marvin Ducksch	3.000.000,00	3.175.924,27
Wesley Hoedt	15.000.000,00	14.002.147,13	Brendan Galloway	3.000.000,00	2.938.271,55
Marco van Ginkel	12.000.000,00	12.483.714,33	Matheus Pereira	3.000.000,00	2.933.550,08
Óliver	12.000.000,00	10.954.983,39	Facundo Roncaglia	3.000.000,00	2.839.111,77
Troy Deeney	10.000.000,00	10.536.470,94	Kyle Walker-Peters	3.000.000,00	2.835.758,55
Robbie Brady	10.000.000,00	10.180.942,01	Emmanuel Gigliotti	3.000.000,00	2.798.136,06
João Moutinho	10.000.000,00	9.969.302,27	Lucas Deaux	2.500.000,00	2.738.122,34
Rodri	9.000.000,00	9.962.347,48	Majeed Waris	2.500.000,00	2.729.850,42
Thorgan Hazard	10.000.000,00	9.593.560,93	Henrique	2.500.000,00	2.664.699,10
Rafael	9.000.000,00	9.007.898,02	Dennis Appiah	2.500.000,00	2.459.254,79
Kenny Tete	8.000.000,00	8.579.750,69	Igor Rabello	2.500.000,00	2.401.535,54
Rodrigo Battaglia	8.000.000,00	8.479.101,43	Romain Del Castillo	2.500.000,00	2.401.300,19
Jesé	7.500.000,00	7.514.259,95	Simon Gustafson	2.500.000,00	2.325.085,60
Christian Kabasele	7.000.000,00	7.434.322,90	Oliver Sorg	2.500.000,00	2.275.097,69
Cristiano Piccini	7.500.000,00	7.371.926,97	Henri Saivet	2.000.000,00	2.190.928,29
Marcel Tisserand	7.500.000,00	7.037.807,62	Ximo Navarro	2.000.000,00	2.153.881,88
Adil Rami	7.000.000,00	6.807.264,19	Steeve Yago	2.000.000,00	2.130.173,06
Jason Denayer	6.000.000,00	6.393.026,28	Aday	2.000.000,00	2.118.142,85
William	6.500.000,00	6.208.238,19	José Fonte	2.000.000,00	2.045.436,37
Janik Haberer	5.000.000,00	5.276.232,01	Kevin Stöger	2.000.000,00	2.024.256,02
Nemanja Maksimovic	5.000.000,00	5.248.968,81	Marcus Thuram	2.000.000,00	2.013.939,22
Daniel Amartey	5.000.000,00	5.181.332,70	Idriss Saadi	2.000.000,00	2.009.466,16
Stefano Okaka	5.000.000,00	4.996.155,48	Unai Bustinza	1.800.000,00	1.997.675,94
Adam Ounas	4.500.000,00	4.894.321,16	Harrison Manzala	2.000.000,00	1.981.275,47
Andrea Ranocchia	5.000.000,00	4.843.450,54	Yéni Ngbakoto	2.000.000,00	1.947.922,46

Figure 4.12: Some of the low error points

On the other hand, the points which are high in error need a closer look. Because it has the potential to show where the model has been wrong. In this section, it should be remembered that all the values and game data corresponds to the time of before the start of 2017/2018 football season. This time difference between the model and today presents the model with a chance to prove that in high error points the error belongs to the market but not the model. Below are some examples of high error points. In this table, it can be seen that in points where model valued players as overvalued and undervalued, the reality turned out to be closer to the model valuations in one year. Taking a closer look at these examples shows that the errors of the model are not systematic but rather logical and closer to the reality. After these proofs about the validation of model's reliability, a confidence can be had at other errors of the model as well.

Player Name	Market Value	Model Value	Crnt. Market Value
Mohamed Salah	40.000.000,00	81.766.730,16	150.000.000,00
Reiss Nelson	400.000,00	3.892.579,71	7.500.000,00
Carlos Soler	8.000.000,00	20.157.807,46	30.000.000,00
Harry Kane	80.000.000,00	135.273.412,15	150.000.000,00
Franco Vázquez	18.000.000,00	12.467.670,41	10.000.000,00
James McCarthy	15.000.000,00	9.173.410,32	8.000.000,00
Ahmet Çalık	3.750.000,00	1.150.470,32	1.000.000,00
José Fonte	7.000.000,00	2.045.436,37	2.000.000,00

Figure 4.13: Some of the high error points

Finally, all the results for our test set can be seen at the below tables.

Player Name	Model Value	Player Name2	Model Value2	Player Name3	Model Value3	Player Name4	Model Value4
Harry Kane	135.273.412,15	Denis Zakaria	13.262.727,55	Rubén Pardo	6.878.318,34	Willian Arão	4.627.416,07
Luis Suárez	133.776.296,42	Diego Llorente	13.013.370,52	Adil Rami	6.807.264,19	Santiago Caseres	4.527.619,01
Philippe Coutinho	92.590.813,45	Mamadou Sakho	12.928.651,19	Panagiotis Retsos	6.753.151,10	Edson Mexer	4.495.296,37
Mohamed Salah	81.766.730,16	Luiz Gustavo	12.758.647,73	Jordan Ferri	6.752.961,09	Aymen Abdennour	4.482.167,41
David Alaba	76.737.640,23	Marco van Ginkel	12.483.714,33	Ryan Fraser	6.700.488,84	Achraf	4.425.290,85
Christian Eriksen	62.899.764,24	Franco Vázquez	12.467.670,41	Charlie Taylor	6.658.309,70	Fabian Schär	4.409.900,61
Sergio Ramos	61.305.353,07	Andrew Robertson	12.364.431,20	Lucas Lima	6.643.891,20	Leandro Fernández	4.402.711,12
Mauro Icardi	60.894.729,10	Antonio Candreva	12.055.052,25	Vlad Chiriches	6.617.747,71	Roger	4.392.019,99
N'Golo Kanté	54.363.224,35	Stefano Sturaro	11.535.192,34	Thiago Maia	6.566.522,20	Steven Skrzybski	4.355.727,71
Thiago	44.339.306,59	Clément Lenglet	11.319.998,62	Jon Bautista	6.412.992,32	José Campaña	4.343.949,83
Alexandre Lacazette	40.870.142,61	Ramadan Sobhi	11.271.138,60	Yoshinori Mutō	6.402.915,80	Jailson	4.340.474,22
Toni Kroos	40.495.650,91	Óliver	10.954.983,39	Jack Stephens	6.395.373,56	Recio	4.320.905,54
Arturo Vidal	40.352.197,07	Trent Alexander-Arnold	10.910.192,21	Jason Denayer	6.393.026,28	Stefan Radu	4.287.975,69
Virgil van Dijk	39.923.375,43	Lautaro Martínez	10.841.236,85	Alex Pritchard	6.365.357,68	Shinji Okazaki	4.281.079,42
Willian	38.426.845,59	Willi Orban	10.686.717,68	Nicolás Castillo	6.265.444,66	Borja Lasso	4.279.607,72
Casemiro	37.369.936,57	Marko Rog	10.545.832,92	William	6.208.238,19	Tyrone Mings	4.264.318,56
Marco Reus	37.078.742,77	Troy Deeney	10.536.470,94	Carles Aleñá	6.147.337,57	Emre Mor	4.259.931,84
Marquinhos	36.585.536,25	Demarai Gray	10.291.142,06	Tolga Çiğerci	6.088.179,93	Alexander Esswein	4.240.033,19
Alex Sandro	35.704.804,33	Robbie Brady	10.180.942,01	Ben Chilwell	6.028.395,05	Jean-Philippe Gbamin	4.233.953,35
Saúl	34.988.390,10	Wendell	10.087.911,72	Andrea Petagna	5.981.298,76	Ken Sema	4.224.162,78
Sergio Busquets	33.156.603,02	Mateo Musacchio	10.075.486,52	Sébastien Corchia	5.858.950,96	Matthew Targett	4.170.619,07
Naby Keita	32.764.145,95	Steve Cook	10.048.698,82	Joelinton	5.800.918,97	Ricardo Horta	4.169.283,23
Miralem Pjanic	30.429.735,45	James Ward-Prowse	9.974.276,51	Léo Dubois	5.757.927,69	Alexandre Mendy	4.167.018,94
Henrikh Mkhitaryan	28.311.868,88	João Moutinho	9.969.302,27	Mason Holgate	5.749.953,53	Mark Noble	4.161.313,10
Vitolo	27.992.109,68	Rodri	9.962.347,48	André Hahn	5.695.452,05	Jean-Eudes Aholou	4.102.337,76
Raheem Sterling	27.873.054,77	Santi Cazorla	9.827.466,07	Karl Toko Ekambi	5.686.606,59	Stefan Ristovski	4.055.414,84
Radamel Falcao	26.592.171,66	Thorgan Hazard	9.593.560,93	Carlos Izquierdoz	5.670.043,78	Gianluca Lapadula	4.051.580,54
Ivan Rakitic	26.497.583,58	Lars Bender	9.548.376,05	Ainsley Maitland-Niles	5.650.107,46	Fredy Montero	4.050.849,40
Kevin Strootman	24.782.710,22	Jesús Navas	9.299.888,04	Hélder Costa	5.646.542,78	Henrique Dourado	4.046.845,28
Timo Werner	24.126.947,23	David Neres	9.248.962,96	Salomón Rondón	5.636.690,91	Mário Rui	4.015.450,07
Jorginho	23.043.290,27	Unai Núñez	9.216.641,96	Mikel Balenziaga	5.491.765,35	Vadis Odjidja-Ofoe	4.014.107,19
Quincy Promes	22.056.606,59	Marko Grujic	9.205.524,28	Daley Sinkgraven	5.390.745,23	Bernardo	3.993.835,28
Raphaël Guerreiro	21.989.946,39	James McCarthy	9.173.410,32	Jordan Torunarigha	5.349.076,33	Neeskens Kebano	3.982.195,28
Ivan Perisic	21.527.118,14	Dayot Upamecano	9.081.549,54	Lucas Romero	5.316.581,34	Sassá	3.973.469,12
Keita Baldé	21.305.909,59	Karim Rekik	9.053.873,02	Giorgian De Arrascaeta	5.316.408,22	Radosav Petrovic	3.972.043,73
Victor Wanyama	21.221.086,16	Marcel Halstenberg	9.031.096,54	Janik Haberer	5.276.232,01	Luka Jovic	3.971.644,43
Florian Thauvin	20.460.541,88	Rafael	9.007.898,02	Nemanja Maksimovic	5.248.968,81	Samuel Grandsir	3.929.085,02
Carlos Soler	20.157.807,46	Theo Hernández	8.917.147,67	Raúl Albiol	5.232.852,56	Ricardo Centurión	3.910.660,03
Ander Herrera	20.010.556,77	Matthijs de Ligt	8.744.186,15	Jorrit Hendrix	5.230.141,01	Reiss Nelson	3.892.579,71
Antonio Rüdiger	19.985.973,52	Sven Bender	8.726.602,83	Mouctar Diakhaby	5.209.808,63	Javi García	3.875.012,99
Jan Vertonghen	19.889.156,10	Kenny Tete	8.579.750,69	Adam Marusic	5.199.695,87	Roberto Rosales	3.873.578,53
Luciano Vietto	18.808.231,83	Rodrigo Battaglia	8.479.101,43	Daniel Amartey	5.181.332,70	Marc Stendera	3.809.467,90
Nathaniel Clyne	18.460.703,79	Roberto Soriano	8.394.997,59	João Novalis	5.163.022,88	Marcus Ingvartsen	3.785.514,09
Michy Batshuayi	18.237.391,58	Faouzi Ghoulam	8.394.989,65	Borja García	5.153.291,06	Allan Nyom	3.776.212,40
Juan Bernat	18.234.440,97	Borja Valero	8.389.091,01	Yohan Benalouane	5.094.201,93	Alex Berenguer	3.766.330,66
Rodrigo	18.081.674,57	Jesús Vallejo	8.350.822,38	Benjamin Bourigeaud	5.022.043,69	Roberto Inglese	3.757.480,29
Piotr Zielinski	17.436.047,33	Rob Holding	8.347.750,49	Stefano Okaka	4.996.155,48	Emil Berggreen	3.724.419,54
José Callejón	17.309.392,88	Ben Gibson	8.304.726,31	Steve Mounié	4.952.649,45	Philipp Lienhart	3.714.947,60
Xherdan Shaqiri	17.174.975,78	Leonardo Spinazzola	8.127.709,83	Lucas Castro	4.909.929,89	Genki Haraguchi	3.713.063,09
Kevin Gameiro	16.895.348,53	Lucas Tousart	8.002.243,14	Adam Ounas	4.894.321,16	Ezequiel Schelotto	3.677.109,43
João Mário	16.153.344,55	Chancel Mbemba	7.916.747,90	Cheikhou Kouyaté	4.888.372,98	Jonathan Schmid	3.666.482,01
Gerard Moreno	16.046.506,19	Iago Falqué	7.859.290,33	Andrea Ranocchia	4.843.450,54	Jonas Martin	3.663.249,11
Youri Tielemans	15.807.987,80	Alexander Sørloth	7.853.439,97	Iván Marcano	4.840.869,70	Ciaran Clark	3.662.586,71
Emre Can	15.636.415,04	John Guidetti	7.849.058,35	Rodrigo Ely	4.836.083,10	Florian Lejeune	3.596.507,31
Arkadiusz Milik	15.161.631,77	Daley Blind	7.744.959,11	Marcelo Saracchi	4.802.383,62	Pedro León	3.587.148,25
Marc Bartra	15.053.168,92	Kevin Vogt	7.580.428,99	Mario Pasalic	4.792.331,23	Ricardo Esgaio	3.580.861,85
Kerem Demirbay	14.967.212,84	Jesé	7.514.259,95	Paulinho	4.780.161,39	Sanjin Prcić	3.576.817,50
Sergio Escudero	14.625.662,64	Christian Kabasele	7.434.322,90	Armando Izzo	4.767.837,38	Juninho Bacuna	3.576.114,00
Willian José	14.497.525,62	Rachid Ghezzal	7.372.048,79	Hiroki Sakai	4.767.350,11	Gustavo Cabral	3.552.475,91
Sebastián Coates	14.238.586,33	Cristiano Piccini	7.371.926,97	Ádám Szalai	4.749.512,07	Emiliano Velázquez	3.545.377,26
Serge Gnabry	14.224.009,20	Rodrigo Bentancur	7.334.546,52	André Almeida	4.707.146,79	José Izquierdo	3.539.720,80
Wesley Hoedt	14.002.147,13	Joris Gnagnon	7.306.811,14	Derrick Luckassen	4.693.421,86	Kara	3.536.765,64
Callum Wilson	13.818.849,69	Andros Townsend	7.143.008,49	Gervinho	4.687.606,78	Filip Bradaric	3.530.148,44
Mitchell Weiser	13.674.362,35	Marcel Tisserand	7.037.807,62	Senad Lulić	4.675.075,07	Lass Bangoura	3.526.291,16
Daniël Alves	13.449.635,71	Salif Sané	7.032.112,96	Juan Jesus	4.674.005,37	Kevin Mirallas	3.517.964,11
Bas Dost	13.351.581,12	Álvaro	6.922.383,96	Matt Lowton	4.635.516,79	Ludovic Blas	3.490.399,14

Figure 4.14: First part of all test results

Player Name	Model Value	Player Name2	Model Value2	Player Name3	Model Value3	Player Name4	Model Value4
Cristian Espinoza	3.477.637,63	Majeed Waris	2.729.850,42	Kevin Stöger	2.024.256,02	Santiago García	1.603.480,15
Aymen Barkok	3.461.097,95	Marinho	2.709.570,68	Marcus Thuram	2.013.939,22	André Poko	1.602.407,23
Nemanja Radonjic	3.454.476,93	Dennis Aogo	2.695.693,73	Idriss Saadi	2.009.466,16	Léo Pelé	1.594.674,03
Pascal Köpke	3.451.949,75	Santi Comesaña	2.680.534,85	Reinaldo	2.009.033,93	Daniel Schwaab	1.590.541,75
Darwin Machís	3.433.886,04	Lukasz Teodorczyk	2.676.097,81	Leandro Trossard	2.003.141,16	Thomas Bruns	1.589.939,47
Pierre Lees-Melou	3.423.203,54	Henrique	2.664.699,10	Unai Bustinza	1.997.675,94	Cortez	1.586.571,38
Björn Engels	3.412.205,63	Luca Waldschmidt	2.643.712,95	Salem Al-Dawsari	1.993.307,88	Vinicius	1.580.233,91
Ladislav Krejci	3.396.978,03	Alan Franco	2.628.560,24	Harrison Manzala	1.981.275,47	Nejc Skubic	1.575.030,55
Yves Bissouma	3.381.698,33	Ivan Santini	2.623.920,68	Diego Contento	1.977.577,34	Berat Djimsiti	1.571.640,71
Federico Fernández	3.356.927,37	Mehdi Abeid	2.622.924,69	Javier Correa	1.968.590,38	Bartosz Bereszynski	1.566.379,60
Ricardo Kishna	3.345.222,21	Renato Tapia	2.599.200,64	Sebastián Rincón	1.968.031,50	Knowledge Musona	1.562.157,38
Stefano Sensi	3.341.436,26	Nicolas Pépé	2.596.323,13	Matheus Jesus	1.951.164,60	Favio Álvarez	1.552.748,96
Lautaro Acosta	3.338.906,93	Adel Taarabt	2.576.423,10	Manuel Gulde	1.949.813,03	Jules Iloki	1.550.375,19
Neven Subotic	3.330.768,77	Ángel	2.564.383,87	Yéni Ngbakoto	1.947.922,46	Xande	1.547.971,34
Jordi Mboula	3.306.862,80	Raniel	2.548.740,97	Romain Amalfitano	1.944.640,44	Tim Matavz	1.540.187,00
Gaëtan Laborde	3.284.529,97	Kevin Möhwald	2.540.807,49	Queensy Menig	1.944.461,37	Jeremy Helmer	1.534.565,15
Jonjo Kenny	3.277.200,14	Ignasi Miquel	2.507.339,38	Nikola Milenkovic	1.941.884,08	Rafael Santos Borré	1.495.370,83
Ramiro	3.265.032,47	Joao Rojas	2.470.976,20	Bryan Linssen	1.938.217,36	Nicola Rigoni	1.486.074,77
Conor Coady	3.255.796,71	David Costas	2.468.986,84	Brecht Dejaegere	1.922.448,47	Douglas	1.457.652,66
Lois Diony	3.234.486,40	Dennis Appiah	2.459.254,79	Saman Ghoddos	1.922.192,98	Serdar Aziz	1.453.299,27
Emiliano Insúa	3.217.208,79	Leonardo Capezzi	2.424.674,35	Aziz Behich	1.921.081,08	Carlos Sánchez	1.447.535,73
Toño	3.208.148,09	Junior Hoilett	2.420.797,02	Luiz Fernando	1.916.234,61	Andrea Favilli	1.447.313,92
Xeka	3.206.624,01	Håvard Nielsen	2.419.885,68	Ibrahima Seck	1.905.519,18	Matías Vargas	1.447.038,12
Adama Soumaoro	3.193.334,91	Bart Nieuwkoop	2.410.970,21	Thomas Hubocan	1.902.806,80	Jean	1.445.840,18
Marvelous Nakamba	3.181.718,51	Romain Thomas	2.410.439,19	Ryōta Morioka	1.893.342,07	Ivan Obradovic	1.437.100,43
Marvin Ducksch	3.175.924,27	Igor Rabello	2.401.535,54	Sander Coopman	1.889.898,99	Nuno Sequeira	1.436.942,61
Lassana Diarra	3.123.046,92	Romain Del Castillo	2.401.300,19	Yusuf Yazıcı	1.889.460,24	Francisco Sierralta	1.434.376,65
Ravel Morrison	3.113.778,75	Ariel Cabral	2.396.095,21	Jordan Marié	1.882.476,59	Benjamin Corgnet	1.432.900,76
Casimir Ninga	3.110.233,01	Naim Sliti	2.395.696,88	Edgar Salii	1.881.860,66	Neilton	1.428.732,45
Luiz Araújo	3.092.904,20	Jorge Moreira	2.388.213,11	Luca Valzania	1.874.814,82	Kevin Ramírez	1.428.606,92
Lys Mousset	3.091.018,69	Oscar Hiljemark	2.383.224,14	Eduardo Sasha	1.873.198,44	Sheraldo Becker	1.424.040,59
Adrien Thomasson	3.088.236,75	Diogo Dalot	2.376.232,53	Mohamed Diamé	1.869.832,97	Daniele Dessena	1.416.705,99
Nicolás Blandi	3.070.600,50	Siebe Schrijvers	2.373.153,36	Steven Bergwijn	1.861.463,72	Joel Obi	1.416.631,23
Enzo Pérez	3.051.154,81	Léo Cittadini	2.353.614,21	Kadeem Harris	1.838.827,95	Matías Silvestre	1.414.640,62
Abdelhamid Sabiri	3.043.217,33	Keko	2.343.800,49	Victor Laguardia	1.836.444,41	Phil Foden	1.406.176,39
Patric	3.040.289,89	Lucas Veríssimo	2.337.920,27	Vinicius Araújo	1.834.496,12	Jonathan	1.400.453,03
Juraj Kucka	3.030.815,92	Ignacio Fernández	2.331.260,68	Alessandro Matri	1.833.387,77	Alexander Barboza	1.390.549,71
Adama Traoré	3.018.849,14	Simon Gustafson	2.325.085,60	Adrian Mariappa	1.811.488,10	Gilberto	1.385.253,69
Róber	3.018.706,09	Santiago Tréllez	2.311.045,77	Keagan Dolly	1.800.192,10	Julio Pleguezuelo	1.379.386,58
José Luis Palomino	3.001.651,95	Nicolas Höfler	2.310.757,44	Fred	1.772.025,72	Tristan Dingomé	1.375.448,18
Fábio	2.999.818,77	Oussama Tannane	2.299.527,64	Luca Caldirola	1.771.562,59	Joe Bennett	1.375.363,69
Martín Benítez	2.970.113,79	Oliver Sorg	2.275.097,69	Fabio Quagliarella	1.766.294,46	Lebo Mothiba	1.370.764,95
Yannis Salibur	2.964.899,73	René Júnior	2.270.775,30	Ömer Ali Şahiner	1.742.248,71	Rémi Oudin	1.370.050,27
Brendan Galloway	2.938.271,55	Zinho Gano	2.236.851,92	Andrew Hjulsager	1.739.257,68	Moussa Diaby	1.365.095,38
Matheus Pereira	2.933.550,08	Jérémy Morel	2.236.648,55	Pierrick Capelle	1.730.145,34	Fábio Santos	1.364.706,05
Diego Souza	2.922.496,60	Mats Rits	2.223.511,01	Philippe Sandler	1.724.020,04	Raphael Veiga	1.355.881,64
Guillermo Celis	2.916.813,30	Nicolás González	2.210.143,12	Yūto Nagatomo	1.720.840,62	Jonathan Gradi	1.354.699,80
Ivan Strinic	2.910.365,68	Henri Saivet	2.190.928,29	Aminu Umar	1.682.831,73	Nilton	1.350.618,40
Luan	2.908.000,41	Nicola Murru	2.172.054,66	Cyril Théreau	1.677.408,78	Iván Ramis	1.342.105,42
Vincent Pajot	2.901.652,87	Dusan Basta	2.167.434,34	Ihsan Sacko	1.665.426,04	Emiliano Armenteros	1.338.035,19
Stipe Perica	2.899.866,95	Ximo Navarro	2.153.881,88	Gabriel Gudiño	1.662.871,21	Ayrton	1.327.126,24
Braian Romero	2.897.575,21	Kevin Bonifazi	2.141.796,77	Uros Racic	1.662.202,13	Claud Adjapong	1.314.487,27
Christian Gentner	2.896.655,09	Bilal Basacikoglu	2.133.934,94	Pablo Chavarría	1.658.793,72	Daniilo Avelar	1.310.938,18
Christophe Hérelle	2.893.720,91	Steeve Yago	2.130.173,06	Felipe Melo	1.651.548,80	Léo Santos	1.309.276,34
Facundo Roncaglia	2.839.111,77	Aday	2.118.142,85	Douglas	1.646.370,52	Lisandro López	1.306.705,82
Kyle Walker-Peters	2.835.758,55	Esteban Granero	2.107.852,82	Simone Emmanuello	1.639.337,15	Fredrik Jensen	1.306.241,55
Vaclav Cerny	2.829.985,16	Hanno Behrens	2.101.811,94	Ivan Fiolic	1.638.818,19	Francesco Caputo	1.301.298,63
Marco Sau	2.823.297,54	José Mauri	2.089.415,82	Marcelo Meli	1.635.972,72	Rafael Thyere	1.301.134,01
Julian Schieber	2.800.458,09	Matteo Guendouzi	2.088.372,36	Robert Mazan	1.631.741,18	Lucas Orbán	1.298.873,28
Emmanuel Gigliotti	2.798.136,06	Ghislain Konan	2.082.768,29	Mathieu Debuchy	1.623.053,50	Nélson Monte	1.295.245,52
José Luis Gómez	2.782.480,25	Brandley Kuwas	2.079.234,43	Moussa Niakhaté	1.619.442,86	Georg Margreitter	1.293.261,85
Filippo Romagna	2.774.871,88	Ádám Nagy	2.055.477,65	Taiwo Awoniyi	1.613.141,49	Luka Krajnc	1.292.713,02
Joaquín	2.754.454,42	José Fonte	2.045.436,37	Joaquín Torres	1.609.014,16	Gabrielzinho	1.289.582,45
Ali Adnan	2.753.307,81	Andy Najar	2.038.385,88	Marco Andreolli	1.606.692,70	Luiz Felipe	1.281.355,97
Ricardo Ferreira	2.746.081,49	Marcelo Díaz	2.032.979,51	Fallou Diagne	1.605.200,03	Brian Mansilla	1.276.238,94
Lucas Deaux	2.738.122,34	Dorin Rotariu	2.026.277,29	Lazar Rosic	1.603.897,89	Rolando García Guerreño	1.271.739,00

Figure 4.15: Second part of all test results

Player Name	Model Value	Player Name2	Model Value2	Player Name3	Model Value3	Player Name4	Model Value4
Francesco Zampano	1.268.218,16	Damián Battalini	960.411,79	Mattia Bani	771.242,14	Rafael Costa	619.900,66
Daniel Ciofani	1.265.823,03	Junior Arias	958.004,85	Alexander Büttner	768.828,83	Jordan Lefort	618.255,64
Gonzalo Bettini	1.263.861,28	Victorio Ramis	957.471,50	Juan Ignacio Cavallaro	767.703,25	Ivan Lakicevic	616.535,77
Borna Sosa	1.262.966,43	Deivid	943.726,54	Teddy Chevalier	765.420,33	Luciano Gómez	614.581,57
Felix Beijmo	1.260.267,57	Oscar Plano	938.622,41	Amara Baby	763.309,79	Juan Manuel García	613.761,44
Robinho	1.255.546,62	Brenner	928.949,86	Kik Pierie	760.154,59	Aleksandar Boljevic	607.435,52
Oscar Benítez	1.254.951,79	Rubén Alcaraz	926.001,10	Sakib Aytac	756.489,54	U?ur Çiftçi	607.270,24
Léo	1.241.092,04	Axel Ngando	925.900,57	Sam Schreck	753.975,27	Léo Xavier	600.190,63
Fernando Zampedri	1.233.429,80	Abdülkadir Ömür	919.828,39	Regan Poole	753.306,35	Karim Coulibaly	598.085,73
Ola Aina	1.230.101,99	Fabio Ceravolo	916.021,74	Nuno Coelho	753.160,51	Iasmin Latovlevici	597.336,04
Michel	1.229.589,62	Matías Laba	914.194,52	Panagiotis Vlachodimos	752.497,75	Aurélio Buta	589.747,27
Philipe Sampaio	1.224.030,41	Osman	913.286,76	Rogério	751.697,68	Siphiwe Tshabalala	588.334,49
Mickaël Alphonse	1.204.251,51	Zarko Tomasevic	912.616,03	Diego Viera	749.977,86	Paulo Bóia	587.438,64
Diogo Viana	1.201.324,20	Luca Siligardi	911.574,91	Santiago Giordana	749.350,75	Luís Martins	585.350,44
Nathaniel Mendez-Laing	1.194.709,40	Yasin Öztekin	911.225,08	Alejandro Melo	748.423,82	David Texeira	584.491,96
Tomás Andrade	1.190.248,58	Rodrigo Pimpão	909.417,98	Rodrigo Arciero	748.069,82	Souleymane Camara	581.890,57
Perdigão	1.189.159,74	Lennart Thy	898.669,96	Roderick Miller	743.961,53	Martin Bravo	578.084,50
Nemanja Mihajlovic	1.173.515,82	Javi Guerra	898.063,08	Carraga	740.207,84	Guillermo Acosta	576.348,18
Wilfried Kanon	1.173.458,52	Gastón Campi	897.349,03	Thiago Santana	737.580,87	Marco Rojas	575.508,55
Deni Milosevic	1.170.452,40	Yahya Al-Shehri	891.989,67	Silvestre Varela	732.700,13	Antonino Barillà	575.217,15
Charles Traoré	1.167.626,71	Rajko Rotman	890.129,11	Ramón Lentini	728.194,90	Claudio Mosca	575.002,96
Carlos Benavidez	1.160.581,00	Harry Charsley	889.909,03	Bruno Bianchi	727.684,26	Hichem Belkeroui	568.999,12
Antonio Di Gaudio	1.159.576,32	Matheus Alessandro	889.544,35	Luca Rossetti	727.191,47	Tomás Sandoval	568.676,48
Ahmet Çal?k	1.150.470,32	Daniel Hernández	888.821,33	Fernando Canesin Matos	722.794,93	Jean Armel Drolé	567.340,16
Alfio Oviedo	1.148.727,96	Imoh Ezekiel	886.445,68	Sebastián Olivarez	722.787,29	Atakan Akkaynak	567.166,85
Federico Dimarco	1.131.859,91	Joaquín Ardaiz	885.605,32	Elton Acolatse	717.707,66	Yann Rolim	567.012,92
Nicolás Domingo	1.129.823,37	Khaled Adénon	885.174,47	Fabrizio Alvarenga	717.219,26	Ben Wilmot	565.585,99
Cristian Arango	1.121.893,06	Fodé Ballo-Touré	884.845,51	Samir Memisevic	717.085,88	Armando Obispo	562.478,34
Mohamed Fares	1.121.629,69	Juan Delgado	875.443,34	Nikos Ioannidis	703.292,77	Vincent Vermeij	562.326,44
Fernando Amorebieta	1.117.540,71	Kadu	875.254,38	Abdoul Karim Danté	702.726,66	Lucas Otávio	560.603,84
Mitchell Donald	1.114.672,23	Bruno Jordão	873.060,93	Stanley Elbers	702.491,59	Abdiel Arroyo	555.041,48
Arnaud Nordin	1.103.062,24	Junior Firpo	872.518,97	Bar?? Yard?mc?	702.384,09	Patrick Twumasi	552.473,11
Përparim Hetemaj	1.099.827,44	Malik Tchokounte	867.324,05	Alan Costa	699.372,86	Ibrahim Diallo	551.803,90
Washington Camacho	1.098.362,34	Leonardo Godoy	859.926,66	Bruno Gallo	699.201,87	Paul Papp	551.232,37
Luís Henrique	1.090.512,44	Lucas Gamba	859.148,07	Néris	696.895,48	Luís Ricardo	547.557,30
Elton	1.088.927,15	Claudio Pizarro	844.421,70	Odysseus Velanas	695.167,69	Mitchell van Bergen	546.697,69
Manuel da Costa	1.080.924,14	Lex Immers	843.638,97	Francisco Trincão	693.628,25	Marvin Baudry	545.498,86
Réginal Goreux	1.070.046,98	Jamie Sterry	834.668,30	Abner	693.577,17	Samuel Mraz	545.238,70
Vahid Amiri	1.069.922,06	Wellington	829.557,26	Erik Palmer-Brown	688.505,74	Nwankwo Obiora	543.785,81
Ibrahim Sangaré	1.062.273,56	Pedro Pereira	825.111,76	Bruno Bispo	684.948,69	Miguel Rodrigues	542.648,25
Maximiliano Fornari	1.058.328,58	Federico Peluso	824.887,89	Hernane	683.523,16	Morato	542.372,48
Javi López	1.055.444,80	David Terans	820.339,01	Santiago Zurbruggen	682.045,30	Braian Rivero	539.020,81
Olivier Boscagli	1.050.030,41	Ibañez	818.285,30	Cameron Jerome	678.756,22	Thallyson	538.225,15
Cheick Keita	1.047.740,01	Bergson	816.935,48	Stephen Sama	678.688,38	Tino Susic	532.576,35
Artur	1.045.676,71	Facundo Monteseirín	813.835,13	Jonás Aguirre	677.020,04	Veysel Sar?	531.357,68
Werley	1.045.529,08	Michel Vlap	812.255,99	Luís Amarilla	676.388,05	Raul	528.705,67
Marco Capuano	1.032.662,39	Dany Nounkeu	809.800,66	Elohim Rolland	676.282,05	Callum Roberts	528.032,44
Nonoca	1.032.365,41	Marcelo Estigarribia	808.503,15	Ramiro Costa	673.538,97	Júnior Brumado	526.392,17
Diego Mendoza	1.029.681,72	Vitor Gomes	806.898,08	Nahuel Tenaglia	669.778,09	Luís Machado	525.209,70
Manu García	1.027.814,23	Juninho	805.443,45	Michel Bastos	669.746,98	Franco Troyansky	525.137,68
João Aurélio	1.027.257,43	Dorian Dessoileil	805.329,94	Piqueti	664.856,08	Gregore	525.020,45
Douglas Grolli	1.026.667,99	Nick Venema	804.792,75	Agustín Sandona	661.924,96	Nickson	524.660,62
Krépin Diatta	1.024.735,69	Facundo Silva	801.754,27	Aksel Aktas	661.154,91	Jari Schuurman	521.476,03
Ryan Donk	1.021.981,71	Bebeto	800.788,70	Neto	660.894,63	Rafael Lopes	518.508,88
Robin van Persie	1.021.543,44	Pedro Pinto	797.692,43	Idrissa Touré	656.917,38	Federico Bravo	516.118,92
Giovanni Augusto	1.005.696,01	Mateo Cassierra	794.103,76	Laros Duarte	648.925,08	Umut Nayir	513.012,01
Tomás Cardona	1.005.688,14	Nicola Dalmonte	792.814,77	Ouasim Bouy	639.283,52	Merih Demiral	511.263,20
Felipe Bastos	1.004.793,27	Zinho Vanheusden	792.759,81	Ricardo Noir	639.123,33	Amine Benchaib	510.941,78
Diego Lopes	996.682,92	Fabrizio Cacciatore	789.675,39	Jannik Pohl	631.450,05	François Marquet	509.497,44
Lukas Marecek	988.341,51	Damián Lemos	787.761,83	Felipe Tontini	629.590,93	Stanley Awurum	509.176,59
Pierre Sagna	986.989,65	Nicolás Domínguez	787.713,07	Bobô	629.195,60	Martin Lucero	507.367,40
Laurent Ciman	983.497,66	Gonzalo Escobar	781.321,36	Jhonder Cádiz	626.686,58	Thomas Lam	503.240,95
Emmanuel Adjeh Sowah	975.238,51	Sherel Floranus	780.777,83	Marcelo Mattos	626.204,03	Steve De Ridder	503.216,62
Mauro Ortiz	972.901,34	Clint Leemans	779.327,07	Patrick Joosten	621.929,88	Erik Bakker	501.520,45
Pablo	968.802,25	Vito van Crooy	775.306,32	Wellington Paulista	621.879,56	Damián Martínez	500.988,50

Figure 4.16: Third part of all test results

Player Name	Model Value	Player Name2	Model Value2	Player Name3	Model Value3	Player Name4	Model Value4
Diego Cardoso	498.474,46	Juan Álvarez	350.898,77	Léon Valentin	241.917,98	Carlos Araujo	132.618,10
Marcão Silva	495.189,07	Lucas Rocha	347.570,15	Kanu	241.306,55	Sebastián Herrera	131.970,01
Matias Fissore	494.456,66	David Henen	346.939,58	Luca Matarese	240.837,32	Tim van de Berg	131.626,12
Bruno Urribarri	493.801,45	Deyovaisio Zeefuik	344.502,65	Adilson	238.964,82	Hasan Bilal	131.621,08
Dorian Dervite	492.904,86	Pedrao	344.295,70	Jorge Fernandes	236.115,80	Aleksandar Palamar	130.781,39
Moestafa El Kabir	491.116,93	Mounir El Allouchi	339.422,54	Sahverdi Çetin	232.223,45	Yusuf Çelik	130.050,33
Raffaele Alcibiade	490.445,62	Juan Pablo Torres	338.374,76	Christopher Braun	230.916,79	Nikolaos Baxevanos	128.314,93
Jovan Stojanovic	487.955,14	Kenny Rocha Santos	338.340,27	Anderson Arroyo	230.195,03	Durval	128.046,31
Tim Handwerker	485.095,60	Bryan Róchez	337.001,85	Gjoko Zajkov	229.397,00	Jones Carioca	126.562,31
Didier Lamkel Ze	483.908,34	Valtteri Moren	335.434,02	Renzo Vera	227.650,77	Josip Maganjić	126.409,40
Brendan Hines-Ike	483.734,83	Matheus Cassini	334.837,54	Gabriel Guerra	224.905,07	Matheus	126.244,94
Greg Leigh	482.248,02	Zan Celar	332.898,48	Mattia Pitzalis	221.456,01	Yegor Nazaryna	125.738,14
Arsen Khubulov	481.803,92	Bruno Moraes	331.317,31	Gianmaria Zanandrea	218.463,83	Phakamani Mngadi	125.328,90
Jurich Carolina	480.109,28	Mauro Savastano	330.794,38	Julian Chabot	218.403,73	Roberto Brum	123.304,68
Juan Castillo	477.678,09	Giuseppe Carriero	328.118,87	André Vidigal	218.185,19	Gastón Martínez	122.417,72
Mathias Abero	475.715,25	Berny Burke	327.014,89	Julián Marcioni	215.854,29	Óscar Mingueza	118.610,30
Mërgim Vojvoda	473.781,83	Marko Miric	325.386,31	Karlo Butic	215.657,83	Santiago Rodríguez	117.307,48
Leonel Ferroni	471.998,48	Léo	324.719,21	Bruno Rodrigues	212.341,92	Raël Nzeza	117.214,41
Boubakary Soumaré	471.121,69	Alexander Bannink	324.413,55	Maximilian Rossmann	209.862,68	Roy Gielen	113.973,12
Geovane	469.756,93	Pawel Jaroszynski	322.082,87	Marco Olivieri	209.815,18	Victor San Bartolomé	113.731,00
Karlo Lulic	465.196,54	Yan	321.313,55	Niels Coussement	208.113,41	Jordy Gillekens	113.637,36
Antoñito	460.553,63	Félix Banega	320.201,43	Diego Galo	207.132,99	Juan Cruz Areco	111.929,03
Lucas Suárez	459.133,83	Riccardo Cappa	320.108,23	Gavin Vlijter	201.645,24	Sam van Huffel	111.479,10
Paolo Sammarco	451.932,60	Luís Fabiano	319.994,11	Dries Saddiki	197.960,50	Odeni George	109.777,52
Rafael Marques	448.335,65	Emanuel Vignato	318.665,30	Ciro Campuzano	197.064,10	Gabriele Gbilterra	109.697,24
Khalid Karami	442.934,94	Carlos Luna	318.277,84	Tobias Salquist	195.788,12	Àlex Collado	107.523,09
Tiago Mesquita	442.458,04	Nicolas Frey	318.270,68	Iván Gómez	195.106,56	Pablo Pardo	107.499,26
Hélder Barbosa	441.863,44	Hicham Mahou	316.704,47	Danilo	194.253,15	Denzel Jubitana	106.659,35
Fashion Sakala	439.866,32	Kadir Kele?	313.552,10	Dugocan Haspolat	194.007,93	Lucas Jofré	106.396,94
Alexis Niz	436.616,08	Wout Faes	311.234,97	Fernando Torrent Giudi	192.825,72	Yassine Salah	105.785,25
Sad'eed Yusuf Ahmat	435.615,79	Silvio Anodic	311.202,33	Ramon	192.754,43	Miguel De la Fuente	105.535,56
Darlan	432.005,14	Juan Cepas	306.836,45	Alfredo Stephens	192.133,75	Sergio Sanchez	104.780,31
Mathieu Bodmer	430.186,79	Sascha Kotysch	305.985,93	Niclas Stierlin	186.145,82	Alan Robledo	103.881,56
Erdoğan Yeşilyurt	428.820,69	Fabien Garcia	300.838,44	Edson Júnior	186.048,90	Okan Yilmaz	100.690,16
Mariano Pavone	428.546,28	Alisson Borges	300.697,98	Marco Ospitalieri	184.544,19	Daam Foulon	99.209,98
Avto	427.033,22	Guillermo Beltrán	299.111,37	Oswaldo Arroyo	183.454,39	Delano Grootenhuys	97.878,54
Xavier Mercier	426.492,04	Paolo Ghiglione	298.654,93	Marquinhos	178.973,05	Zacharia Diallo	96.431,13
Maximiliano Coronel	419.484,33	Gabriel Fernandes	297.038,06	Bart Straalman	178.115,31	Federico Valietti	91.792,67
Ziya Erdal	417.679,56	Nazareno Bazán Vera	296.370,14	Lucas Lazo	175.817,56	Massimo Bertagnoli	90.036,86
Manuel Pasqual	415.871,25	Omri Ben-Harush	293.012,21	Bruno Fernández	175.747,15	Enzo López	89.234,20
Derley	414.500,19	Malik Karaahmet	287.669,12	Yoann Etienne	175.653,52	Bo Breukers	85.039,54
Nicolas Garmendia	411.792,46	Taha Yalcıner	283.558,10	Leandro González	174.591,45	Diego Rivero	84.424,78
William Owusu	410.567,40	Enzo Ybáñez	281.116,40	Gonzalo Castillejos	174.033,12	Ahmed ?ldiz	83.880,41
Facundo Quintana	407.560,57	Donato	280.449,91	Leandro Lacunza	170.710,97	Marlon Üçüncü	81.662,34
Miguel Angel Martínez	404.410,52	Nii Plange	276.405,04	Javier Gandolfi	170.392,32	Do?ukan Sinik	79.331,06
Lautaro Comas	403.844,78	Matija Lujic	276.096,33	Jerdy Schouten	170.299,11	Atakan Kesgin	79.073,75
Leo Stulac	399.163,02	Giorgos Galitsios	275.702,04	Luca Baldassin	169.995,46	Patrick	78.141,94
Juan Ignacio Sills	397.993,28	Santiago González	274.558,47	Elizio	168.076,34	Alessandro Gabbani	77.715,25
Leandro Grimi	397.428,17	Zakarya Bergdich	268.785,82	Mikael	167.844,31	Bai Kamara	77.229,43
?brahim Akda?	395.636,67	Martin Galmarini	268.084,96	Sidrit Guri	164.048,02	Erdon Daci	76.262,96
Matteo Gabbia	393.507,76	Jordan Brown	268.025,65	Ryan Nolan	162.897,93	Dal Varesanovic	74.953,47
Elias Már Ómarsson	387.131,36	Medjon Hoxha	266.497,57	Matias Aguirre	157.565,33	Agustín Sánchez	73.280,30
Sebastian Jakubiak	386.696,75	Kristof D'Haene	265.303,10	Vinicius	157.454,82	Giacomo Ferrazzo	71.879,53
Kenan Horic	384.345,26	Rodrigo Pacheco	262.084,71	Gianni Rodríguez	156.787,71	Mehmet Kalkan	70.844,36
Eron	381.854,07	Andrea Isufaj	260.538,94	Moussa Faye	153.309,31	Jonathan Mambabua	70.315,34
Rodrigo Amaral	379.272,73	Agustín Fontana	258.254,20	Andrés Llamas	150.033,52	Karolis Uzela	69.568,12
Ricardo Faty	379.092,04	Nicky Medja	258.237,71	Davide Buglio	149.765,15	Bubacar Baldé	69.412,57
Nuno Campos	377.732,45	Nicholas Opoku	255.903,85	Davide Bettella	148.075,26	Alexis Vega	69.039,74
Julián Illanes	375.662,15	Nicola Danieli	252.569,73	Indy Boonen	143.593,57	Jan Ras	68.877,29
Michiel Jonckheere	375.129,07	O?uzhan Aydo?an	252.520,05	Gabriele Bellodi	143.589,76	Davide Savi	66.249,73
Donny Gorter	370.804,86	Finn Stokkers	249.332,90	Alerrandro	143.579,00	Mamadou Doucouré	65.807,93
Lucas Schoofs	367.694,70	Lucas Espindola	248.643,25	Bilal K?sa	143.192,27	Riccardo Cargnelutti	65.768,14
Stefan O'Connor	364.121,33	Braian Samudio	247.508,02	Julián Acosta	142.178,02	Gaetano Maranzino	62.869,19
Jake Clarke-Salter	362.018,95	Siebe Blondelle	245.428,38	Andrés Ayala	141.024,34	Evert Linthorst	61.632,00
Duckens Nazon	354.166,24	Kaloyan Krastev	244.532,30	Giuseppe Borello	140.763,36	Valentin Gendrey	61.203,51
Ilombe Mboyo	351.462,55	Facundo Nadalín	242.069,81	Juninho	132.871,68	Alessandro Bianconi	53.316,97

Figure 4.17: Fourth part of all test results

4.5 Decision Trees Model

The second decision tree method which will be used is decision trees. Decision tree models are generally worse in accuracy and better in interpretability, however techniques such as random forests, and extreme gradient boosting are very helpful to increase accuracy also. Decision tree model creating process starts with recursive binary splitting, and methods of pruning, random forests, and extreme gradient boosting are applied to data to find the best possible predictions.

4.5.1 Recursive binary splitting and pruning

At first a recursive binary splitting decision tree has been fitted to the training set. This is the most empirical type of decision tree models and it is likely to over fit in many situations.

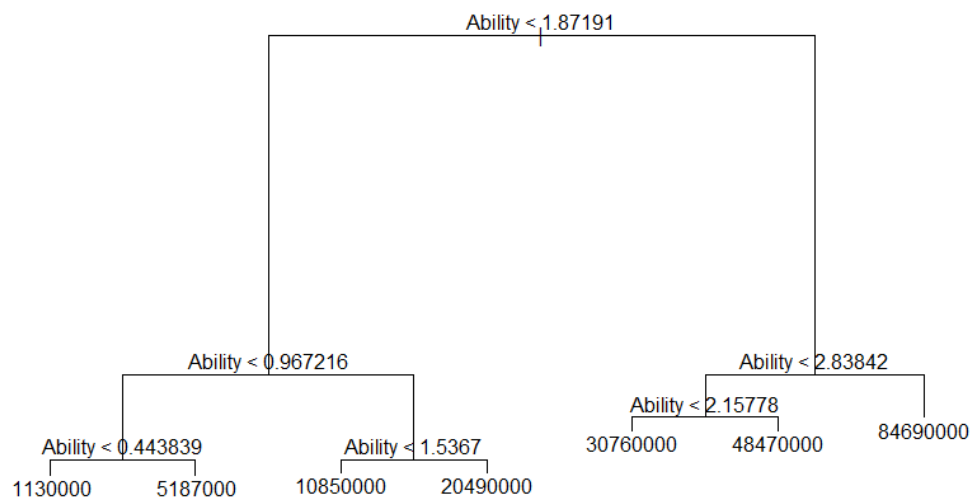


Figure 4.18: The decision tree grown in the train set

As seen in above figure, the decision tree has grown only using “Ability” independent variable; consequently, it can be concluded that “Ability” independent variable is a very strong predictor which overwhelms the other predictors.

To find out if recursive binary splitting model has over fitted the training set, pruning has been applied to it. The best number of splits has been chosen by comparing their deviances.

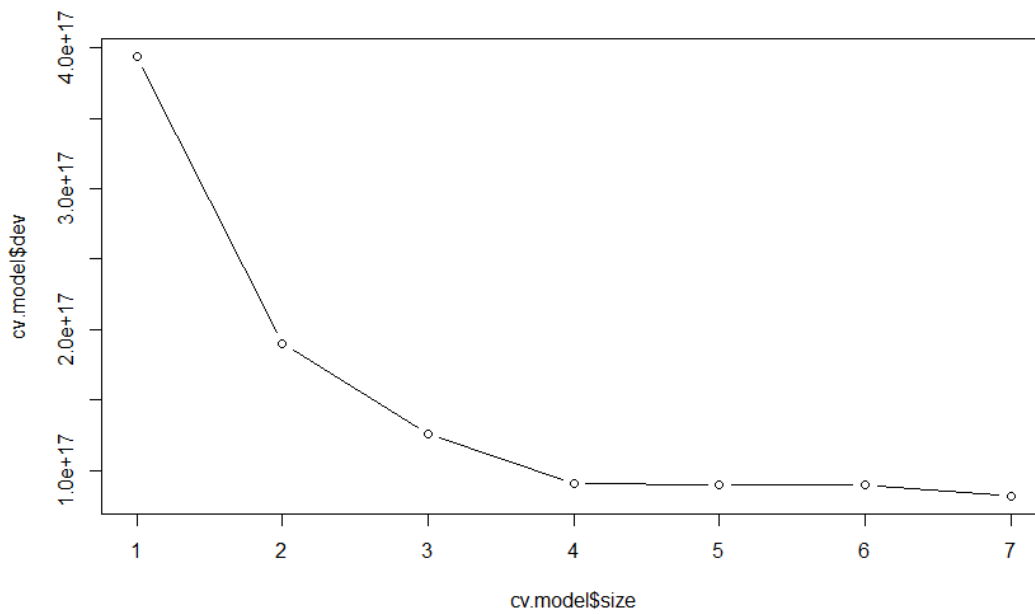


Figure 4.19: Change in deviance with respect to model size

Figure 4.20 shows that the pruning will not increase the performance of the first greedily grown tree, because the minimum deviance has been provided by the biggest tree.

As a result, at this stage the best model is recursive binary splitting decision tree model and the best MSE is 1.302913 .

4.5.2 Random forests

After finding out that the “Ability” predictor is much stronger than other predictors, random forest method is very promising to improve the prediction accuracies because of its principal to choose predictors randomly. By this way, in some of the grown trees, the strong predictors will be ignored and weaker predictors will also

affect the prediction accuracy. To perform the best random forest modeling on the training set, at first the optimum number of predictors which will be used in model building has been selected.

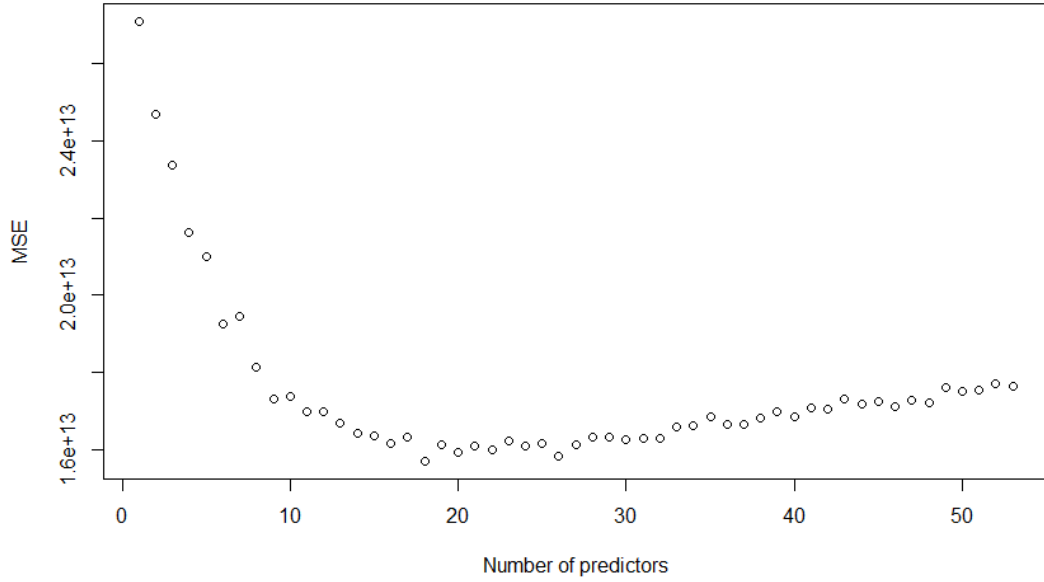


Figure 4.20: Change in MSE with respect to selected number of predictors (m)

18 predictors has been selected which means that in every bootstrapped data, 18 of 55 predictors will be selected randomly and will be used to grow decision trees for every bootstrapped data set. After creating all trees, the final model will be the ensemble of all trees.

From the best model with 18 random variables, the MSE is calculated as 0.9492296 .

4.5.3 Extreme gradient boosting

Till now, decision tree results has improved significantly with random forests application, however in many cases, extreme gradient boosting is more promising to have more accurate predictions. Because of the high number of parameters in this method, firstly a parameter tuning by grid search technique has been applied to find the best value for each parameter.

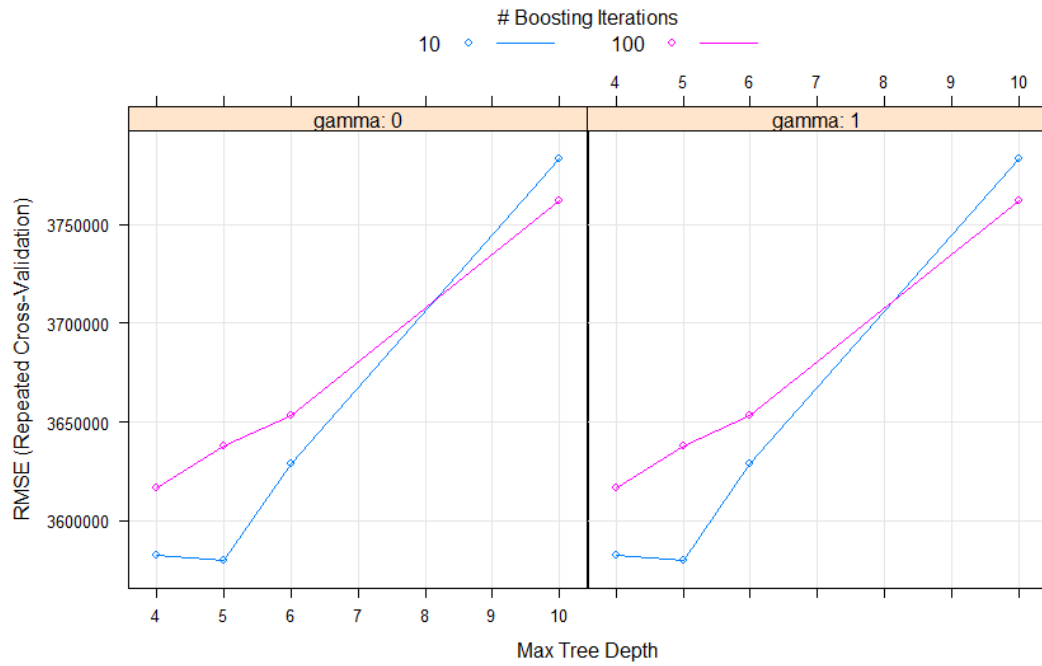


Figure 4.21: RMSE with respect to gamma, iteration number, and max depth parameters.

From this plot, it can be seen that the gamma parameter does not affect the root mean square error ($RMSE$) so it is taken as 0, number of boosting iterations as 10 and the maximum tree depth as 5 to minimize the $RMSE$ as much as possible. After finding the optimal values of parameters, the extreme gradient boosting method has been applied to the train set. Although it is a low interpretable method, the importance of variables in the built model can be shown.

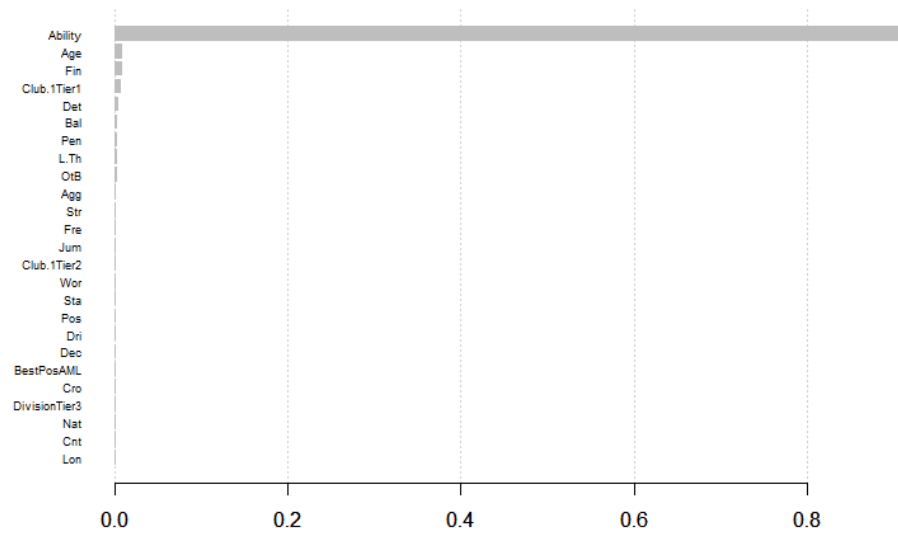


Figure 4.22: Importance plot of independent variables

As seen from the importance graph, “Ability” predictor is again much stronger than other predictors; however, the other variables also effect the predictions even if they are much weaker. In this situation, the variables other than “Ability” play an important role to increase accuracy of the predictions and decrease *MSE*.

4.5.4 Interpretation of results

NAME	MODEL VALUE	NAME2	MODEL VALUE2	NAME3	MODEL VALUE	NAME4	MODEL VALUE
Luis Suárez	82.888.136,00	Antonio Candreva	15.597.908,00	Andrea Petagna	9.782.046,00	Álex Berenguer	6.788.471,00
Harry Kane	79.372.416,00	Serge Gnabry	15.575.898,00	Lucas Tousart	9.706.840,00	Lautaro Acosta	6.733.111,50
Philippe Coutinho	78.198.648,00	Radamel Falcao	15.359.028,00	Paulinho	9.534.928,00	Armando Izzo	6.636.017,00
Toni Kroos	77.894.088,00	Wesley Hoedt	15.346.200,00	Kenny Tete	9.454.046,00	Senad Lulic	6.631.786,00
Sergio Busquets	75.729.816,00	Dayot Upamecano	14.974.536,00	José Izquierdo	9.441.976,00	Emre Mor	6.547.196,50
Mauro Icardi	74.149.248,00	Juan Bernat	14.859.906,00	Yoshinori Mutô	9.285.052,00	Jon Bautista	6.531.775,50
Saúl	62.575.540,00	Luiz Gustavo	14.755.582,00	Adama Traoré	9.282.464,00	Recio	6.518.298,50
N'Golo Kanté	58.076.892,00	Leonardo Spinazzola	14.657.616,00	Juan Jesus	8.994.918,00	Derrick Luckassen	6.487.914,00
Christian Eriksen	55.761.384,00	Gerard Moreno	14.641.438,00	Jordan Torunarigha	8.981.418,00	Jailson	6.471.595,50
Timo Werner	52.400.820,00	João Moutinho	14.213.912,00	Adam Ounas	8.960.188,00	Lucas Castro	6.455.115,50
Miralem Pjanic	50.342.992,00	Diego Llorente	14.165.004,00	Cristiano Piccini	8.931.106,00	Reiss Nelson	6.415.376,00
Thiago	50.046.904,00	Marc Bartra	14.145.412,00	Salif Sané	8.868.108,00	Mikel Balenziaga	6.382.615,00
Alexandre Lacazette	49.800.032,00	Sebastián Coates	14.074.736,00	William	8.836.846,00	Santiago Caseres	6.382.377,00
Virgil van Dijk	47.900.368,00	Marcel Halstenberg	13.815.510,00	Mário Rui	8.788.936,00	Ryan Fraser	6.329.886,50
Raheem Sterling	46.555.940,00	Sergio Escudero	13.760.488,00	Marko Grujic	8.772.254,00	Roberto Rosales	6.317.691,50
Marco Reus	45.640.592,00	Roberto Soriano	13.684.344,00	Mouctar Diakhaby	8.716.262,00	Jason Denayer	6.299.180,00
Ivan Rakitic	45.345.368,00	David Neres	13.605.974,00	Iván Marcano	8.638.082,00	Samuel Grandsir	6.244.060,00
Naby Keita	45.101.428,00	Iago Falqué	13.591.976,00	Steve Mounié	8.585.708,00	Nemanja Maksimovic	6.191.974,00
Sergio Ramos	41.338.380,00	Willi Orban	13.380.156,00	Gervinho	8.324.276,50	Ricardo Esgaio	6.174.354,00
Mohamed Salah	41.191.312,00	Lars Bender	13.338.080,00	Alex Pritchard	8.230.569,00	Nicolás Blandi	6.120.139,50
David Alaba	39.945.336,00	Óliver	13.321.658,00	Christian Kabasele	8.198.299,50	Fabian Schär	6.109.601,00
Alex Sandro	39.895.536,00	Marco van Ginkel	13.156.594,00	Chancel Mbemba	8.191.892,00	Roberto Inglese	6.031.236,00
Casemiro	39.893.236,00	Andrew Robertson	13.124.580,00	Luka Jovic	8.181.806,50	Alan Franco	6.030.469,00
Marquinhos	39.088.884,00	Daley Blind	13.017.642,00	Adil Rami	8.175.603,00	José Luis Gómez	6.003.179,00
Ivan Perisic	38.446.576,00	Theo Hernández	12.950.244,00	Achraf	8.146.834,50	Juraj Kucka	5.975.047,50
Henrikh Mkhitaryan	37.427.024,00	James Ward-Prowse	12.615.746,00	Vlad Chiriches	8.133.197,00	Ladislav Krejci	5.964.949,00
Willian	32.955.712,00	Bas Dost	12.461.752,00	John Guidetti	8.010.505,00	Leandro Fernández	5.897.910,50
Ander Herrera	29.815.412,00	Callum Wilson	12.377.148,00	Jesé	7.990.954,00	Aymen Abdennour	5.872.169,50
Emre Can	29.171.704,00	Robbie Brady	12.275.160,00	Raúl Albiol	7.966.476,00	Carlos Izquierdoz	5.799.611,00
Arturo Vidal	27.929.838,00	Wendell	12.071.908,00	Alexander Sørloth	7.960.020,50	Jack Stephens	5.708.520,00
Antonio Rüdiger	27.586.670,00	Rafael	12.062.472,00	Salomón Rondón	7.934.364,00	Facundo Roncaglia	5.645.996,50
Jorginho	26.344.620,00	Thiago Maia	11.987.028,00	Mason Holgate	7.911.144,50	Keko	5.640.919,50
Keita Baldé	26.334.270,00	Jesús Vallejo	11.966.080,00	Rachid Ghezzal	7.911.060,00	Jesús Navas	5.591.399,00
Vitolo	26.325.376,00	Unai Núñez	11.838.478,00	Adam Marusic	7.739.002,00	Benjamin Bourigeaud	5.583.030,50
Piotr Zielinski	25.902.266,00	Panagiotis Retso	11.751.542,00	Karl Toko Ekambi	7.696.127,50	Cristian Espinoza	5.534.968,50
Jan Vertonghen	25.655.244,00	William José	11.699.926,00	Rodrigo Ely	7.637.156,50	Henrique Dourado	5.533.420,00
Kevin Strootman	25.654.048,00	James McCarthy	11.612.048,00	Ricardo Horta	7.611.838,50	Neven Subotic	5.482.585,00
José Callejón	25.544.832,00	Giorgian De Arrascaeta	11.608.592,00	Janik Haberer	7.590.549,50	Javi García	5.460.342,00
Victor Wanyama	25.527.728,00	Stefano Sturaro	11.525.386,00	Marcel Tisserand	7.567.726,00	Roger	5.457.520,50
Quincy Promes	23.971.500,00	Clément Lenglet	11.522.232,00	Léo Dubois	7.558.627,00	Matheus Pereira	5.433.419,00
Michy Batshuayi	23.756.736,00	Ben Gibson	11.425.866,00	Mario Pasalic	7.535.003,50	Stefan Radu	5.393.289,50
Florian Thauvin	23.103.232,00	Matthijs de Ligt	11.420.312,00	Sébastien Corchia	7.455.767,50	Marc Stendera	5.388.823,00
Raphaël Guerreiro	22.689.026,00	Sven Bender	11.408.136,00	Andrea Ranocchia	7.415.703,50	Gustavo Cabral	5.356.630,00
Arkadiusz Milik	21.185.164,00	Lautaro Martínez	11.402.130,00	Daniel Alves	7.403.056,50	Ádám Szalai	5.329.893,00
Carlos Soler	21.157.368,00	Ben Chilwell	11.225.672,00	Tolga Ciğerci	7.380.787,00	Jonjo Kenny	5.322.940,50
João Mário	21.072.710,00	Karim Rekik	11.174.186,00	Daniel Amartey	7.377.344,50	Joaquín Torres	5.313.350,50
Trent Alexander-Arnold	19.756.328,00	Álvaro	11.095.434,00	Nicolás Castillo	7.371.154,50	Daley Sinkgraven	5.312.514,50
Nathaniel Clyne	19.474.026,00	Rodri	10.918.278,00	Marcelo Saracchi	7.313.290,00	Kyle Walker-Peters	5.265.291,00
Youri Tielemans	18.893.914,00	Rob Holding	10.780.614,00	André Hahn	7.306.234,50	Borja García	5.149.056,50
Demarai Gray	18.453.364,00	Ainsley Maitland-Niles	10.547.244,00	Hélder Costa	7.280.175,00	Ken Sema	5.066.546,50
Kevin Gameiro	18.345.594,00	Rodrigo Battaglia	10.498.424,00	Cheikhou Kouyaté	7.271.816,00	Nikola Milenkovic	5.053.278,00
Mitchell Weiser	17.687.354,00	Thorgan Hazard	10.271.164,00	Gianluca Lapadula	7.217.507,50	Ciaran Clark	5.051.525,50
Rodrigo Bentancur	17.472.056,00	Kevin Vogt	10.195.046,00	Jordan Ferri	7.202.660,50	Ramiro	5.040.098,00
Rodrigo	16.992.350,00	Luciano Vietto	10.086.696,00	Charlie Taylor	7.184.163,00	Ricardo Kishna	5.029.811,00
Kerem Demirbay	16.963.960,00	Ramadan Sobhi	10.070.046,00	Jean-Philippe Gbamin	7.111.915,50	Ricardo Centurión	4.960.054,00
Marko Rog	16.914.484,00	Andros Townsend	10.033.388,00	João Novais	7.104.178,50	Björn Engels	4.941.669,50
Mateo Musacchio	16.785.218,00	Troy Deeney	9.901.972,00	Joelinton	7.010.988,50	Luan	4.905.625,50
Xherdan Shaqiri	16.744.598,00	Joris Gnagnon	9.886.692,00	André Almeida	6.958.175,00	Steven Skrzybski	4.899.692,50
Faouzi Ghoulam	16.118.236,00	Lucas Lima	9.838.700,00	Jorrit Hendrix	6.945.961,50	Jean-Eudes Aholou	4.891.560,00
Denis Zakaria	16.037.754,00	Franco Vázquez	9.810.162,00	Lucas Romero	6.913.070,00	Ezequiel Schelotto	4.871.817,00
Mamadou Sakho	15.896.332,00	Steve Cook	9.809.052,00	Carles Aleñá	6.866.002,50	Matt Lowton	4.844.844,00

Figure 4.23: First part of all test results extreme gradient boost model

NAME	MODEL VALUE	NAME2	MODEL VALUE2	NAME3	MODEL VALUE3	NAME4	MODEL VALUE
Xeka	4.591.329,50	Christophe Hérelle	3.439.327,25	Romain Thomas	2.505.752,50	Alessandro Matri	1.964.520,63
Stipe Perica	4.555.439,00	Ali Adnan	3.410.714,00	Ángel	2.499.942,50	Raphael Veiga	1.964.006,13
Shinji Okazaki	4.522.721,00	Loïs Diony	3.407.338,75	Nicola Rigoni	2.498.381,75	Përparim Hetemaj	1.930.264,38
Jordi Mboula	4.519.868,00	Igor Rabello	3.403.865,00	Marcus Thuram	2.493.753,25	Mauro Ortiz	1.928.877,50
Yves Bissouma	4.495.988,50	Marvelous Nakamba	3.402.354,50	Fábio	2.491.945,25	Damián Batallini	1.916.205,25
Kevin Mirallas	4.493.996,00	Marcelo Díaz	3.398.044,00	Romain Del Castillo	2.488.680,25	Thomas Bruns	1.911.457,38
Willian Arão	4.421.593,00	Marco Sau	3.397.968,50	Saman Ghoddos	2.485.659,25	Moussa Niakhaté	1.907.467,25
Pierre Lees-Melou	4.415.577,00	Joel Obi	3.392.178,25	Julian Schieber	2.439.380,75	Marcelo Meli	1.906.286,75
Ivan Strinic	4.414.392,50	Raniel	3.345.389,50	Junior Hoilett	2.414.219,50	Nélson Monte	1.903.238,25
Florian Lejeune	4.410.099,00	Yusuf Yaz?c?	3.328.149,25	Manuel Gulde	2.402.113,00	Christian Gentner	1.896.193,75
Leonardo Capezzi	4.395.105,50	Lassana Diarra	3.300.448,00	Unai Bustinza	2.396.671,00	Ömer Ali ?ahiner	1.882.440,50
Guillermo Celis	4.392.529,50	Pascal Köpke	3.279.130,50	Nejc Skubic	2.374.609,00	Harrison Manzala	1.876.959,88
Ludovic Blas	4.389.764,00	Ivan Santini	3.273.210,25	Ola Aina	2.374.391,00	Philipe Sampaio	1.875.106,00
Nicola Murru	4.361.907,00	Marvin Ducksch	3.271.608,00	Aminu Umar	2.357.975,25	Mohamed Diamé	1.871.941,13
Santi Comesaña	4.347.951,50	Adama Soumaoro	3.270.106,50	Ihsan Sacko	2.356.408,25	Jordan Marié	1.869.668,00
Diogo Dalot	4.346.043,00	Matteo Guendouzi	3.266.457,25	Aziz Behich	2.346.979,25	Adel Taarabt	1.867.900,75
Adrien Thomasson	4.277.041,00	Ignacio Fernández	3.264.767,00	Ariel Cabral	2.315.339,25	Fernando Amorebieta	1.863.440,13
Luca Waldschmidt	4.262.848,00	Emmanuel Gigliotti	3.261.035,25	Ayriel Correa	2.304.170,25	Kevin Ramirez	1.856.304,38
Stefano Okaka	4.256.506,00	José Luis Palomino	3.247.133,00	Yéni Ngbakoto	2.300.573,75	Berat Djimsiti	1.855.535,38
Brandley Kuwas	4.223.962,50	Emil Berggreen	3.228.914,50	Mathieu Debuchy	2.300.512,00	Idriss Saadi	1.845.601,88
Leandro Trossard	4.219.517,50	Enzo Pérez	3.211.073,25	Philippe Sandler	2.291.623,25	Yahya Al-Shehri	1.831.827,25
Juninho Bacuna	4.189.774,75	Renato Tapia	3.183.724,25	Ibrahima Seck	2.286.249,00	Fabrizio Cacciatore	1.819.326,63
Filippo Romagna	4.171.512,25	Braian Romero	3.177.409,75	Cyril Théreau	2.284.335,75	Steeve Yago	1.817.189,00
Ricardo Ferreira	4.162.046,75	Nicolas Höfler	3.173.076,75	Allan Nyom	2.265.975,75	Brecht Dejaegere	1.808.659,13
Nicolás González	4.098.265,50	Pedro León	3.172.018,50	Gabriel Gudíño	2.260.922,75	Felix Beijmo	1.804.698,00
Federico Fernández	4.092.801,00	David Costas	3.162.297,00	Ayrton	2.255.081,00	Santi Cazorla	1.776.843,00
Luiz Araújo	4.070.491,50	Marcus Ingvarsten	3.149.718,00	Jean	2.234.877,00	Kik Pierie	1.760.461,00
Léo Pelé	4.034.553,00	Ignasi Miquel	3.134.164,50	René Júnior	2.230.243,00	Artur	1.758.443,88
Genki Haraguchi	4.031.226,00	Neilton	3.036.782,00	Jonathan	2.228.486,00	Ryôta Morioka	1.757.928,50
Steven Bergwijn	4.029.323,50	Abdelhamid Sabiri	2.997.212,75	Favio Álvarez	2.226.799,25	Joao Rojas	1.757.103,63
Rubén Pardo	4.018.416,50	Lys Mousset	2.966.454,25	Eduardo Sasha	2.213.130,25	José Fonte	1.733.466,00
Bernardo	3.914.781,50	Marinho	2.957.800,75	Zinho Gano	2.210.999,00	Nonoca	1.727.252,13
Oscar Hiljemark	3.898.087,50	Oussama Tannane	2.946.911,00	Yûto Nagatomo	2.191.411,50	Nílton	1.725.135,88
Nicolas Pépé	3.837.055,00	Vaclav Cerny	2.929.323,75	Brendan Galloway	2.181.519,50	Serdar Aziz	1.723.008,38
Phil Foden	3.807.451,00	Toño	2.928.882,25	Santiago García	2.181.218,25	Luca Valzania	1.721.769,00
Kevin Bonifazi	3.780.875,25	Alexander Barboza	2.873.214,25	Vincent Pajot	2.162.952,50	Lazar Rosic	1.721.769,00
Conor Coady	3.759.767,50	Aday	2.831.530,25	Santiago Trélliez	2.154.244,50	Diego Contento	1.717.520,88
Róber	3.759.767,50	Lucas Deaux	2.812.494,75	Dennis Appiah	2.153.946,50	Cortez	1.711.069,88
Alexander Esswein	3.748.000,00	Naïm Sliti	2.800.596,75	Mats Rits	2.119.913,25	Vinicius Araújo	1.710.695,50
Matheus Jesus	3.717.123,75	José Mauri	2.793.611,00	Luca Caldirola	2.114.156,25	Rémi Oudin	1.710.167,13
Lukasz Teodorczyk	3.699.155,00	Kevin Stöger	2.787.409,50	Ghislain Konan	2.101.125,00	Vito van Crooy	1.710.052,13
Alexandre Mendy	3.693.070,25	Joaquín	2.780.648,00	Fred	2.098.412,75	Pablo Chavarría	1.694.438,13
Bilal Basacikoglu	3.690.218,25	Mehdi Abeid	2.779.178,00	Cristian Arango	2.074.847,13	Jérémy Morel	1.691.797,25
Fredy Montero	3.668.054,25	Abdülkadir Ömür	2.741.721,75	Keagan Dolly	2.066.331,50	Óscar Benítez	1.677.791,00
Borja Valero	3.664.894,25	Bart Nieuwkoop	2.737.490,75	Maximiliano Fornari	2.062.908,75	André Poko	1.671.969,88
Kara	3.661.103,50	Ximo Navarro	2.726.865,00	Junior Firpo	2.057.225,63	Marco Andreolli	1.666.520,13
Vadis Odjidja-Ofoue	3.660.204,75	Daniel Schwaab	2.714.297,00	Henrique	2.056.527,88	Iván Ramis	1.665.634,00
Casimir Ninga	3.607.009,00	Diego Souza	2.703.723,25	Hanno Behrens	2.053.656,50	Jules Iloki	1.664.144,25
Jonas Martin	3.601.396,00	Taiwo Awoniyi	2.692.965,00	Andy Najar	2.046.965,63	Ivan Fiolic	1.663.748,25
Gaëtan Laborde	3.571.407,75	Henri Saivet	2.683.673,50	Víctor Laguardia	2.042.956,88	Fabio Quagliarella	1.657.477,25
Yannis Salibur	3.569.834,25	Andrew Hjulsager	2.656.037,25	Francisco Sierralta	2.039.831,50	Diogo Viana	1.655.095,00
Luiz Fernando	3.554.067,25	Dusan Basta	2.635.733,75	Queensy Menig	2.008.520,38	Gonzalo Bettini	1.655.071,88
Jonathan Schmid	3.552.202,25	Jorge Moreira	2.632.148,25	Matías Vargas	1.996.742,88	Reinaldo	1.654.691,00
Douglas	3.548.218,75	Léo Cittadini	2.631.747,50	Léo Santos	1.994.419,88	Ryan Donk	1.651.906,63
Oliver Sorg	3.541.744,75	Majeed Waris	2.630.404,00	Sheraldo Becker	1.987.313,75	Léo	1.635.171,13
Darwin Machís	3.540.499,50	Kevin Möhwald	2.582.687,50	Robin van Persie	1.983.458,38	Moussa Diaby	1.624.814,25
Robinho	3.521.426,00	Dennis Aogo	2.570.811,00	Esteban Granero	1.979.214,75	Cheick Keita	1.624.657,88
Nemanja Radonjic	3.506.062,00	Simon Gustafson	2.561.856,00	Fernando Tissone	1.974.791,75	Gastón Campi	1.619.586,88
Lass Bangoura	3.479.968,50	Ravel Morrison	2.559.650,75	Robert Mazan	1.967.803,13	Dorin Rotariu	1.616.415,00
Filip Bradaric	3.462.396,50	Siebe Schrijvers	2.558.809,25	Andrea Favilli	1.967.202,13	Krépin Diatta	1.611.345,75
Claud Adjapong	3.454.422,75	Håvard Nielsen	2.534.528,50	Bartosz Bereszynski	1.966.285,38	Matías Aguirre	1.609.299,38

Figure 4.24: Second part of all test results extreme gradient boost model

NAME	MODEL VALUE	NAME2	MODEL VALUE2	NAME3	MODEL VALUE3	NAME4	MODEL VALUE4
Tomas Hubocan	1.520.613,75	Gabrielzinho	1.215.787,50	Alejandro Melo	967.836,75	Marvin Baudry	779.234,13
Tomás Cardona	1.513.080,13	Uros Racic	1.212.366,25	Manuel da Costa	967.672,56	Kadu	774.120,44
Damián Musto	1.511.887,50	Roderick Miller	1.205.292,13	Santiago Zurbriggen	951.462,13	Bar?? Yard?mc?	772.165,25
Alfio Oviedo	1.505.936,88	Matheus Alessandro	1.198.900,13	Fallou Diagne	951.214,81	Cameron Jerome	766.981,25
Charles Traoré	1.499.418,75	Facundo Monteseirín	1.196.004,38	Raffaele Alcibiade	948.813,69	Rogério	766.032,06
Sherel Floranus	1.474.788,00	Marcelo Estigarribia	1.189.800,88	Mariano Pavone	945.064,31	Aurélio Buta	766.032,06
Rafael Thyere	1.469.587,88	Michel	1.188.967,38	Okan Yilmaz	943.258,81	Ramón Lentini	759.505,56
Fernando Zampedri	1.465.843,88	Antonio Di Gaudio	1.163.445,13	Pablo	942.067,94	Aksel Aktas	758.504,44
Bruno Jordão	1.462.246,13	Carlos Sánchez	1.156.134,25	Óscar Plano	938.279,69	Elohim Rolland	758.436,31
Jeremy Helmer	1.461.044,13	Pedro Pereira	1.156.016,63	Júnior Brumado	937.869,25	Vahid Amiri	758.073,81
Pierrick Capelle	1.459.826,50	Juan Pablo Torres	1.154.769,50	Oliver Boscagli	930.417,00	Hernane	757.745,56
Borna Sosa	1.456.980,00	Lucas Orbán	1.152.129,50	Facundo Silva	930.417,00	Marco Rojas	756.223,31
Daniele Dessena	1.451.390,63	Benjamin Corgnet	1.145.589,38	Jamie Sterry	921.270,13	Jordan Brown	754.452,00
Ibrahim Sangaré	1.450.380,50	Zarko Tomasevic	1.145.342,13	Wellington	920.296,81	Ricardo Noir	754.298,38
Salem Al-Dawsari	1.443.023,63	Werley	1.143.525,63	Deni Milosevic	918.310,31	Ibrahim Diallo	746.978,81
Brian Mansilla	1.429.686,13	Tim Handwerker	1.142.016,25	Danilo Avelar	913.291,88	Bruno Bianchi	745.486,56
Santiago Giordana	1.420.536,88	Clint Leemans	1.135.651,88	Luca Siligardi	913.291,88	Bruno Bispo	745.486,56
Xande	1.418.978,50	Douglas Grolli	1.133.326,25	Samir Memisevic	910.212,06	Luis Amarilla	745.234,25
Ivan Obradovic	1.418.918,13	Nicolás Domínguez	1.129.085,63	Armando Obispo	910.108,94	Yann Rolim	745.234,25
Vinicius	1.416.387,38	Luís Henrique	1.129.085,63	Georg Margreitter	907.886,88	David Terans	735.163,81
Luka Krajnc	1.414.689,25	Paulo Bóia	1.129.085,63	Ouasim Bouy	897.939,63	Zan Celar	734.874,88
Giovanni Troupée	1.409.584,50	Mickaël Alphonse	1.125.030,75	Dorian Dessoleil	897.512,50	Rubén Alcaraz	732.476,25
Victorio Ramis	1.393.448,00	Malik Tchokounte	1.121.433,00	Mattia Bani	887.681,94	Ramiro Costa	731.313,69
Leonardo Godoy	1.381.878,50	Tomás Sandoval	1.120.990,38	Perdigão	885.937,38	Siphiwe Tshabalala	728.327,69
Nemanja Mihajlovic	1.380.980,00	Jonathan Gradić	1.119.284,38	Luciano Gómez	885.937,38	Erik Palmer-Brown	724.688,75
Fredrik Jensen	1.373.870,25	Nuno Sequeira	1.118.213,75	Vitor Gomes	867.440,31	Léo Xavier	724.688,75
Franco Troyansky	1.373.799,63	Ibañez	1.112.528,50	Pedrao	866.979,13	Laros Duarte	724.145,00
Francesco Zampano	1.371.158,88	Nazareno Bazán Vera	1.110.122,25	Léon Valentin	866.979,13	Wellington Paulista	717.950,31
Fabrizio Alvarenga	1.363.647,25	Luiz Felipe	1.107.234,25	Agustín Sandona	858.455,19	Luis Ricardo	717.950,31
Sander Coopman	1.361.560,00	Zinho Vanheusden	1.107.234,25	Bergson	851.807,81	Fernando Canesin Matos	711.104,69
Lukas Marecek	1.338.675,00	Michel Bastos	1.105.229,63	Harry Charsley	847.965,06	Amara Baby	706.354,88
Fábio Santos	1.338.580,00	Tristan Dingomé	1.102.434,50	Aleksandar Boljevic	841.977,25	Juninho	697.543,06
Jurich Carolina	1.337.980,25	Rodrigo Pimpão	1.085.757,63	Alan Costa	839.624,81	Neto	697.543,06
Rolando García Guerreño	1.332.854,75	Elton	1.081.394,38	Merih Demiral	838.246,19	Sebastian Jakubiak	695.541,44
Mohamed Fares	1.329.779,13	Juan Delgado	1.071.460,63	Pedro Pinto	838.246,19	Leonel Ferroni	688.001,94
Diego Mendoza	1.324.778,75	Juan Ignacio Cavallaro	1.070.685,50	Léo	835.845,06	Alexander Büttner	687.724,88
Giovanni Augusto	1.324.024,50	Yasin Öztekin	1.065.963,63	Mitchell van Bergen	835.432,94	Emanuel Vignato	686.834,06
Gilberto	1.324.024,50	Nahuel Tenaglia	1.057.123,75	Jonás Aguirre	835.278,38	Fodé Ballo-Touré	686.411,13
Felipe Melo	1.318.133,88	Emiliano Armenteros	1.055.817,50	Niclas Stierlin	833.571,94	Lucas Otávio	683.814,13
Tomás Andrade	1.309.111,75	Lebo Mothiba	1.055.036,63	Bruno Urribarri	832.778,88	Rafael Marques	679.215,25
Luca Rossetti	1.302.149,13	Manu García	1.050.497,13	Francesco Caputo	832.367,69	Michel Vlap	676.745,25
Nicolás Domingo	1.299.270,00	Atakan Akkaynak	1.047.900,88	Tim Matavz	826.749,94	Geovane	676.745,25
Matias Silvestre	1.296.778,88	Junior Arias	1.036.326,00	Emmanuel Adjei Sowah	825.006,94	Gregore	676.637,00
Lucas Gamba	1.294.153,38	Odysseus Velanas	1.015.459,88	Silvestre Varela	823.612,06	François Marquet	676.558,88
Washington Camacho	1.294.034,25	Abner	1.013.593,38	Ahmet Çal?k	817.448,38	Stephen Sama	676.479,69
Gonzalo Escobar	1.278.964,25	Rodrigo Arciero	1.013.346,06	Diego Lopes	817.448,38	Lucas Espíndola	669.854,00
Deivid	1.270.681,25	Lennart Thy	1.013.141,50	Osman	817.448,38	Moussa Faye	669.854,00
Lisandro López	1.269.934,63	Francisco Trincão	1.012.957,38	Tino Susic	817.062,44	Bebeto	669.553,94
Pierre Sagna	1.256.494,25	Joaquín Ardaiz	1.007.058,81	Boubakary Soumaré	815.047,25	U?ur Çiftçi	666.265,50
Julio Pleguezuelo	1.247.264,00	Bobô	1.005.882,25	Abdoul Karim Danté	815.047,25	Miguel Angel Martínez	662.363,44
Mitchell Donald	1.246.676,00	Carraça	1.004.884,00	Sad'eeq Yusuf Ahmat	815.047,25	Ivan Lakicevic	660.132,31
Brenner	1.243.852,13	Àlex Collado	1.003.854,06	Stefan O'Connor	815.047,25	Óscar Mingueza	659.063,63
Daniel Ciofani	1.240.089,50	Axel Ngando	1.002.971,69	Damián Martínez	813.975,56	Ryan Nolan	659.063,63
Joe Bennett	1.239.052,13	Mateo Cassierra	1.002.196,19	Patrick Joosten	813.975,56	Juan Castillo	659.063,63
Marco Capuano	1.230.896,75	Idrissa Touré	1.000.745,56	Regan Poole	812.774,13	Souleymane Camara	655.697,75
Javi López	1.224.647,75	Lex Immers	990.611,69	Nuno Coelho	794.918,25	Claudio Pizarro	655.244,06
Daniel Hernández	1.223.413,38	Rajko Rotman	982.509,06	Nickson	793.177,75	Guillermo Acosta	652.474,63
Adrian Mariappa	1.223.134,00	Teddy Chevalier	977.607,94	Jannik Pohl	784.440,44	Patrick Twumasi	652.281,56
Damián Lemos	1.223.000,88	Imoh Ezekiel	972.639,13	Marcelo Mattos	782.477,56	Javi Guerra	646.499,38
Nathaniel Mendez-Laing	1.220.202,88	Fabio Ceravolo	968.866,44	Braian Rivero	782.020,25	Hélder Barbosa	646.032,38
Ben Wilmot	1.219.131,75	João Aurélio	968.866,44	Sam Schreck	779.476,06	O?uzhan Aydo?an	644.088,88

Figure 4.25: Third part of all test results from extreme gradient boost model

NAME	MODEL VALUE	NAME2	MODEL VALUE2	NAME3	MODEL VALUE3	NAME4	MODEL VALUE4
Sahverdi Çetin	617.922,13	Sebastián Olivarez	511.579,16	Federico Valietti	405.356,31	Arsen Khubulov	340.512,28
Anderson Arroyo	617.922,13	Luís Machado	500.870,16	Miguel Rodrigues	405.356,31	Carlos Luna	340.059,63
Nicky Medja	617.922,13	Eron	500.870,16	Yusuf Çelik	405.356,31	Enzo Ybañez	338.647,13
Gianmaria Zanandrea	617.922,13	Adilson	499.955,56	Gabriel Fernandes	405.356,31	Lucas Lazo	337.555,22
Jordy Gillekens	617.922,13	Mërgim Vojvoda	498.883,69	Derley	404.767,44	Marquinhos	337.046,44
Riccardo Cargnelutti	617.922,13	Lucas Schoofs	498.883,69	Lautaro Comas	398.021,69	Javier Gandolfi	335.696,34
Gabriele Bellodi	617.922,13	Jordan Lefort	497.527,16	Elias Már Ómarsson	394.647,28	Siebe Blondelle	329.096,50
Nicolas Garmendia	617.922,13	Jonathan Mambabua	497.527,16	David Henen	392.452,28	Xavier Mercier	326.158,28
Nikolaos Baxevanos	617.922,13	Stanley Awurum	491.647,63	Felipe	392.452,28	Andrea Isufaj	326.158,28
Piqueti	611.612,69	Thomas Lam	490.781,44	Matheus	392.452,28	Jens Janse	325.452,34
Nwankwo Obiora	603.750,00	Amine Benchaib	490.781,44	Mikael	392.452,28	Ilombe Mboyo	324.855,69
Dal Varesanovic	598.468,38	Juan Álvarez	490.781,44	Riccardo Cappa	392.452,28	Sidrit Guri	323.963,28
Victor San Bartolomé	598.468,38	Alexis Niz	488.460,19	Ramon	387.218,94	Yegor Nazaryna	323.963,28
Nicola Dalmonte	596.572,88	David Texeira	487.406,97	Laurent Ciman	385.507,16	Charaf	323.963,28
Maximiliano Coronel	593.919,44	Diego Cardoso	487.406,97	Leo Stulac	384.558,50	Kaloyan Krastev	323.963,28
Vincent Vermeij	593.629,81	Rodrigo Pacheco	487.406,97	Jake Clarke-Salter	384.558,50	Enzo López	323.963,28
Karim Coulibaly	593.502,13	Tiago Mesquita	487.308,50	Julían Acosta	384.558,50	Miguel De la Fuente	323.963,28
Khaled Adénon	593.181,56	Michiel Jonckheere	485.420,50	Wout Faes	384.558,50	Alerrandro	323.963,28
Bruno Gallo	591.881,38	Claudio Mosca	478.085,88	Braian Samudio	384.558,50	Do?ukan Sinik	323.963,28
Raul	591.881,38	Phakamani Mngadi	477.322,16	Erdo?an Ye?ilyurt	384.558,50	Yassine Salah	323.963,28
Sakib Aytaç	591.643,31	Panagiotis Vlachodimos	474.406,50	Umut Nayir	384.558,50	Erdon Daci	323.963,28
Federico Bravo	591.054,44	Paolo Ghiglione	473.845,31	Fashion Sakala	384.558,50	Gabriele Gibilterra	323.963,28
Jari Schuurman	591.041,88	Agustín Fontana	473.845,31	Avto	384.558,50	Daniilo	319.714,94
Juan Manuel García	583.985,63	Patrick	473.845,31	Fabien Garcia	384.558,50	Martin Lucero	313.157,78
Kadir Kele?	582.572,81	Kenny Rocha Santos	472.643,00	Gjoko Zajkov	384.558,50	André Vidigal	312.596,63
Luís Martins	581.825,19	Ricardo Faty	470.751,34	Hasan Bilal	384.558,50	Gastón Martínez	312.596,63
Dorian Dervite	580.456,25	Khalid Karami	468.048,75	Juan Cruz Areco	384.558,50	Niels Coussement	312.596,63
Moestafa El Kabir	579.479,31	Zakarya Bergdich	467.487,63	Maximilian Rossmann	384.558,50	Luca Baldassin	312.596,63
Elton Acolatse	577.543,38	Martín Bravo	466.510,69	Indy Boonen	384.558,50	Leandro Lacunza	312.596,63
Matías Fissore	573.506,00	Facundo Quintana	466.510,69	Luca Matarese	384.558,50	Lucas Rocha	312.596,63
Diego Viera	572.272,81	Abdiel Arroyo	466.510,69	Davide Buglio	384.558,50	Oswaldo Arroyo	312.596,63
Sascha Kotysch	570.256,61	Medjon Hoxha	464.622,69	Valentin Gendrey	384.558,50	Christopher Braun	312.596,63
Antonino Barillà	570.081,81	Bilal K?sa	461.646,13	Aleksandar Palamar	384.558,50	Kristófer Ingi Kristinsson	312.596,63
Bai Kamara	570.081,81	Jhonder Cádiz	457.849,38	Atakan Kesgin	384.558,50	Sebastián Herrera	304.386,13
Rafael Lopes	566.016,13	Thallyson	457.669,41	Gaetano Maranzino	384.558,50	Bruno Fernández	304.386,13
Néris	563.511,06	Karlo Lulic	457.577,88	Karolis Uzela	384.558,50	Sam van Huffel	304.386,13
Samuel Mraz	559.270,38	Kenan Horic	457.288,16	Malik Karaahmet	384.558,50	Matheus Cassini	299.694,59
Antoñito	559.270,38	Donato	457.288,16	Santiago Rodríguez	384.558,50	Bruno Rodrigues	299.694,59
Marco Olivieri	558.547,56	Nikos Ioannidis	453.047,50	Alessandro Bianconi	384.558,50	Giuseppe Carriero	299.694,59
Zacharia Diallo	557.326,88	Juninho	453.047,50	Alessandro Gabbani	384.558,50	Tim van de Berg	299.694,59
Karlo Butic	557.326,88	Mauro Savastano	453.047,50	Kanu	384.558,50	Jerdy Schouten	299.692,59
Giuseppe Borello	557.326,88	Iasmin Latovlevici	449.932,13	Mehmet Kalkan	384.558,50	Jones Carioca	299.692,59
Josip Maganjic	557.326,88	Vinicius	448.247,75	Pablo Pardal	384.558,50	Bruno Moraes	291.798,81
Hicham Mahou	557.326,88	Mathías Abero	443.778,06	Serkan Balo?lu	384.558,50	Iván Gómez	291.798,81
Yan	557.326,88	Nuno Campos	443.216,94	Bubacar Baldé	384.558,50	?brahim Akda?	291.798,81
Callum Roberts	557.326,88	Alexander Bannink	443.216,94	Giacomo Ferrazzo	384.558,50	Dogucan Haspolat	291.798,81
Luís Fabiano	555.373,69	William Owusu	439.715,78	Jan Ras	384.558,50	Odeni George	291.798,81
Nicolas Frey	546.821,38	Duckens Nazon	436.931,94	Nii Plange	381.085,63	Bart Straalman	291.798,81
Dany Nounkeu	545.232,75	Ziya Erdal	436.650,72	Kristof D'Haene	379.758,75	Marco Ospitalieri	291.798,81
Taha Yalç?ner	539.244,88	Donny Gorter	433.272,03	Giorgos Galitsios	375.491,59	Bryan Röchez	291.798,81
Marko Miric	533.084,13	Raël Nzeza	425.565,25	Juan Ignacio Sills	375.491,59	Berny Burke	291.798,81
Deyovaisio Zeefuik	531.788,13	Jovan Stojanovic	424.871,72	Darlan	375.289,09	Massimo Bertagnoli	291.798,81
Didier Lamkel Ze	525.140,94	Erik Bakker	420.576,44	Pawel Jaroszynski	374.727,94	Bo Breukers	291.798,81
Morato	525.140,94	Juan Cejas	418.819,50	Nicola Danieli	371.863,00	Dylan Ryan	291.798,81
Santiago González	525.140,94	Lucas Suárez	418.819,50	Peniel Mlapa	365.089,63	Evert Linthorst	291.798,81
Rodrigo Amaral	520.904,22	Greg Leigh	418.819,50	Julian Chabot	364.528,47	Alan Robledo	291.798,81
Paul Papp	519.419,41	Julían Illanes	418.819,50	Julían Marcioni	364.528,47	Davide Savi	291.798,81
Hichem Belkeroui	518.324,91	Marcão Silva	405.917,53	Tobias Salquist	364.528,47	Delano Grootenhuys	291.798,81
Steve De Ridder	515.942,44	Felipe Tontini	405.917,53	Omri Ben-Harush	361.825,91	Facundo Nadalin	291.798,81
Brendan Hines-Ike	511.579,16	Jorge Fernandes	405.356,31	Edson Júnior	360.287,81	Lucas Jofré	291.798,81
Alisson Borges	511.579,16	Veyssel Sar?	405.356,31	Guillermo Beltrán	350.613,44	Ahmed ?ldiz	277.505,91

Figure 4.26: Fourth part of all test results extreme gradient boost model

Using decision trees with extreme gradient boosting allowed us to build a model that showed a bigger success in predicting the market values of the players. At the same time, there are points which model values and market values differ significantly. This situation is similar with regression model and an desired one. However this model has more points which correlates with the market value and shows an extreme success. Since this model is built with decision trees the values are more static than the regression model. Other than being a little bit more static, it can be said that this model is more successful than the regression model.

4.6 Neural Networks Model

The last machine learning method to be applied on this project is neural networks method. Neural network models are known as being effective on learning more complicated patterns about the data and provide better accuracy; even though, they are black box models and they are not interpretable. Because the main aim of this paper is to find the most accurate values for football players, a neural network model has the potential to serve better than the other models.

Because there is no exact way to determine the number of layers and nodes for every different data set, trial-and-error method has been used to find a relatively better model for the used train set.

Table 4.8.: The architecture of neural network model

Layer (type)	Output Shape	Param #
dense_1 (Dense)	(None, 100)	5900
dropout_1 (Dropout)	(None, 100)	0
dense_2 (Dense)	(None, 50)	5050
dropout_2 (Dropout)	(None, 50)	0
dense_3 (Dense)	(None, 20)	1020
dropout_3 (Dropout)	(None, 20)	0
dense_4 (Dense)	(None, 1)	21
Total params: 11,991 Trainable params: 11,991 Non-trainable params: 0		

After creating enough alternatives, the model given in the figure has been selected among the others because of lower loss and mean absolute error values. In the model there are three hidden layers. In the first hidden layer there are 100 nodes, in the second hidden layer there are 50 nodes, in the third hidden layer there are 20 nodes. In all hidden layers, the rectified linear unit (*ReLU*) activation function has been used. Moreover, a dropout rate has been determined for each hidden layer to avoid over fitting the training data. In the first hidden layer, the dropout ratio is 0.5, in the second hidden layer the dropout ratio is 0.3, and in the third hidden layer, the dropout ratio is 0.3.

The next step after creating the model architecture is to fitting the model. While fitting the model, the cross validation technique has been used and the validation split ratio has been chosen as 0.2; moreover, the number of epochs has been chosen as 100 and the batch size as 16.

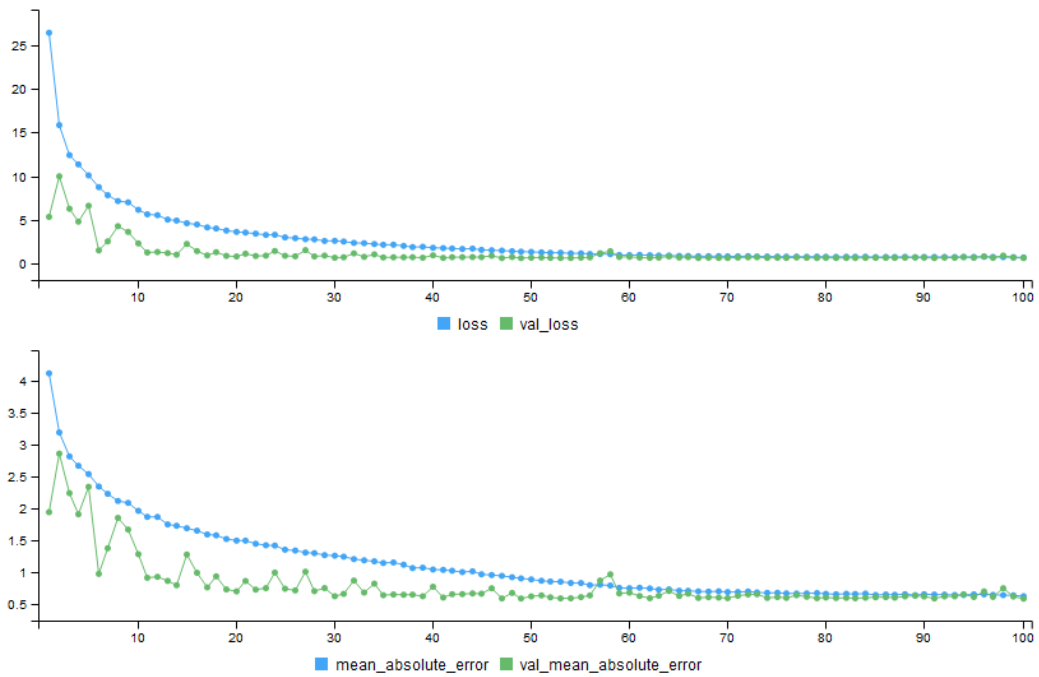


Figure 4.27: Training process of the neural network model.

While training the model, the loss and mean absolute error values fluctuates a lot for the validation set till the 50th epoch; consequently, the results after the 50th epoch are becoming more reliable and stable. On the other hand, as it can be seen on the figure above, the marginal decrease in the loss and mean absolute error between the 50th and 100th epochs has shrunk a lot. Consequently, it can be said that the model has grown well enough to be used to make predictions. Although, the model has trained well, and it is one of the best alternatives among the other trials, the resulting *MSE* is 1.190509. Consequently this result is worse than both the final regression model and the extreme gradient boosting model.

4.6.1 Interpretation of results

The results found by the neural networks model have been inspected well, and it is determined that there is a general underrating about the test set. Almost all players are evaluated as less expensive than they really are.

That's why the results of this model are not going to be included; instead the scatter plot of the predictions and the real values of the train set can be more efficient.

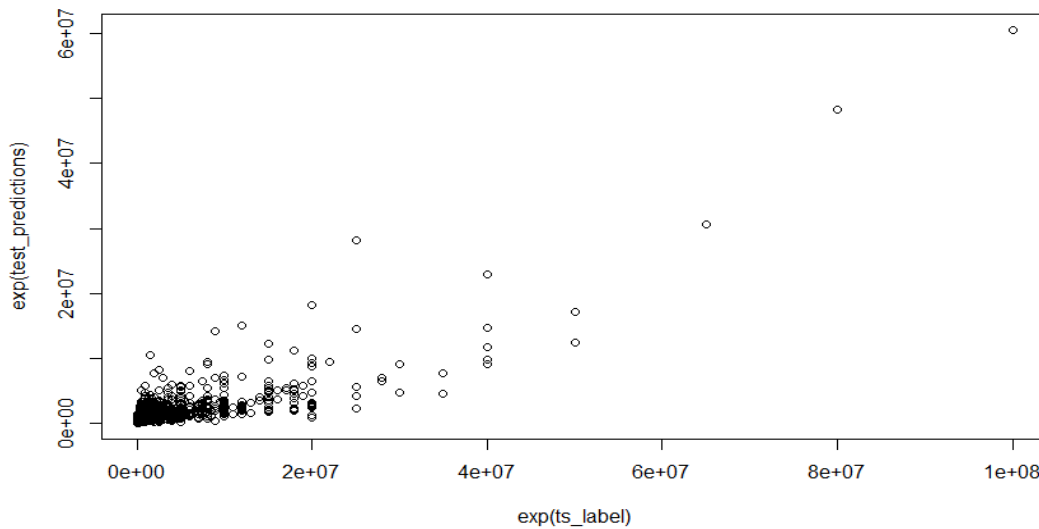


Figure 4.28: Predicted values ($exp(test_predictions)$) with respect to true values ($exp(ts_label)$)

In the figure, the undervaluation of the model can be seen. In all real price ranges, the results are tending to be lower than the real price.

4.7 Model Ensemble

Out of the three models that has been built, there are two ones that has both good and interpretable results. Regression and Decision Tree models both are able to value players in accordance with FM in-game attributes. In this section, a final model will be built by using ensemble methods to combine these two reliable models. So that, the final model out of these two models will have even more accurate values than these two models separately. The ensemble method that will be used in this section will be decided by judgment. While decision tree model built by using extreme gradient boosting technique seems to have a much better accuracy in predicting players market values, this model seems to have more static values. On the other hand, regression model have more dynamic values for players. For the final model the weighted average ensemble method will be used and the weights of decision tree and regression models will be selected as 0,7 and 0,3.

4.8 Inflation

Since both models are built with the last year's values, the inflation for the player market in the last year should be compensated for to find accurate values for the current year of 2019. To fill this gap, the most valuable players according to transfermarkt.com will be used. The change in values of the most valuable will determine the overall yearly inflation for the market and this inflation rate will be added to the final valuations. Using the top 20 players, the inflation rate has been found as 0,269215 for the previous year.

5. CONCLUSION AND DISCUSSION

5.1 Summary

The aim of this project was to provide a reliable valuation model for football players. Current market and models value players using their in-field game statistics. This leads to the fragility of values from one year to another and when one player performs well his value quickly and easily goes up and the same thing also applies for the opposite scenario. The reason for this fragility is that in-field performance has a lot of determinants other than the sole ability of a football player. The environment that the player is in consists of a lot of important variables that affects the in-field performance of that player. Since current models are unable to normalize for this outside variables, some players are being overvalued and some players are being undervalued. However, there is an alternative that football world has been using to evaluate players: a video game named Football Manager. Switching the in-field game statistics with evaluations of this game which are on an ability basis has the potential to provide more reliable and more stable values.

In this project, the data of players have been scraped from Football Manager 2018 and their values from transfermarkt.com. After that, the manipulations on the data have been made: the scope of the project have been limited with 11 best leagues in the world, goalkeepers have been left out, the age and ability variables have been standardized and logarithmic transformation on values of players have been made.

After the manipulation, model building stages for Multiple Linear Regression, Decision Trees and Neural Networks has started. For regression model; validation set forward subset selection method, cross-validation forward subset selection, lasso regression, ridge regression, principal component regression, partial least squares, interaction terms and non-linearity detection techniques have been applied to reach the best model possible. For the decision tree model; the alternatives of recursive binary splitting, random forest and extreme gradient boosting have been applied. For neural networks relu activation function and dropout rates on hidden layers have been used.

After the three independent models have been built, the results from regression and decision tree models have been selected as appropriate for the aim of the project.

During the ensemble stage the weighted average ensemble have been used and the weights for regression and decision tree models have been selected as 0,3 and 0,7.

Since the model have been built using data from previous year, to be able to find the right values for the current year; the inflation rate that has been found to be 0,269215 using top 20 players of the world also have been added to the final model.

5.2 Final Comments and Discussion

The results of the final model are in accordance with the aim of the project. Valuing players using their normalized abilities instead of in-field game statistics have been achieved. Ideally, this model should have found values close to the market but not so much at the same time. Since the problem that has been described consisted of current models, it can be seen as a good sign that the results are different than the current models at certain points. Most of the values that has been found are not dramatically different than the current market values which proves the reliability and stability of the model. At the same time the different values this model produced allows this model to claim reaching its final object: being better than the current models that are using in-field statistics. This model has the potential to be updated with future data to become even more precise and reliable. Also, during ensemble and adding inflation steps different approaches can be used and a lot of different visualizations can be made using the final results.

5.3 Technical Details

In this project, R Studio has been used and in neural network application Keras backend has been used. The codes written for this project can be found in one of the followings: <https://github.com/ahmettalhayigit> , and <https://github.com/barissamak> .

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7. APPENDIX

Appendix A: List of all football player values calculated with Football Manager 2019 data

Table A.1: List of football player values from Argentine Primera División

Table A.2: List of football player values from Jupiler Pro League

Table A.3: List of football player values from Brazilian Serie A

Table A.4: List of football player values from Bundesliga

Table A.5: List of football player values from Premier League

Table A.6: List of football player values from Eredivisie

Table A.7: List of football player values from France League 1

Table A.8: List of football player values from Portugal Primeira Liga

Table A.9: List of football player values from Italian Serie A

Table A.10: List of football player values from La Liga

Table A.11: List of football player values from Sportoto Super League

Table A.1: List of football player values from Argentine Primera División

Name	Club	League	Age	Position	Final Model Value (EUR)
Alexis Mac Allister	Argentinos Jrs.	Argentine	19	AMC	4.324.104,70
Facundo Barboza	Argentinos Jrs.	Argentine	22	MC	2.697.974,25
Hernán Toledo	Argentinos Jrs.	Argentine	22	AML	2.532.123,36
Francisco Ilarregui	Argentinos Jrs.	Argentine	21	AMR	2.482.724,14
Damián Batallini	Argentinos Jrs.	Argentine	22	AMR	2.479.259,41
Miguel Ángel Torré	Argentinos Jrs.	Argentine	29	DC	2.141.593,57
Óscar Benítez	Argentinos Jrs.	Argentine	25	AMR	2.135.557,99
Raúl Bobadilla	Argentinos Jrs.	Argentine	31	AMR	2.053.396,95
Juan Ignacio Méndez	Argentinos Jrs.	Argentine	21	AML	1.087.868,07
Kevin Mac Allister	Argentinos Jrs.	Argentine	20	DR	1.080.635,07
Gastón Verón	Argentinos Jrs.	Argentine	17	STC	1.068.491,38
Franco López	Argentinos Jrs.	Argentine	20	STC	1.050.992,90
Jonathan Sandoval	Argentinos Jrs.	Argentine	31	DR	1.033.321,66
Mauro Maidana	Argentinos Jrs.	Argentine	27	DL	990.432,89
Nehuén Pérez	Argentinos Jrs.	Argentine	18	DC	856.771,87
Esteban Rueda	Argentinos Jrs.	Argentine	22	AML	759.047,99
Fausto Montero	Argentinos Jrs.	Argentine	29	DM	698.006,07
Gastón Bojanich	Argentinos Jrs.	Argentine	33	DC	683.999,02
Leonardo Pисculichi	Argentinos Jrs.	Argentine	34	AMC	666.083,14
Facundo Capellino	Argentinos Jrs.	Argentine	19	AMR	607.559,58
Lucas Ferraz Vila	Argentinos Jrs.	Argentine	20	AML	591.627,39
Enzo Ybañez	Argentinos Jrs.	Argentine	19	DL	586.754,07
Fausto Vera	Argentinos Jrs.	Argentine	18	MC	576.090,33
Francis Mac Allister	Argentinos Jrs.	Argentine	22	MC	536.521,67
Tomás Álvarez	Argentinos Jrs.	Argentine	19	DL	510.910,18
Aaron Reartes	Argentinos Jrs.	Argentine	18	AMR	510.647,32
Jonathan Cañete	Argentinos Jrs.	Argentine	21	STC	506.256,66
Lucas Pizzatti	Argentinos Jrs.	Argentine	19	AMC	504.590,39
Thomás Amilivia	Argentinos Jrs.	Argentine	19	STC	504.035,58
Agustín Alberione	Argentinos Jrs.	Argentine	21	DC	489.090,17
Cristian Gentile	Argentinos Jrs.	Argentine	19	AMR	484.906,17
Lucas Marcian	Argentinos Jrs.	Argentine	20	STC	470.082,99
Gerónimo Zoloaga	Argentinos Jrs.	Argentine	22	DL	459.645,91
Facundo Miño	Argentinos Jrs.	Argentine	18	DC	459.247,63
Manuel Cordeviola	Argentinos Jrs.	Argentine	19	AMC	455.600,16
Hernán Rosales	Argentinos Jrs.	Argentine	19	AMC	446.299,83
Matko Miljevic	Argentinos Jrs.	Argentine	17	AMC	439.046,48
Ezequiel Bartolomeo	Argentinos Jrs.	Argentine	20	DM	438.424,25
Rafael Blancqcaux	Argentinos Jrs.	Argentine	20	AMR	436.746,93
Facundo Sotelo	Argentinos Jrs.	Argentine	22	AMC	433.729,84
Luca Falabella	Argentinos Jrs.	Argentine	19	DC	431.763,27
Matías Romero	Argentinos Jrs.	Argentine	22	DR	431.035,35
Franco Marchetti	Argentinos Jrs.	Argentine	20	MC	417.292,63
Rodrigo Di Motta	Argentinos Jrs.	Argentine	20	AMR	415.136,82
Moisés Brandán	Argentinos Jrs.	Argentine	18	AMR	410.337,23
Aaron Barquett	Argentinos Jrs.	Argentine	19	DR	405.934,68
Juan Martínez	Argentinos Jrs.	Argentine	21	AMC	396.222,55
César Florentin	Argentinos Jrs.	Argentine	19	AMC	393.638,35
Franco Ibarra	Argentinos Jrs.	Argentine	17	DM	392.582,27
Maximiliano Oviedo	Argentinos Jrs.	Argentine	21	AML	384.937,71
Christian Wagner	Argentinos Jrs.	Argentine	21	DL	382.269,19
Matías Zorrilla	Argentinos Jrs.	Argentine	22	DC	381.758,03
Luis Melgar	Argentinos Jrs.	Argentine	18	AMC	371.321,27
Dardo Torres	Argentinos Jrs.	Argentine	17	DC	365.949,58
Lucas Acosta	Argentinos Jrs.	Argentine	19	STC	364.218,58
Julián Illanes	Argentinos Jrs.	Argentine	21	DC	362.697,54
Jonathan Domínguez	Argentinos Jrs.	Argentine	20	DC	358.818,40
Gastón Machín	Argentinos Jrs.	Argentine	35	DM	355.071,23

David Barbona	Atl. Tucumán	Argentine	23	AMR	3.641.039,59
Favio Álvarez	Atl. Tucumán	Argentine	25	AML	2.234.812,68
Gervasio Núñez	Atl. Tucumán	Argentine	30	AML	2.234.270,84
Yonathan Cabral	Atl. Tucumán	Argentine	26	DC	1.980.744,19
Rodrigo Aliendro	Atl. Tucumán	Argentine	27	AMC	1.892.895,26
Tomás Cuello	Atl. Tucumán	Argentine	18	AMR	1.502.393,31
Nery Leyes	Atl. Tucumán	Argentine	28	DM	1.445.387,22
Luis Rodríguez	Atl. Tucumán	Argentine	33	STC	1.385.110,17
Juan Kaprof	Atl. Tucumán	Argentine	23	STC	1.371.376,84
Leandro Díaz	Atl. Tucumán	Argentine	26	STC	1.190.738,05
José San Román	Atl. Tucumán	Argentine	29	DR	1.139.810,18
Ricardo Noir	Atl. Tucumán	Argentine	31	AMR	1.113.095,93
Bruno Bianchi	Atl. Tucumán	Argentine	29	DC	1.084.892,20
Tomás Rojas	Atl. Tucumán	Argentine	21	AML	1.000.212,37
Pier Barrios	Atl. Tucumán	Argentine	28	DC	885.869,29
Mathías Abero	Atl. Tucumán	Argentine	28	AML	833.022,87
Guillermo Acosta	Atl. Tucumán	Argentine	30	AML	782.010,02
Franco Sbuttoni	Atl. Tucumán	Argentine	29	DC	707.918,19
Claudio Pombo	Atl. Tucumán	Argentine	24	AML	707.349,84
Mauro Matos	Atl. Tucumán	Argentine	35	STC	604.359,69
Gabriel Risso Patrón	Atl. Tucumán	Argentine	22	DL	541.870,34
Javier Toledo	Atl. Tucumán	Argentine	32	STC	537.793,79
Jonás Romero	Atl. Tucumán	Argentine	17	STC	499.376,22
Emiliano Lettieri	Atl. Tucumán	Argentine	20	AML	460.096,01
Lucas Sánchez	Atl. Tucumán	Argentine	24	AMC	453.612,90
Fabrizio Ibarra	Atl. Tucumán	Argentine	22	AMR	449.575,92
Daniel Ibáñez	Atl. Tucumán	Argentine	20	DM	447.050,03
Jorge Soldati	Atl. Tucumán	Argentine	20	AMR	445.498,47
Mauro Osores	Atl. Tucumán	Argentine	21	DC	420.716,58
Facundo Robles	Atl. Tucumán	Argentine	21	AML	388.193,01
Hugo Morales	Atl. Tucumán	Argentine	23	DL	382.714,21
Andrés Lamas	Atl. Tucumán	Argentine	34	DC	369.062,94
Carlos Lapetina	Atl. Tucumán	Argentine	17	DM	365.968,74
Sergio Álvarez	Atl. Tucumán	Argentine	20	DM	355.359,87
Andrés Kranevitter	Atl. Tucumán	Argentine	19	STC	350.852,51
Pablo González	Atl. Tucumán	Argentine	21	MR	349.942,34
Exequiel Barrionuevo	Atl. Tucumán	Argentine	20	DM	345.834,17
Kevin Navarro	Atl. Tucumán	Argentine	20	AMR	343.868,70
Ramiro López	Atl. Tucumán	Argentine	20	AMC	340.668,60
Juan Ignacio Mercier	Atl. Tucumán	Argentine	38	DM	310.255,52
Nicolás Bertolo	Banfield	Argentine	32	AML	2.722.880,45
Emanuel Cecchini	Banfield	Argentine	21	MC	2.716.661,88
Jorge Rodríguez	Banfield	Argentine	22	DC	2.485.182,20
Julián Carranza	Banfield	Argentine	18	STC	2.467.884,03
Marcelo Torres	Banfield	Argentine	20	STC	1.942.333,63
Adrián Spörle	Banfield	Argentine	22	DL	1.706.858,78
Adrián Calello	Banfield	Argentine	31	DM	1.569.497,80
Jesús Dátolo	Banfield	Argentine	34	AMC	1.537.464,88
Darío Cvitanich	Banfield	Argentine	34	STC	1.457.884,19
Renato Civelli	Banfield	Argentine	34	DC	1.360.380,72
Luciano Gómez	Banfield	Argentine	22	MC	1.314.060,06
Rodrigo Arciero	Banfield	Argentine	25	DR	1.293.662,23
Danilo Ortiz	Banfield	Argentine	25	DC	1.221.864,64
Nicolás Linares	Banfield	Argentine	22	DM	1.210.561,83
Enzo Kalinski	Banfield	Argentine	31	MC	1.204.463,91
Juan Álvarez	Banfield	Argentine	22	AMR	1.200.566,93
Nicolás Silva	Banfield	Argentine	28	AMR	1.186.668,87
Michael López	Banfield	Argentine	20	STC	907.243,23
Martín Payero	Banfield	Argentine	19	MC	893.983,83
Claudio Bravo	Banfield	Argentine	21	DL	795.459,86
Agustín Fontana	Banfield	Argentine	22	STC	732.969,56

Alexis Sosa	Banfield	Argentina	18	DC	690.420,56
Tomás Leuzzi	Banfield	Argentina	19	DR	615.992,93
Denis Brizuela	Banfield	Argentina	21	AML	615.239,12
Facundo Carrillo	Banfield	Argentina	20	AMR	576.451,99
Alexis Maldonado	Banfield	Argentina	20	DC	574.046,77
Emanuel Coronel	Banfield	Argentina	21	DR	572.907,78
Lucas Antonicelli	Banfield	Argentina	21	MC	541.864,28
Marcos Fredes	Banfield	Argentina	17	DC	526.493,62
Tomás Caruso	Banfield	Argentina	19	STC	521.396,45
Juan Mendoza	Banfield	Argentina	18	STC	502.717,13
Pablo Cofe	Banfield	Argentina	20	STC	480.977,42
Germán Agullo	Banfield	Argentina	20	DC	472.652,83
Benjamín Díaz Ceballos	Banfield	Argentina	18	DC	448.273,36
Tomás Guidara	Belgrano	Argentina	22	DR	3.614.505,96
Matías Suárez	Belgrano	Argentina	30	AML	3.453.637,26
Adrián Balboa	Belgrano	Argentina	24	STC	2.620.605,47
Leonardo Sequeira	Belgrano	Argentina	23	AMR	2.605.581,12
Federico Lértora	Belgrano	Argentina	28	DM	2.532.419,51
Juan Brunetta	Belgrano	Argentina	21	AMC	2.396.861,58
Gastón Gil Romero	Belgrano	Argentina	25	MC	2.000.574,12
Matías Nani	Belgrano	Argentina	20	DC	1.857.025,16
Fabrizio Brener	Belgrano	Argentina	20	AMR	1.801.696,42
Jonás Aguirre	Belgrano	Argentina	26	AML	1.739.994,35
Joaquín Rikemberg	Belgrano	Argentina	19	AMR	1.668.918,38
Martín Rivero	Belgrano	Argentina	28	MC	1.430.371,53
Gabriel Alanís	Belgrano	Argentina	24	AML	1.181.497,50
Maximiliano Lugo	Belgrano	Argentina	28	AML	1.149.955,78
Denis Rodríguez	Belgrano	Argentina	22	AMR	1.097.839,07
Hernán Menosse	Belgrano	Argentina	31	DC	917.729,69
Sebastián Olivarez	Belgrano	Argentina	26	DC	774.603,82
Tomás Attis	Belgrano	Argentina	18	STC	740.123,86
Sebastián Luna	Belgrano	Argentina	30	AMR	682.838,01
Miguel Angel Martínez	Belgrano	Argentina	34	DC	620.898,61
Martin Garnerone	Belgrano	Argentina	19	STC	530.128,75
Francisco Romero	Belgrano	Argentina	19	MC	525.252,08
Gonzalo Martínez	Belgrano	Argentina	21	MC	492.957,63
Valentín Barbero	Belgrano	Argentina	17	AMR	476.310,71
Franco Pardo	Belgrano	Argentina	21	DC	470.575,07
Wilson Altamirano	Belgrano	Argentina	20	MC	455.450,67
Juan Quiroga	Belgrano	Argentina	36	DL	453.459,70
Edgardo Alborno	Belgrano	Argentina	18	STC	438.344,14
Tobias Ostchega	Belgrano	Argentina	19	DL	432.386,24
Luciano Rodríguez	Belgrano	Argentina	23	DR	430.250,23
Gastón Fernández	Belgrano	Argentina	22	STC	425.084,80
Román Vildoso	Belgrano	Argentina	18	MC	407.165,27
Lucas Giordano	Belgrano	Argentina	22	DC	390.074,87
Gianfranco Baier	Belgrano	Argentina	19	MC	388.171,19
Alan Andrada	Belgrano	Argentina	18	STC	385.070,25
Lucio Pérez	Belgrano	Argentina	21	DR	383.424,43
Francisco Russo	Belgrano	Argentina	19	MC	379.746,14
Facundo Heredia	Belgrano	Argentina	19	AML	378.203,43
Pablo López	Belgrano	Argentina	19	MC	372.994,90
Juan Salas	Belgrano	Argentina	19	DC	372.666,13
Fernando Guzmán	Belgrano	Argentina	22	DC	356.262,71
Francisco Dulla	Belgrano	Argentina	18	DR	351.932,44
Luciano Cuello	Belgrano	Argentina	17	DL	347.080,73
Laureano Spizzo	Belgrano	Argentina	21	AML	340.514,08
Joaquín Novillo	Belgrano	Argentina	20	DC	332.518,41
Enzo Gómez	Belgrano	Argentina	17	MC	325.451,45
Martín Garaygorta	Belgrano	Argentina	18	DC	321.989,64
Cristian Pavón	Boca	Argentina	22	AMR	23.889.516,64

Wilmar Barrios	Boca	Argentine	24	DM	20.166.136,42
Darío Benedetto	Boca	Argentine	28	STC	12.000.027,76
Lisandro Magallán	Boca	Argentine	24	DC	10.082.539,99
Sebastián Villa	Boca	Argentine	22	STC	9.974.215,58
Emanuel Reynoso	Boca	Argentine	22	AMC	9.506.364,62
Edwin Cardona	Boca	Argentine	25	AMC	9.429.557,87
Carlos Izquierdoz	Boca	Argentine	29	DC	8.507.180,09
Ramón Abila	Boca	Argentine	28	STC	7.792.414,37
Nahitan Nández	Boca	Argentine	22	AMR	6.320.462,89
Frank Fabra	Boca	Argentine	27	DL	5.864.140,73
Cristian Espinoza	Boca	Argentine	23	AMR	5.634.286,46
Lucas Olaza	Boca	Argentine	23	DL	5.120.844,41
Mauro Zárate	Boca	Argentine	31	STC	5.048.542,32
Emmanuel Mas	Boca	Argentine	29	DL	4.639.166,29
Pablo Pérez	Boca	Argentine	32	MC	4.336.674,87
Leonardo Jara	Boca	Argentine	27	DR	4.206.698,72
Fernando Gago	Boca	Argentine	32	MC	3.971.436,39
Gino Peruzzi	Boca	Argentine	26	DR	3.545.493,35
Leonardo Balerdi	Boca	Argentine	19	DC	3.377.530,92
Julián Chicco	Boca	Argentine	20	MC	3.303.911,77
Paolo Goltz	Boca	Argentine	33	DC	3.138.297,73
Carlos Tevez	Boca	Argentine	34	STC	3.113.409,54
Julio Buffarini	Boca	Argentine	29	AMR	2.932.090,04
Mateo Retegui	Boca	Argentine	19	AMR	2.724.944,57
Gonzalo Lamardo	Boca	Argentine	21	AMC	2.411.694,81
Agustín Obando	Boca	Argentine	18	AML	1.270.924,85
Mateo Montenegro	Boca	Argentine	19	MC	1.141.143,26
Matías Rosales	Boca	Argentine	19	AMC	1.108.052,52
Nicolás Capaldo	Boca	Argentine	19	MC	1.069.648,68
Alexander Fernández	Boca	Argentine	17	AMR	1.065.913,67
Ezequiel Cañete	Boca	Argentine	19	AMC	1.011.302,17
Mauro Luna Diale	Boca	Argentine	19	AMR	982.845,81
Joel Fernández	Boca	Argentine	19	DR	962.039,28
Enzo Roldán	Boca	Argentine	17	AML	926.533,88
Adrián Sánchez	Boca	Argentine	19	DM	926.391,13
Lucas Brochero	Boca	Argentine	19	STC	922.114,11
Luciano Giménez	Boca	Argentine	18	STC	920.597,99
Matías Viguet	Boca	Argentine	20	AML	903.173,52
Aaron Molinas	Boca	Argentine	17	AMR	900.241,33
Marcelo Weigandt	Boca	Argentine	18	DR	897.754,63
Isaac Monti	Boca	Argentine	20	DC	881.876,13
Brian Maschio	Boca	Argentine	20	AML	875.558,65
Israel Escalante	Boca	Argentine	19	AML	870.981,13
Lucas Arzamendia	Boca	Argentine	19	DR	867.631,10
Peter Grance	Boca	Argentine	19	DL	845.518,10
Azarias Molina	Boca	Argentine	20	STC	845.169,21
Laureano Grandis	Boca	Argentine	18	DL	843.022,04
Darwin Palacios	Boca	Argentine	20	DC	826.940,31
Lucas Espíndola	Boca	Argentine	19	DC	809.150,87
Marcelo Vaca	Boca	Argentine	21	DL	795.423,05
Facundo Fernández	Boca	Argentine	18	AML	789.753,77
Lionel Laborda	Boca	Argentine	19	AMR	775.857,01
Eros Mancuso	Boca	Argentine	19	DR	758.059,73
Iván More	Boca	Argentine	18	AMR	749.522,65
Agustín Sánchez	Boca	Argentine	17	AMR	745.060,93
Rodrigo Sequeira	Boca	Argentine	18	DM	741.702,66
Erik Bodencer	Boca	Argentine	18	AML	741.145,39
Santiago Villarroel	Boca	Argentine	20	AMR	739.132,41
Oscar Salomón	Boca	Argentine	19	DC	736.632,70
Gastón Gerzel	Boca	Argentine	18	AML	733.007,04
Santiago Núñez	Boca	Argentine	18	DM	728.327,27

Renzo Giampaoli	Boca	Argentine	18	DC	726.076,87
Tomás Aleman	Boca	Argentine	17	STC	709.374,54
Mateo Medina Leavy	Boca	Argentine	19	AMR	698.735,72
Facundo Cuello	Boca	Argentine	17	DC	673.188,64
Juan Baiardino	Boca	Argentine	18	STC	635.005,15
Alan Ruiz	Colón	Argentine	24	AMC	5.461.013,84
Erik Godoy	Colón	Argentine	24	DC	3.511.793,06
Javier Correa	Colón	Argentine	25	STC	3.094.485,55
Tomás Chancalay	Colón	Argentine	19	AML	2.649.978,10
Guillermo Ortiz	Colón	Argentine	25	DC	2.421.493,16
Gonzalo Escobar	Colón	Argentine	21	DL	1.966.762,75
Nicolás Leguizamón	Colón	Argentine	23	STC	1.945.516,25
Tomás Sandoval	Colón	Argentine	19	STC	1.873.436,89
Christian Bernardi	Colón	Argentine	28	AMR	1.728.373,88
Gustavo Toledo	Colón	Argentine	28	DR	1.623.930,93
Leonardo Heredia	Colón	Argentine	22	AMC	1.617.114,21
Matías Fritzier	Colón	Argentine	31	DM	1.560.550,80
Marcelo Estigarribia	Colón	Argentine	30	AML	1.443.575,90
Jonatan Galván	Colón	Argentine	28	DM	1.225.753,01
Franco Zuculini	Colón	Argentine	27	MC	1.169.038,45
Gonzalo Bueno	Colón	Argentine	25	STC	1.033.903,08
Emanuel Olivera	Colón	Argentine	28	DC	928.177,94
Facundo Garcés	Colón	Argentine	18	DC	924.703,14
Braian Galván	Colón	Argentine	17	AMC	922.621,41
Juan Cruz Zurbriggen	Colón	Argentine	18	STC	900.009,68
Francis D'Albenás	Colón	Argentine	22	STC	731.492,24
Lautaro Saravia	Colón	Argentine	20	STC	696.691,66
Juan Pablo Fleitas	Colón	Argentine	19	AMR	625.303,28
Román Barreto	Colón	Argentine	18	DL	624.524,90
Franco Quiróz	Colón	Argentine	20	DL	589.089,62
Facundo Centurión	Colón	Argentine	18	DC	585.828,51
Alex Vigo	Colón	Argentine	19	DR	571.812,82
Sebastián Malimberni	Colón	Argentine	19	STC	549.512,33
Marcos Voltarel	Colón	Argentine	21	DC	542.637,98
Clemente Rodríguez	Colón	Argentine	36	DL	541.286,90
Mateo Hernández	Colón	Argentine	19	MC	536.911,19
Blas López	Colón	Argentine	20	AMR	524.953,58
Alan Rodríguez	Colón	Argentine	21	MC	517.341,23
Mariano González	Colón	Argentine	37	AMR	492.253,08
Joel Molina	Colón	Argentine	20	DR	484.006,42
Adrián Bastía	Colón	Argentine	39	DM	384.512,65
Nicolás Fernández	Defensa y Justicia	Argentine	22	STC	4.752.582,56
Lisandro Martínez	Defensa y Justicia	Argentine	20	DC	3.854.621,14
Alexander Barboza	Defensa y Justicia	Argentine	23	DC	3.269.752,11
Leonel Miranda	Defensa y Justicia	Argentine	24	AMC	2.519.790,17
Mariano Bareiro	Defensa y Justicia	Argentine	23	MC	2.110.497,49
Domingo Blanco	Defensa y Justicia	Argentine	23	AMC	1.848.568,71
Nahuel Molina Lucero	Defensa y Justicia	Argentine	20	DR	1.820.314,13
Gastón Togni	Defensa y Justicia	Argentine	20	STC	1.794.253,19
Matías Rojas	Defensa y Justicia	Argentine	22	AML	1.688.090,22
Eugenio Isnaldo	Defensa y Justicia	Argentine	24	AML	1.485.012,27
Nicolás Tripichio	Defensa y Justicia	Argentine	22	DR	1.473.687,60
Rafael Delgado	Defensa y Justicia	Argentine	28	DL	1.399.341,56
Mauricio Tévez	Defensa y Justicia	Argentine	21	AMR	1.388.971,74
Ciro Rius	Defensa y Justicia	Argentine	29	AMR	1.358.968,62
Marcelo Larrondo	Defensa y Justicia	Argentine	29	STC	1.253.568,93
Francisco Cerro	Defensa y Justicia	Argentine	30	DM	1.221.801,74
Lucas Villarruel	Defensa y Justicia	Argentine	27	MC	1.156.428,12
Fabián Bordagaray	Defensa y Justicia	Argentine	31	STC	1.102.468,86
Jonás Gutiérrez	Defensa y Justicia	Argentine	34	AMR	1.047.781,18
Gonzalo Díaz	Defensa y Justicia	Argentine	28	AML	985.291,11

Ignacio Huguenet	Defensa y Justicia	Argentine	20	STC	811.334,37
Julio González	Defensa y Justicia	Argentine	26	DC	716.690,72
Manuel Capasso	Defensa y Justicia	Argentine	22	DC	688.490,62
Julián Ferreyra	Defensa y Justicia	Argentine	20	DC	643.578,10
Christian Almeida	Defensa y Justicia	Argentine	28	DL	579.861,80
Agustín Figueroa	Defensa y Justicia	Argentine	22	AMC	546.014,14
Lautaro Iparraguirre	Defensa y Justicia	Argentine	21	STC	524.401,74
Agustín Gómez	Defensa y Justicia	Argentine	21	DC	455.927,74
Fernando Zuqui	Estudiantes (LP)	Argentine	26	AMR	3.163.689,52
Fabián Noguera	Estudiantes (LP)	Argentine	25	DC	2.288.352,08
Francisco Apaolaza	Estudiantes (LP)	Argentine	21	STC	2.208.390,91
Lucas Rodríguez	Estudiantes (LP)	Argentine	22	AML	2.060.825,22
Iván Gómez	Estudiantes (LP)	Argentine	21	DM	1.984.959,56
Gastón Campi	Estudiantes (LP)	Argentine	27	DC	1.942.851,72
Matías Laba	Estudiantes (LP)	Argentine	26	DM	1.938.803,83
Jonathan Schunke	Estudiantes (LP)	Argentine	31	DC	1.647.513,55
Matías Pellegrini	Estudiantes (LP)	Argentine	18	AMC	1.602.495,57
Nahuel Estévez	Estudiantes (LP)	Argentine	22	MC	1.498.982,85
Lucas Albertengo	Estudiantes (LP)	Argentine	27	STC	1.492.573,50
Iván Erquiaga	Estudiantes (LP)	Argentine	20	AML	1.414.023,08
Facundo Sánchez	Estudiantes (LP)	Argentine	28	AMR	1.360.060,14
Fernando Evangelista	Estudiantes (LP)	Argentine	25	DL	1.120.123,69
Mauricio Rosales	Estudiantes (LP)	Argentine	26	DR	1.053.458,23
Carlo Lattanzio	Estudiantes (LP)	Argentine	20	STC	1.030.656,06
Matías Ruiz Díaz	Estudiantes (LP)	Argentine	21	DR	948.486,51
Mariano Pavone	Estudiantes (LP)	Argentine	36	STC	847.500,66
Andrés Ayala	Estudiantes (LP)	Argentine	18	DM	809.850,37
Jacob Murillo	Estudiantes (LP)	Argentine	25	STC	775.178,01
Juan Cejas	Estudiantes (LP)	Argentine	20	AML	668.338,42
Facundo Mura	Estudiantes (LP)	Argentine	19	AMR	550.425,82
Tomás Osés	Estudiantes (LP)	Argentine	21	AMR	542.225,65
Matías Ahumada Acuña	Estudiantes (LP)	Argentine	20	STC	511.237,43
Gonzalo Ireba	Estudiantes (LP)	Argentine	21	STC	510.613,12
Nicolás Bazzana	Estudiantes (LP)	Argentine	22	DC	497.455,27
Mauricio Vera	Estudiantes (LP)	Argentine	19	AML	481.568,43
Bruno Cabrera	Estudiantes (LP)	Argentine	21	DC	481.278,96
Gastón Fernández	Estudiantes (LP)	Argentine	34	STC	477.145,67
Franco Sivetti	Estudiantes (LP)	Argentine	20	AML	476.156,71
Nahuel Luna	Estudiantes (LP)	Argentine	22	STC	474.574,26
Alexis Vega	Estudiantes (LP)	Argentine	18	STC	451.632,69
Tomás Montiel	Estudiantes (LP)	Argentine	20	AMR	434.925,05
Pablo Lugüercio	Estudiantes (LP)	Argentine	36	STC	428.419,84
Ezequiel Miranda	Estudiantes (LP)	Argentine	21	STC	416.764,20
Ignacio Gariglio	Estudiantes (LP)	Argentine	19	DC	406.298,63
Rodrigo Braña	Estudiantes (LP)	Argentine	39	DM	295.774,12
Manuel Guanini	Gimnasia (LP)	Argentine	22	DC	2.502.496,46
Alejandro Melo	Gimnasia (LP)	Argentine	22	AMR	2.008.485,21
Ezequiel Bonifacio	Gimnasia (LP)	Argentine	24	AMR	1.939.320,50
Víctor Ayala	Gimnasia (LP)	Argentine	30	MC	1.924.731,50
Luciano Perdomo	Gimnasia (LP)	Argentine	21	MC	1.694.999,67
Lucas Calderón	Gimnasia (LP)	Argentine	20	STC	1.665.394,94
Gonzalo Piovi	Gimnasia (LP)	Argentine	23	DL	1.544.419,82
Lorenzo Faravelli	Gimnasia (LP)	Argentine	25	AMC	1.484.649,13
Santiago Rosales	Gimnasia (LP)	Argentine	23	AMR	1.469.248,94
Horacio Tijanovich	Gimnasia (LP)	Argentine	22	STC	1.462.202,66
Agustín Bolívar	Gimnasia (LP)	Argentine	22	DM	1.380.996,19
Fabián Rinaudo	Gimnasia (LP)	Argentine	31	DM	1.278.389,42
Maximiliano Comba	Gimnasia (LP)	Argentine	24	AMR	1.082.407,16
Maximiliano Coronel	Gimnasia (LP)	Argentine	29	DC	1.063.337,75
Matías Melluso	Gimnasia (LP)	Argentine	20	DL	1.047.428,28
Matías Gómez	Gimnasia (LP)	Argentine	19	STC	1.000.186,87

Mauro Guevgeozian	Gimnasia (LP)	Argentina	32	STC	831.002,26
Santiago Silva	Gimnasia (LP)	Argentina	37	STC	707.594,12
Kevin Gutiérrez	Gimnasia (LP)	Argentina	21	MC	563.245,39
Germán Guiffrey	Gimnasia (LP)	Argentina	20	DL	557.170,79
Juan Cataldi	Gimnasia (LP)	Argentina	19	AMC	514.453,99
Antonio Napolitano	Gimnasia (LP)	Argentina	18	AMC	509.245,42
Enzo Martínez	Gimnasia (LP)	Argentina	21	DL	496.484,42
Facundo Oreja	Gimnasia (LP)	Argentina	36	DR	460.446,20
Bautista Barros Schelotto	Gimnasia (LP)	Argentina	18	DR	452.909,51
Eliás Ramírez	Gimnasia (LP)	Argentina	19	STC	429.159,71
Rodrigo Benítez Insfrán	Gimnasia (LP)	Argentina	18	MC	420.712,04
Jan Hurtado	Gimnasia (LP)	Argentina	18	STC	420.435,78
Néstor García Martinoli	Gimnasia (LP)	Argentina	17	DC	414.242,60
Tomás Romero	Gimnasia (LP)	Argentina	19	AMC	411.870,70
Daian García	Gimnasia (LP)	Argentina	21	STC	405.045,01
Patricio Monti	Gimnasia (LP)	Argentina	20	DM	399.752,26
Valentín Jouglard	Gimnasia (LP)	Argentina	17	MC	387.715,83
Gustavo Areco	Gimnasia (LP)	Argentina	17	DC	387.632,67
Lucas Licht	Gimnasia (LP)	Argentina	37	DL	374.575,90
Juan Cruz Prefacio	Gimnasia (LP)	Argentina	18	DM	371.342,80
Gonzalo Mottes	Gimnasia (LP)	Argentina	19	DC	361.419,40
Martín Martucci	Gimnasia (LP)	Argentina	20	MC	360.703,96
Jonathan Chacón	Gimnasia (LP)	Argentina	19	DC	359.982,52
Francisco Soto	Gimnasia (LP)	Argentina	21	MC	357.357,60
Matías Miranda	Gimnasia (LP)	Argentina	17	AMC	353.977,24
Santiago García	Godoy Cruz	Argentina	27	STC	5.028.918,50
Fabrizio Angileri	Godoy Cruz	Argentina	24	AML	4.483.199,61
Tomás Cardona	Godoy Cruz	Argentina	22	DC	2.448.054,89
Ángel González	Godoy Cruz	Argentina	24	AMR	2.342.419,96
Jalil Elías	Godoy Cruz	Argentina	22	MC	2.226.294,77
Luciano Abecasis	Godoy Cruz	Argentina	28	DR	2.097.355,24
Juan Andrada	Godoy Cruz	Argentina	23	DM	1.956.333,62
Diego Viera	Godoy Cruz	Argentina	27	DC	1.890.996,68
Victorio Ramis	Godoy Cruz	Argentina	23	STC	1.864.906,83
Fabián Henríquez	Godoy Cruz	Argentina	23	AML	1.665.476,39
Facundo Silva	Godoy Cruz	Argentina	27	AMC	1.437.843,46
Facundo Cobos	Godoy Cruz	Argentina	25	AML	1.339.920,07
Leandro Lencinas	Godoy Cruz	Argentina	23	AML	1.261.417,69
Lucas Agüero	Godoy Cruz	Argentina	21	STC	1.164.691,11
Iván Ramírez	Godoy Cruz	Argentina	23	MC	1.141.638,55
Fabio Verdugo	Godoy Cruz	Argentina	20	AMR	1.077.010,99
Osmar Leguizamón	Godoy Cruz	Argentina	24	STC	986.688,98
Diego Sosa	Godoy Cruz	Argentina	25	AMR	972.514,42
Tomás Badaloni	Godoy Cruz	Argentina	18	STC	885.631,05
Luciano Pizarro	Godoy Cruz	Argentina	20	MC	859.684,24
Fernando Nuñez	Godoy Cruz	Argentina	22	STC	770.893,39
Agustín Aleo	Godoy Cruz	Argentina	20	DL	670.662,48
Valentín Burgoa	Godoy Cruz	Argentina	17	AMC	654.585,99
Luis De Faría	Godoy Cruz	Argentina	22	AMC	635.312,64
Brian Alférez	Godoy Cruz	Argentina	20	DC	609.553,72
Marcelo Freitas	Godoy Cruz	Argentina	20	AMR	606.010,62
Ezequiel Bullaude	Godoy Cruz	Argentina	17	STC	593.140,41
Agustín Manzur	Godoy Cruz	Argentina	17	MC	547.173,82
Ignacio Pipistrelli	Godoy Cruz	Argentina	20	AMR	534.461,30
Lautaro Rigazzi Gaete	Godoy Cruz	Argentina	20	DC	510.720,29
Ismael Cortez	Godoy Cruz	Argentina	18	DR	503.555,29
Facundo Jofré	Godoy Cruz	Argentina	19	DC	472.579,34
Marcos Rouzies	Godoy Cruz	Argentina	21	DC	470.333,15
Agustín Pereyra	Godoy Cruz	Argentina	19	DR	470.172,42
Gastón Arturia	Godoy Cruz	Argentina	18	DR	468.825,73
Saúl Salcedo	Huracán	Argentina	20	DC	6.221.882,54

Andrés Roa	Huracán	Argentine	25	AMC	3.788.366,19
Juan Fernando Garro	Huracán	Argentine	25	STC	2.660.529,90
Andrés Chávez	Huracán	Argentine	27	STC	2.474.511,67
Iván Rossi	Huracán	Argentine	24	MC	2.069.847,08
Lucas Gamba	Huracán	Argentine	31	STC	1.837.356,86
Walter Pérez	Huracán	Argentine	20	DL	1.809.436,60
Carlos Auzqui	Huracán	Argentine	27	AMR	1.766.515,63
Diego Mendoza	Huracán	Argentine	25	STC	1.754.634,59
Norberto Biasco	Huracán	Argentine	22	AMR	1.663.226,81
Omar Alderete	Huracán	Argentine	21	DC	1.124.575,31
Lucas Merolla	Huracán	Argentine	23	DC	1.085.005,62
Christian Chimino	Huracán	Argentine	30	DR	1.025.504,50
Gabriel Guerra	Huracán	Argentine	25	STC	805.022,93
Israel Damonte	Huracán	Argentine	36	MC	753.436,31
David Drocco	Huracán	Argentine	29	AMR	738.804,18
Matías Juárez	Huracán	Argentine	21	MC	736.112,53
Fernando Cosciuc	Huracán	Argentine	20	DC	682.340,23
Nicolás Cordero	Huracán	Argentine	19	STC	583.391,02
Mauro Bogado	Huracán	Argentine	33	MC	578.854,28
Patricio Toranzo	Huracán	Argentine	36	MC	553.664,39
Federico Mancinelli	Huracán	Argentine	36	DC	550.357,18
Pablo Álvarez	Huracán	Argentine	34	DR	516.854,03
Leandro Paradiso	Huracán	Argentine	20	STC	515.042,94
Emanuel Morales	Huracán	Argentine	31	DL	466.218,14
Aarón Cárdenas	Huracán	Argentine	20	DC	464.238,70
Carlos Araujo	Huracán	Argentine	36	DR	460.702,35
Gastón Romano	Huracán	Argentine	20	AMC	446.869,22
Brian Maidana	Huracán	Argentine	18	AMR	430.811,35
Agustín Curruhinca	Huracán	Argentine	18	AMR	427.768,79
César Ibáñez	Huracán	Argentine	19	DL	414.144,79
Enzo Pare	Huracán	Argentine	21	DC	410.779,63
Lautaro Calderón	Huracán	Argentine	19	AMR	410.092,79
Brian Urquiza	Huracán	Argentine	21	DR	406.625,71
Franco Romero Gamarra	Huracán	Argentine	20	AML	392.004,67
Sebastián Ramírez	Huracán	Argentine	17	AMC	383.602,22
Ignacio Rodríguez	Huracán	Argentine	19	AML	372.620,90
Martín Ibarra	Huracán	Argentine	18	DC	369.815,52
Shayr Mohamed	Huracán	Argentine	18	AMR	368.107,78
Kevin Denis	Huracán	Argentine	18	DM	364.700,41
Lucas Valente	Huracán	Argentine	20	DM	364.630,32
Gustavo Rafasquino	Huracán	Argentine	20	DC	363.331,76
Maximiliano Zelaya	Huracán	Argentine	21	DC	360.774,50
Iván Tierno	Huracán	Argentine	18	DM	359.842,58
Alex Sosa	Huracán	Argentine	19	AMR	355.753,12
Lucas Chaparre	Huracán	Argentine	19	DM	354.971,77
Joaquín Vignati	Huracán	Argentine	17	DM	326.051,80
Alan Franco	Independiente	Argentine	21	DC	9.114.958,44
Fabrizio Bustos	Independiente	Argentine	22	DR	8.100.985,59
Martín Benítez	Independiente	Argentine	24	AML	7.927.420,98
Maximiliano Meza	Independiente	Argentine	26	AMC	7.867.109,21
Leandro Fernández	Independiente	Argentine	27	STC	6.291.614,47
Ezequiel Cerutti	Independiente	Argentine	26	AMR	6.248.385,95
Fernando Gaibor	Independiente	Argentine	26	MC	5.822.430,49
Pablo Hernández	Independiente	Argentine	31	AMC	5.763.869,49
Silvio Romero	Independiente	Argentine	29	STC	5.729.735,86
Emmanuel Gigliotti	Independiente	Argentine	31	STC	4.873.996,43
Braian Romero	Independiente	Argentine	27	AMR	4.587.355,83
Juan Sánchez Miño	Independiente	Argentine	28	AML	4.500.510,43
Gastón Silva	Independiente	Argentine	24	DL	4.481.125,71
Nicolás Figal	Independiente	Argentine	24	DC	4.124.746,20
Gonzalo Verón	Independiente	Argentine	28	AMR	3.913.075,44

Francisco Pizzini	Independiente	Argentine	24	AML	3.883.661,92
Carlos Benavidez	Independiente	Argentine	20	DM	3.622.579,56
Emanuel Britéz	Independiente	Argentine	26	DR	3.445.240,34
Guillermo Burdisso	Independiente	Argentine	29	DC	3.007.562,00
Mauro Molina	Independiente	Argentine	18	STC	2.832.050,84
Gonzalo Asis	Independiente	Argentine	22	DR	2.715.909,96
Leonel Álvarez	Independiente	Argentine	23	MC	2.543.742,30
Nicolás Domingo	Independiente	Argentine	33	DM	2.120.999,70
Roberto Giacomini	Independiente	Argentine	21	STC	2.115.046,62
Fernando Amorebieta	Independiente	Argentine	33	DC	1.755.719,95
Sergio Barreto	Independiente	Argentine	20	DC	1.666.370,46
Lucas Lezcano	Independiente	Argentine	20	AMR	1.496.708,45
Lucas Abadie	Independiente	Argentine	19	STC	1.486.270,44
Diego Mercado	Independiente	Argentine	21	DM	1.468.084,54
Mateo Mayor	Independiente	Argentine	20	DL	1.453.780,92
Enrique Blanco	Independiente	Argentine	21	AML	1.346.930,08
Cristian Luzardo	Independiente	Argentine	21	AMR	1.286.879,95
Mauro Olivetti	Independiente	Argentine	20	DL	1.286.287,25
Cristian Barco	Independiente	Argentine	18	AMC	1.242.395,96
Iván López	Independiente	Argentine	21	DL	1.232.682,01
Enzo Tamborelli	Independiente	Argentine	20	DC	1.203.261,74
Juan Da Rosa	Independiente	Argentine	20	AMR	1.142.277,76
Francisco Silva	Independiente	Argentine	32	DM	1.045.916,14
Elías Contreras	Independiente	Argentine	21	AMR	962.611,76
Brian Gauna	Independiente	Argentine	20	MC	961.207,68
Mariano Olivera	Independiente	Argentine	21	DL	957.616,04
Sergio Díaz	Independiente	Argentine	22	STC	914.067,52
Franco Ramos	Independiente	Argentine	20	DL	887.310,02
Agustín Lucero	Independiente	Argentine	20	DC	862.958,50
Alan Soñora	Independiente	Argentine	19	AMC	862.654,71
Carlos Benítez	Independiente	Argentine	18	DR	847.198,45
Ezequiel Serrizuela	Independiente	Argentine	19	DL	845.699,67
Leonel Márquez	Independiente	Argentine	23	DL	840.778,62
Mauricio Tesare	Independiente	Argentine	19	AMR	825.937,89
Sergio Alegre	Independiente	Argentine	20	AMC	804.813,41
Ciro Campuzano	Independiente	Argentine	20	AMR	799.951,76
Ezequiel Vilán	Independiente	Argentine	20	DR	782.814,33
Walter Perea	Independiente	Argentine	19	DC	740.610,30
Gonzalo Villarreal	Independiente	Argentine	20	DC	697.762,48
Lautaro Acosta	Lanús	Argentine	30	AMR	5.706.459,42
José Luis Gómez	Lanús	Argentine	24	DR	5.334.564,03
Tomás Belmonte	Lanús	Argentine	20	DM	2.929.108,32
Facundo Quignón	Lanús	Argentine	25	DM	2.789.837,12
Sebastian Ribas	Lanús	Argentine	30	STC	2.407.090,92
Leonel Di Placido	Lanús	Argentine	24	DR	2.335.349,50
Facundo Monteseirín	Lanús	Argentine	23	DC	2.116.858,54
Nicolás Pasquini	Lanús	Argentine	27	DL	2.112.308,83
Nicolás Thaller	Lanús	Argentine	19	DC	2.028.511,63
Marcelo Herrera	Lanús	Argentine	26	DC	1.988.522,47
Marcelino Moreno	Lanús	Argentine	23	AML	1.916.967,72
Fernando Coniglio	Lanús	Argentine	26	STC	1.827.027,39
Gabriel Carrasco	Lanús	Argentine	21	DR	1.791.898,93
Leandro Maciel	Lanús	Argentine	22	DM	1.768.197,18
Gastón Lodico	Lanús	Argentine	20	AML	1.768.156,78
Rolando García Guerreño	Lanús	Argentine	28	DC	1.733.563,53
Marco Torsiglieri	Lanús	Argentine	30	DC	1.693.583,65
Lucas Mugni	Lanús	Argentine	26	AMC	1.687.689,73
Jorge Pereyra Díaz	Lanús	Argentine	27	STC	1.675.672,55
Sergio González	Lanús	Argentine	23	AMR	1.449.687,11
Fernando Barrientos	Lanús	Argentine	27	MC	1.401.310,14
Gonzalo Di Renzo	Lanús	Argentine	22	AML	1.375.612,90

Bruno Vides	Lanús	Argentine	25	STC	1.249.053,59
Cristian Ramírez	Lanús	Argentine	23	DL	1.190.910,72
Abel Argañaraz	Lanús	Argentine	19	STC	1.113.022,83
José Luis Sinisterra	Lanús	Argentine	19	AML	1.003.891,25
Joel Martínez	Lanús	Argentine	22	STC	938.007,27
Marcos Pinto	Lanús	Argentine	24	DL	906.930,86
Darío Cáceres	Lanús	Argentine	20	DL	823.444,87
Agustín Vallejos	Lanús	Argentine	19	DR	736.225,31
Rodrigo Pacheco	Lanús	Argentine	21	AMR	718.508,23
Lautaro Lobo	Lanús	Argentine	21	AMC	707.718,00
Pablo Martínez	Lanús	Argentine	21	AML	658.093,38
Alejo Blanco	Lanús	Argentine	19	AML	655.141,78
Enzo López	Lanús	Argentine	20	AMR	643.775,59
Matías Donato	Lanús	Argentine	19	STC	640.613,95
David Sayago	Lanús	Argentine	18	STC	639.790,31
Agustín Mansilla	Lanús	Argentine	20	STC	634.465,70
Lautaro Valenti	Lanús	Argentine	19	DC	625.923,21
Leandro Aranda	Lanús	Argentine	20	DC	625.466,73
Mauro García	Lanús	Argentine	18	STC	601.052,64
Kevin Cardozo	Lanús	Argentine	20	DM	596.413,52
Matías Esquivel	Lanús	Argentine	19	AML	590.871,86
Isaac Merlo	Lanús	Argentine	21	AMC	585.599,86
Leonel Belecco	Lanús	Argentine	21	DL	579.009,56
Gianfranco Lillo	Lanús	Argentine	19	DC	575.927,60
Valentín Gasc	Lanús	Argentine	17	AMR	573.217,32
Sebastián Herrera	Lanús	Argentine	20	DM	543.362,97
Lucas Cañete	Lanús	Argentine	18	DM	504.470,58
Aaron Herrera	Lanús	Argentine	18	DR	494.635,83
Franco Daranno	Lanús	Argentine	18	AML	479.788,75
Carlos Soler	Lanús	Argentine	17	MC	452.063,86
Agustín Llanos	Lanús	Argentine	18	DC	448.209,31
Joaquín Torres	Newell's	Argentine	21	AML	2.664.490,61
Braian Rivero	Newell's	Argentine	22	DM	2.643.156,38
Alfio Oviedo	Newell's	Argentine	22	STC	2.572.816,17
Héctor Fertoli	Newell's	Argentine	23	AMR	2.523.523,28
Leonel Ferroni	Newell's	Argentine	22	DL	2.088.682,10
Mauro Formica	Newell's	Argentine	30	AMC	1.951.720,84
Brian Sarmiento	Newell's	Argentine	28	AMR	1.896.993,44
Teodoro Paredes	Newell's	Argentine	25	DC	1.552.526,68
Luís Leal	Newell's	Argentine	31	STC	1.521.908,28
Fabrizio Fontanini	Newell's	Argentine	28	DC	1.479.466,44
Iván Piris	Newell's	Argentine	29	DR	1.395.703,50
Hernán Bernardello	Newell's	Argentine	31	DM	1.163.176,54
Francisco Fydriszewski	Newell's	Argentine	25	STC	1.161.742,10
Joel Amoroso	Newell's	Argentine	30	AMR	1.152.000,97
Stefano Callegari	Newell's	Argentine	21	DC	1.114.979,43
Jeronimo Cacciabue	Newell's	Argentine	20	MC	1.069.287,25
Gastón Del Castillo	Newell's	Argentine	21	AMC	1.052.875,70
Facundo Nadalín	Newell's	Argentine	20	DR	1.023.896,32
Lisandro Cabrera	Newell's	Argentine	20	STC	809.636,85
Alexis Rodriguez	Newell's	Argentine	22	STC	776.184,50
Mariano Bittolo	Newell's	Argentine	28	DL	740.571,67
Maximiliano Ribero	Newell's	Argentine	20	MC	702.598,61
Alan Luque	Newell's	Argentine	19	DC	655.068,85
Juan Manuel Requena	Newell's	Argentine	19	MC	641.961,08
Victor Figueroa	Newell's	Argentine	34	AML	639.305,45
Juan Ignacio Sills	Newell's	Argentine	31	DC	628.947,08
Carlos Rotondi	Newell's	Argentine	21	STC	615.816,49
Franco Capitani	Newell's	Argentine	19	STC	600.136,84
Juan Pablo Freytes	Newell's	Argentine	18	DL	561.950,82
Matias Odone	Newell's	Argentine	19	DL	551.848,00

Marcelo Eggel	Newell's	Argentina	19	AMR	549.054,31
Enzo Cabrera	Newell's	Argentina	18	AMR	541.358,39
Sebastián Batista	Newell's	Argentina	21	AMC	534.666,47
Julián Marcioni	Newell's	Argentina	20	AMR	527.042,31
Leandro Grimi	Newell's	Argentina	33	DL	517.960,42
Francisco Manenti	Newell's	Argentina	22	AMR	504.205,13
Facundo Pardo	Newell's	Argentina	20	DC	503.009,57
Lisandro Alzugaray	Newell's	Argentina	28	AMC	489.009,52
Nicolás Heiz	Newell's	Argentina	20	STC	488.202,14
Rodrigo Scagliarini	Newell's	Argentina	18	DC	481.081,36
Nicolás Castro	Newell's	Argentina	17	MC	479.150,81
Ramiro Sordo	Newell's	Argentina	18	AMR	476.888,70
Nahuel Cisneros	Newell's	Argentina	20	AML	465.141,74
Lucio Bagalá	Newell's	Argentina	20	AML	460.871,83
Elías Del Sonno	Newell's	Argentina	19	AMR	453.913,20
Tiago Ruíz Díaz	Newell's	Argentina	20	DR	449.170,06
Juan Bedouret	Newell's	Argentina	19	DC	437.492,60
Gastón Ascona	Newell's	Argentina	19	DR	420.421,34
Zé Turbo	Newell's	Argentina	21	STC	412.384,51
Mariano Barra	Newell's	Argentina	21	DM	395.789,20
Gabriel Miranda	Newell's	Argentina	18	DM	369.782,15
Damián Lemos	Patronato	Argentina	29	DM	1.517.507,30
Facundo Barcelo	Patronato	Argentina	25	STC	1.292.017,92
Ezequiel Rescaldani	Patronato	Argentina	26	STC	1.237.757,95
Federico Bravo	Patronato	Argentina	24	DM	1.224.077,88
Lautaro Geminiani	Patronato	Argentina	27	DR	1.119.818,66
Agustín Sandona	Patronato	Argentina	25	DC	1.074.577,65
Agustín Guiffrey	Patronato	Argentina	20	MC	951.620,93
Bruno Urribarri	Patronato	Argentina	31	DL	944.805,60
Gabriel Carabajal	Patronato	Argentina	27	AMC	900.390,67
Nicolás Royón	Patronato	Argentina	27	STC	811.767,19
Pablo Ledesma	Patronato	Argentina	34	MC	763.938,24
Lautaro Comas	Patronato	Argentina	23	AMC	752.392,95
Lucas Ceballos	Patronato	Argentina	31	DR	659.447,49
Abel Peralta	Patronato	Argentina	29	AMR	658.319,87
Nicolás Pantaleone	Patronato	Argentina	25	DL	646.086,05
Matías Garrido	Patronato	Argentina	32	AMC	570.816,19
Matías Escudero	Patronato	Argentina	29	DC	540.146,41
Bruno Duarte	Patronato	Argentina	23	DC	533.234,33
Walter Andrade	Patronato	Argentina	33	DC	530.958,50
Matías Fonseca	Patronato	Argentina	22	STC	507.744,39
Renzo Vera	Patronato	Argentina	35	DC	493.377,66
Yamil Silva	Patronato	Argentina	21	DM	477.694,11
Marcos Minetti	Patronato	Argentina	29	AML	477.474,30
Tomás Cainero	Patronato	Argentina	22	STC	475.346,37
Eliás Speranza	Patronato	Argentina	19	STC	460.543,10
Juan Galetto	Patronato	Argentina	21	DR	458.932,83
Sebastián Landra	Patronato	Argentina	19	STC	445.387,83
Milton Aguilar	Patronato	Argentina	22	STC	431.858,84
César Bitschin	Patronato	Argentina	22	DC	402.936,09
Juan Cruz Franzoni	Patronato	Argentina	18	STC	398.862,19
Gabriel Schvindt	Patronato	Argentina	19	DM	395.813,74
Pablo Hofstetter	Patronato	Argentina	17	DM	391.902,49
Facundo Lucero	Patronato	Argentina	18	DC	390.581,24
Brian Giménez	Patronato	Argentina	17	AML	375.138,87
Gustavo Bou	Racing Club	Argentina	28	STC	6.379.179,73
Ricardo Centurión	Racing Club	Argentina	25	AML	5.741.433,18
Mauricio Martínez	Racing Club	Argentina	25	DM	3.906.498,07
Guillermo Fernández	Racing Club	Argentina	26	AMR	3.513.676,45
Alexis Soto	Racing Club	Argentina	24	DL	3.203.374,41
Marcelo Díaz	Racing Club	Argentina	31	DM	3.182.413,36

Pablo Cuadra	Racing Club	Argentine	23	STC	3.078.490,33
Matías Zaracho	Racing Club	Argentine	20	AMR	3.027.632,81
Renzo Saravia	Racing Club	Argentine	25	DR	3.001.316,17
Neri Cardozo	Racing Club	Argentine	31	AML	2.626.635,48
Brian Mansilla	Racing Club	Argentine	21	AML	2.507.394,47
Nery Domínguez	Racing Club	Argentine	28	MC	2.448.079,86
Augusto Solari	Racing Club	Argentine	26	AMR	2.272.248,38
Rodrigo Amaral	Racing Club	Argentine	21	AMC	2.232.771,36
Alejandro Donatti	Racing Club	Argentine	31	DC	2.123.641,47
Lisandro López	Racing Club	Argentine	35	STC	1.987.590,34
Leonardo Sigali	Racing Club	Argentine	31	DC	1.973.411,34
Lucas Orbán	Racing Club	Argentine	29	DL	1.844.365,95
Evelio Cardozo	Racing Club	Argentine	17	AMC	1.814.519,66
Agustín Araujo	Racing Club	Argentine	19	AMR	1.763.459,01
Eugenio Mena	Racing Club	Argentine	29	DL	1.712.825,69
Martín Ojeda	Racing Club	Argentine	19	AML	1.654.542,56
Jonathan Cristaldo	Racing Club	Argentine	29	STC	1.512.351,42
Federico Vietto	Racing Club	Argentine	20	STC	1.479.806,50
Tiago Banega	Racing Club	Argentine	19	AMC	1.380.271,02
Iván Pillud	Racing Club	Argentine	32	DR	1.281.649,32
Juan Cruz Areco	Racing Club	Argentine	19	MC	1.259.880,09
Rodrigo Schlegel	Racing Club	Argentine	21	DC	1.184.137,42
Héctor Villalba	Racing Club	Argentine	22	AMR	823.042,78
Brian López	Racing Club	Argentine	19	STC	812.498,26
Facundo Espósito	Racing Club	Argentine	18	STC	764.855,51
Gonzalo Córdoba	Racing Club	Argentine	18	AMC	619.353,29
Bruno Dordoni	Racing Club	Argentine	19	DL	552.461,04
Matías Escudero	Racing Club	Argentine	19	DC	538.883,74
Luis Dezi	Racing Club	Argentine	18	AMR	488.356,88
Gonzalo Martínez	River	Argentine	25	AML	9.643.634,45
Juan Fernando Quintero	River	Argentine	25	AMC	8.981.233,00
Exequiel Palacios	River	Argentine	19	AMR	6.526.489,59
Lucas Pratto	River	Argentine	30	STC	6.140.474,54
Lucas Martínez Quarta	River	Argentine	22	DC	4.704.258,30
Rafael Santos Borré	River	Argentine	22	STC	4.667.538,66
Gonzalo Montiel	River	Argentine	21	DC	3.961.122,34
Enzo Pérez	River	Argentine	32	MC	3.525.225,90
Ignacio Fernández	River	Argentine	28	AML	3.465.488,49
Camilo Mayada	River	Argentine	27	AMR	3.217.176,75
Bruno Zuculini	River	Argentine	25	MC	2.886.452,38
Jorge Moreira	River	Argentine	28	DR	2.885.566,39
Ignacio Scocco	River	Argentine	33	STC	2.735.876,73
Rodrigo Mora	River	Argentine	30	STC	2.223.052,15
Nicolás De La Cruz	River	Argentine	21	AMC	2.172.576,27
Franco Petracca	River	Argentine	21	STC	2.053.011,27
Jonathan Maidana	River	Argentine	33	DC	1.826.057,84
Milton Casco	River	Argentine	30	DR	1.776.613,67
Luis Olivera	River	Argentine	19	DL	1.762.742,10
Kevin Sibille	River	Argentine	19	DC	1.637.931,59
Javier Pinola	River	Argentine	35	DC	1.562.339,11
Benjamín Rollheiser	River	Argentine	18	AMR	1.480.174,67
Matías Moya	River	Argentine	20	AMC	1.316.499,56
Luciano Lollo	River	Argentine	31	DC	1.289.915,55
Leonardo Ponzio	River	Argentine	36	DM	1.274.709,72
Cristian Ferreira	River	Argentine	18	AMC	1.264.171,78
Augusto Aguirre	River	Argentine	18	DC	1.242.778,30
Nahuel Gallardo	River	Argentine	20	DL	1.069.685,58
Santiago Sosa	River	Argentine	19	DM	1.025.192,10
Jeremías Rodríguez	River	Argentine	19	AMC	1.009.296,87
Javier Molina	River	Argentine	18	AMC	929.231,53
Alan Picazzo	River	Argentine	19	STC	928.103,59

Braian Salvareschi	River	Argentina	19	DC	861.503,79
Santiago Vera	River	Argentina	19	AMR	850.614,66
Elías López	River	Argentina	17	AMR	848.259,61
Julián Álvarez	River	Argentina	18	STC	810.218,47
Cleiton De Arquino	River	Argentina	19	STC	792.563,57
Federico Girotti	River	Argentina	19	STC	783.645,81
Joaquín Pérez Ibañez	River	Argentina	18	STC	764.860,91
Patricio Nuñez	River	Argentina	19	MC	711.709,63
Franco Camargo	River	Argentina	17	DR	704.758,24
Eric Barrios	River	Argentina	20	MC	688.049,07
Héctor Martínez	River	Argentina	20	DC	679.882,37
Pedro Pavlov	River	Argentina	18	DL	676.965,93
Valentín Matlis	River	Argentina	18	MC	658.503,76
Lautaro Grosso	River	Argentina	18	AMC	644.951,61
Agustín Zicarelli	River	Argentina	20	STC	636.369,92
Lucas Acosta	River	Argentina	18	STC	629.610,64
Luciano Vega	River	Argentina	19	MC	628.845,16
Giuliano Lucca	River	Argentina	18	AML	620.807,51
Abraham Osorio	River	Argentina	21	DM	613.384,03
Juan Tomicich	River	Argentina	18	DC	598.558,34
Tomás Galván	River	Argentina	17	STC	595.590,42
Tomás Iturria	River	Argentina	19	STC	593.902,47
Pablo Olivo	River	Argentina	19	DM	592.682,06
Enzo Martínez	River	Argentina	21	DL	590.364,88
Matías Dolce	River	Argentina	19	AMR	589.259,53
Gabriel Chocobar	River	Argentina	18	DC	582.543,23
Bruno Fernández	River	Argentina	19	DR	573.620,56
Matías Sánchez	River	Argentina	19	DM	571.694,91
Franco Paredes	River	Argentina	18	DR	563.323,51
Gonzalo Silva	River	Argentina	19	AMR	556.127,10
Dylan García	River	Argentina	17	DL	530.145,90
Santiago Montiel	River	Argentina	17	DC	516.200,19
Julián Rodríguez Vuotto	River	Argentina	18	DC	512.309,86
Alan Díaz	River	Argentina	18	AML	463.327,48
Leonardo Gil	Rosario Central	Argentina	27	MC	4.055.004,77
Marco Ruben	Rosario Central	Argentina	31	STC	2.741.470,82
Oscar Cabezas	Rosario Central	Argentina	21	DC	2.729.071,04
Maximiliano Lovera	Rosario Central	Argentina	19	AMC	2.503.809,22
Federico Carrizo	Rosario Central	Argentina	27	AML	2.326.770,44
Gonzalo Bettini	Rosario Central	Argentina	26	DR	2.218.515,65
Alfonso Parot	Rosario Central	Argentina	28	DL	2.070.086,30
Fernando Zampedri	Rosario Central	Argentina	30	STC	2.065.952,54
Washington Camacho	Rosario Central	Argentina	32	AML	1.771.852,53
José Luis Fernández	Rosario Central	Argentina	30	AML	1.579.835,85
Miguel Barbieri	Rosario Central	Argentina	24	DC	1.570.787,72
Néstor Ortigoza	Rosario Central	Argentina	33	MC	1.492.654,28
Elías Gómez	Rosario Central	Argentina	24	DL	1.145.174,70
Leonel Rivas	Rosario Central	Argentina	18	AMC	1.113.111,83
Matías Caruzzo	Rosario Central	Argentina	33	DC	1.107.195,71
Rodrigo Migone	Rosario Central	Argentina	22	STC	1.002.897,63
Andres Lioi	Rosario Central	Argentina	21	AMR	998.006,34
Marcelo Ortiz	Rosario Central	Argentina	24	DC	966.269,83
Diego Arismendi	Rosario Central	Argentina	30	DM	919.646,24
Joaquín Pereyra	Rosario Central	Argentina	19	AMC	875.572,13
Félix Banega	Rosario Central	Argentina	21	MC	838.266,91
Diego Becker	Rosario Central	Argentina	20	AML	826.479,02
Germán Herrera	Rosario Central	Argentina	34	STC	819.401,66
Emmanuel Ojeda	Rosario Central	Argentina	20	MC	808.776,90
Renzo Alfani	Rosario Central	Argentina	22	DC	801.502,71
Francesco Lo Celso	Rosario Central	Argentina	18	AML	798.295,21
Nahuel Gómez	Rosario Central	Argentina	21	DR	782.436,67

Nicolas Giménez	Rosario Central	Argentine	21	DC	727.548,81
Agustín Coscia	Rosario Central	Argentine	21	STC	709.639,79
Renzo Reynaga	Rosario Central	Argentine	19	STC	687.504,39
Agustín Príncipe	Rosario Central	Argentine	17	STC	675.989,13
Oscar Retamal Enriquez	Rosario Central	Argentine	20	STC	675.105,67
Agustín Maziero	Rosario Central	Argentine	20	STC	645.187,41
Misael Laborde	Rosario Central	Argentine	20	AMC	639.911,18
Jerónimo Rodríguez	Rosario Central	Argentine	20	AML	637.314,66
Alan Marinelli	Rosario Central	Argentine	19	AML	632.895,11
Facundo Rizzi	Rosario Central	Argentine	20	DL	612.561,50
Rodrigo González	Rosario Central	Argentine	18	DC	597.759,30
Facundo Almada	Rosario Central	Argentine	19	DL	591.866,74
Joan Mazzaco	Rosario Central	Argentine	18	DL	591.560,73
Matías Palavecino	Rosario Central	Argentine	20	AML	588.831,13
Luciano Recalde	Rosario Central	Argentine	22	DC	582.548,03
Agustín Villasanti	Rosario Central	Argentine	18	DC	575.749,90
Tomás Zanotti	Rosario Central	Argentine	21	DC	563.143,46
Matías Recalde	Rosario Central	Argentine	20	DL	555.773,45
Osinachi Ebere	Rosario Central	Argentine	20	AML	539.012,24
Iván Antunes	Rosario Central	Argentine	20	DR	536.209,42
Santiago Ibáñez	Rosario Central	Argentine	18	MC	523.875,37
Nicolás González	Rosario Central	Argentine	22	AMR	522.076,62
Lautaro Blanco	Rosario Central	Argentine	19	DL	511.006,24
Iván Salvagno	Rosario Central	Argentine	20	STC	510.664,48
Ezequiel Montero	Rosario Central	Argentine	20	MC	504.297,16
Agustín Casafus	Rosario Central	Argentine	18	MC	483.945,24
Nicolás Blandi	San Lorenzo	Argentine	28	STC	7.337.740,34
Marcos Senesi	San Lorenzo	Argentine	21	DC	5.562.877,13
Nicolás Reniero	San Lorenzo	Argentine	23	STC	3.759.396,58
Gabriel Gudiño	San Lorenzo	Argentine	26	AMR	3.107.997,26
Gerónimo Poblete	San Lorenzo	Argentine	25	MC	3.036.830,67
Franco Mussis	San Lorenzo	Argentine	26	DM	2.983.069,61
Alexis Castro	San Lorenzo	Argentine	23	MC	2.813.758,50
Rubén Botta	San Lorenzo	Argentine	28	AMC	2.784.590,99
Gabriel Rojas	San Lorenzo	Argentine	21	DL	2.734.846,44
Víctor Salazar	San Lorenzo	Argentine	25	DR	2.670.023,35
Bautista Merlini	San Lorenzo	Argentine	22	AML	2.520.155,16
Fernando Belluschi	San Lorenzo	Argentine	34	MC	2.479.171,17
Cristian Barrios	San Lorenzo	Argentine	20	AMC	2.393.445,05
Gonzalo Rodríguez	San Lorenzo	Argentine	34	DC	1.771.524,40
Ariel Rojas	San Lorenzo	Argentine	32	MC	1.768.860,82
Franco Moyano	San Lorenzo	Argentine	20	DM	1.757.645,11
Elías Pereyra	San Lorenzo	Argentine	19	DL	1.698.619,97
Pablo Mouche	San Lorenzo	Argentine	30	AML	1.665.165,53
Lautaro Montoya	San Lorenzo	Argentine	23	AML	1.558.407,90
Adolfo Gaich	San Lorenzo	Argentine	19	STC	1.554.542,25
Daniel Hernández	San Lorenzo	Argentine	27	AMC	1.541.544,84
Fabrizio Coloccini	San Lorenzo	Argentine	36	DC	1.329.498,36
Federico Gattoni	San Lorenzo	Argentine	19	DC	1.130.230,51
Germán Berterame	San Lorenzo	Argentine	19	STC	953.277,63
Jonás Acevedo	San Lorenzo	Argentine	21	AML	936.391,42
Alejandro Molina	San Lorenzo	Argentine	20	DR	925.639,30
Julián Palacios	San Lorenzo	Argentine	19	AMC	904.533,17
Manuel Insaurralde	San Lorenzo	Argentine	19	AMR	742.022,95
David Vallejo	San Lorenzo	Argentine	18	AMC	732.514,99
Nahuel Manzo	San Lorenzo	Argentine	20	STC	711.437,72
Laureano Cabral	San Lorenzo	Argentine	18	STC	690.698,58
Matías Rapetti	San Lorenzo	Argentine	19	DC	683.515,86
Alexis Sabella	San Lorenzo	Argentine	17	AMC	650.221,61
Facundo Monín	San Lorenzo	Argentine	19	STC	647.158,10
Andrés Herrera	San Lorenzo	Argentine	19	DR	636.289,59

Gianluca Ferrari	San Lorenzo	Argentine	21	DC	635.491,54
Emanuel Maciel	San Lorenzo	Argentine	21	DM	631.391,64
Rodrigo Campanelli	San Lorenzo	Argentine	19	DC	624.196,36
Gonzalo Berterame	San Lorenzo	Argentine	21	STC	621.327,79
Daniel Barreto	San Lorenzo	Argentine	18	AMC	599.604,20
Alexis Aburto	San Lorenzo	Argentine	19	DM	575.725,17
Nicolás Lozano	San Lorenzo	Argentine	20	STC	571.708,16
Ariel Fantoni	San Lorenzo	Argentine	19	STC	571.220,73
Ramiro Pintos	San Lorenzo	Argentine	18	DL	563.362,93
Gastón Hernández	San Lorenzo	Argentine	20	DC	562.809,02
Santiago Riera	San Lorenzo	Argentine	20	AMR	557.082,50
Matías Kucich	San Lorenzo	Argentine	20	DC	555.898,50
Rodrigo Cavallera	San Lorenzo	Argentine	18	DC	550.505,80
Mariano Peralta Bauer	San Lorenzo	Argentine	20	STC	543.655,27
Francisco Galván	San Lorenzo	Argentine	18	STC	542.748,77
Nicolás Fernández	San Lorenzo	Argentine	18	STC	541.316,14
Gonzalo Ríos	San Lorenzo	Argentine	19	STC	536.510,26
José Vivanco	San Lorenzo	Argentine	20	DC	535.667,27
Axel Abet	San Lorenzo	Argentine	20	DM	529.866,49
Matías Sosa	San Lorenzo	Argentine	18	DC	527.371,76
Lucas Verón	San Lorenzo	Argentine	18	AMR	524.502,83
Lucas Nava	San Lorenzo	Argentine	20	DM	514.161,59
Nelson Chicco	San Lorenzo	Argentine	19	STC	503.115,65
Aníbal Romero	San Lorenzo	Argentine	19	DR	500.679,22
Sebastián Mieres	San Lorenzo	Argentine	18	DC	489.567,65
Axel Romero	San Lorenzo	Argentine	18	DC	479.696,25
Facundo Cabrera	San Lorenzo	Argentine	20	DR	475.225,86
Nazareno Solís	San Martín (SJ)	Argentine	24	AML	2.655.582,53
Franco Cristaldo	San Martín (SJ)	Argentine	21	AMR	2.096.338,63
Fernando Brandán	San Martín (SJ)	Argentine	28	AML	1.742.256,07
Gustavo Villarruel	San Martín (SJ)	Argentine	26	AMC	1.729.150,76
Claudio Mosca	San Martín (SJ)	Argentine	27	MC	1.418.289,52
Daniel Opazo	San Martín (SJ)	Argentine	21	STC	1.288.627,35
Hernán Da Campo	San Martín (SJ)	Argentine	23	AMR	1.177.580,48
Zacarías Morán Correa	San Martín (SJ)	Argentine	22	MC	1.006.487,80
Federico Milo	San Martín (SJ)	Argentine	26	DL	997.225,80
Pablo Palacios Alvarenga	San Martín (SJ)	Argentine	30	STC	966.769,57
Alex Silva	San Martín (SJ)	Argentine	25	AMR	956.105,14
Francisco Álvarez	San Martín (SJ)	Argentine	18	DC	782.156,31
Matías Fissore	San Martín (SJ)	Argentine	27	MC	770.286,61
Diego Cardozo	San Martín (SJ)	Argentine	31	AML	769.609,13
Pablo Aguilar	San Martín (SJ)	Argentine	33	DC	701.606,90
Juan Mattia	San Martín (SJ)	Argentine	30	DC	700.225,66
Matías Sánchez	San Martín (SJ)	Argentine	30	DM	691.432,08
Francisco Grahl	San Martín (SJ)	Argentine	26	AMC	670.112,49
Nicolás Pelaitay	San Martín (SJ)	Argentine	25	DM	642.815,44
Maximiliano Algañaraz	San Martín (SJ)	Argentine	21	DL	639.043,87
Jonatan Goitía	San Martín (SJ)	Argentine	24	DR	626.218,72
Pablo Magnín	San Martín (SJ)	Argentine	28	STC	618.607,12
Gonzalo Prósperi	San Martín (SJ)	Argentine	33	DR	592.558,73
Martín Bravo	San Martín (SJ)	Argentine	31	STC	582.145,54
Juan Rodríguez	San Martín (SJ)	Argentine	24	DC	555.176,19
Arián Pucheta	San Martín (SJ)	Argentine	23	DC	552.209,45
Facundo Erpen	San Martín (SJ)	Argentine	35	DC	537.475,06
Gonzalo Castillejos	San Martín (SJ)	Argentine	32	STC	484.519,37
Marcos Gelabert	San Martín (SJ)	Argentine	36	MC	479.087,38
Gabriel Lepe	San Martín (SJ)	Argentine	22	AMC	471.676,42
Emiliano Barrera	San Martín (SJ)	Argentine	23	AMR	455.943,46
Gianni Rodríguez	San Martín (SJ)	Argentine	24	DL	452.055,70
Juan Aguilera	San Martín (SJ)	Argentine	24	DM	448.488,64
Pablo Rovagna	San Martín (SJ)	Argentine	21	AMC	425.184,88

Guillermo Farías	San Martín (SJ)	Argentine	23	AMC	418.816,14
Cristian Parano	San Martín (SJ)	Argentine	18	AMC	416.579,00
Lucas Jofré	San Martín (SJ)	Argentine	23	AMR	406.996,18
Eric Paratore	San Martín (SJ)	Argentine	23	AML	402.788,11
Oscar López	San Martín (SJ)	Argentine	23	DC	394.288,64
Germán Ferrer	San Martín (SJ)	Argentine	22	DM	387.551,49
Alan Difonti	San Martín (SJ)	Argentine	23	DR	383.034,87
Joel González	San Martín (SJ)	Argentine	23	MC	376.747,93
Ramón Quinteros	San Martín (SJ)	Argentine	24	DL	374.162,36
Thiago Ojeda	San Martín (SJ)	Argentine	20	AMR	371.414,32
Nicolás Zalazar	San Martín (SJ)	Argentine	22	DM	359.027,62
Damián Schmidt	San Martín (Tucumán)	Argentine	25	DC	1.480.771,30
Gonzalo Rodríguez	San Martín (Tucumán)	Argentine	27	DC	695.606,68
Andrés Cubas	Talleres Cba.	Argentine	22	MC	4.273.156,30
Juan Cruz Komar	Talleres Cba.	Argentine	21	DC	3.917.175,19
Leonardo Godoy	Talleres Cba.	Argentine	23	DR	3.785.635,06
Gonzalo Maroni	Talleres Cba.	Argentine	19	AMC	3.273.105,86
Juan Ramírez	Talleres Cba.	Argentine	25	AML	2.574.348,70
Miguel Araujo	Talleres Cba.	Argentine	23	DC	2.507.655,05
Mauro Ortiz	Talleres Cba.	Argentine	23	AMR	2.464.059,60
Junior Arias	Talleres Cba.	Argentine	25	STC	2.124.319,54
Ian Escobar	Talleres Cba.	Argentine	22	DL	2.017.805,81
Tomás Pochettino	Talleres Cba.	Argentine	22	AMR	1.857.524,67
Nahuel Tenaglia	Talleres Cba.	Argentine	22	DR	1.788.081,64
Aldo Araujo	Talleres Cba.	Argentine	26	AML	1.779.017,38
Alexis Messidoro	Talleres Cba.	Argentine	21	AMC	1.200.761,65
Brian Montenegro	Talleres Cba.	Argentine	25	STC	1.188.382,97
Nahuel Bustos	Talleres Cba.	Argentine	19	AMR	1.170.015,39
Carlos Quintana	Talleres Cba.	Argentine	30	DC	1.088.017,92
Facundo Medina	Talleres Cba.	Argentine	19	DL	975.235,59
Cristian Ojeda	Talleres Cba.	Argentine	19	AML	816.886,36
Joel Soñora	Talleres Cba.	Argentine	21	AMR	806.737,60
Pablo Guiñazú	Talleres Cba.	Argentine	39	DM	741.194,81
Samuel Sosa	Talleres Cba.	Argentine	18	AML	680.735,92
Marcos Arturia	Talleres Cba.	Argentine	20	AMR	578.279,72
Mauro Valiente	Talleres Cba.	Argentine	19	AMR	550.860,78
Exequiel Beltramone	Talleres Cba.	Argentine	19	AMR	534.956,57
Fernando Juárez	Talleres Cba.	Argentine	19	MC	525.733,32
Diego Valoyes	Talleres Cba.	Argentine	21	STC	524.044,10
Mauricio Toni	Talleres Cba.	Argentine	20	DC	519.801,33
Favio Cabral	Talleres Cba.	Argentine	17	STC	500.329,20
Augusto Schott	Talleres Cba.	Argentine	18	DR	463.124,55
Federico Navarro	Talleres Cba.	Argentine	18	MC	461.112,28
Axel Villegas	Talleres Cba.	Argentine	20	AMC	458.551,87
Renzo Paparelli	Talleres Cba.	Argentine	21	DC	439.593,58
Javier Gandolfi	Talleres Cba.	Argentine	37	DC	433.331,68
Conrado Puigdemellivól	Talleres Cba.	Argentine	17	DM	425.514,21
Fernando Bersano	Talleres Cba.	Argentine	20	DL	423.357,21
Lautaro Guzmán	Talleres Cba.	Argentine	18	AML	419.312,23
Gastón Ortiz	Talleres Cba.	Argentine	21	AML	397.287,65
Carlos Villalba	Talleres Cba.	Argentine	20	DM	388.581,07
Gastón Torres	Talleres Cba.	Argentine	18	AMR	387.960,76
Franco Malagueño	Talleres Cba.	Argentine	19	AMR	387.737,40
Kevin Mergen	Talleres Cba.	Argentine	20	AMR	381.578,26
Stefano Zarantonello	Talleres Cba.	Argentine	18	STC	380.793,32
Alexander Barcia	Talleres Cba.	Argentine	17	STC	380.534,10
Lucas Taborda	Talleres Cba.	Argentine	20	DR	379.597,77
Eduardo Barreyro	Talleres Cba.	Argentine	17	AML	379.007,03
Juan Bonet	Talleres Cba.	Argentine	19	STC	378.226,22
Braian Jiménez	Talleres Cba.	Argentine	18	AMR	378.197,06
Martín Trepát	Talleres Cba.	Argentine	17	AMR	377.213,79

Gabriel Sarmiento	Talleres Cba.	Argentina	20	AMR	376.209,26
Rodrigo Cabral	Talleres Cba.	Argentina	20	DC	375.071,75
Nicolás Sacca	Talleres Cba.	Argentina	17	DL	368.190,50
Gabriel Espindola	Talleres Cba.	Argentina	20	AMR	365.303,78
Nicolás Gamarra	Talleres Cba.	Argentina	18	STC	359.695,12
Pablo Solari	Talleres Cba.	Argentina	17	AML	356.082,58
Nicolás Zalasár	Talleres Cba.	Argentina	17	MC	346.190,81
Rodrigo Sar	Talleres Cba.	Argentina	18	DC	344.216,34
Leonardo Medina	Talleres Cba.	Argentina	17	MR	332.296,80
Joaquín Barro	Talleres Cba.	Argentina	17	DC	332.158,47
Jorge Ortiz	Tigre	Argentina	34	MC	2.878.327,95
Lucas Menossi	Tigre	Argentina	25	MC	2.282.738,09
Kevin Ramírez	Tigre	Argentina	24	AML	1.857.823,17
Diego Sosa	Tigre	Argentina	20	DL	1.758.145,48
Diego Morales	Tigre	Argentina	31	AMC	1.611.239,07
Juan Ignacio Cavallaro	Tigre	Argentina	24	AML	1.452.094,67
Maximiliano Caire	Tigre	Argentina	29	DR	1.156.363,63
Matías Pérez Acuña	Tigre	Argentina	24	DR	1.069.949,16
Federico González	Tigre	Argentina	31	STC	997.687,64
Sebastián Prediger	Tigre	Argentina	31	DM	979.453,75
Ignacio Canuto	Tigre	Argentina	32	DC	959.024,73
Diego Vera	Tigre	Argentina	33	STC	852.671,73
Hugo Silveira	Tigre	Argentina	25	STC	837.258,20
Néstor Moiraghi	Tigre	Argentina	33	DC	830.043,39
Alexis Niz	Tigre	Argentina	30	DC	772.465,79
Maximiliano González	Tigre	Argentina	24	MC	757.855,81
Lucas Rodríguez	Tigre	Argentina	24	DL	747.831,16
Ezequiel Rodríguez	Tigre	Argentina	27	MC	715.171,80
Matías Pérez García	Tigre	Argentina	33	AML	674.260,43
Carlos Luna	Tigre	Argentina	36	STC	581.490,80
Enzo Sosa	Tigre	Argentina	21	STC	512.644,66
Franco Cardozo	Tigre	Argentina	20	AMR	485.420,98
Pablo Zurita	Tigre	Argentina	20	AML	468.732,05
Fernando Redondo	Tigre	Argentina	23	MC	464.442,30
Iván Bolaño	Tigre	Argentina	20	AMR	461.563,54
Laureano Nutz	Tigre	Argentina	19	DL	450.206,80
Abel Sánchez	Tigre	Argentina	20	DR	429.783,86
Facundo Costilla	Tigre	Argentina	20	STC	427.105,51
Ezequiel Garré	Tigre	Argentina	36	DL	426.121,98
Lucas Mansilla	Tigre	Argentina	20	DM	424.291,64
Martín Galmarini	Tigre	Argentina	36	AMR	416.074,03
Nahuel Banegas	Tigre	Argentina	22	DC	407.800,77
Alexander Meza	Tigre	Argentina	18	AMC	403.180,11
Juan Davancens	Tigre	Argentina	19	DC	400.255,79
Brian Ruiz	Tigre	Argentina	20	DC	391.203,28
Rodrigo Martínez	Tigre	Argentina	18	AML	391.179,30
Matías Carracedo	Tigre	Argentina	20	MC	386.880,69
Pedro Gutiérrez	Tigre	Argentina	21	DC	377.637,35
Lautaro Velasco Pereyra	Tigre	Argentina	21	DC	370.785,77
Alex Penoni	Tigre	Argentina	19	STC	369.783,62
Nahuel Martínez	Tigre	Argentina	19	DM	360.792,88
Agustín Juárez	Tigre	Argentina	20	AML	350.346,84
Diego Juárez	Tigre	Argentina	21	AMR	336.109,37
Franco Soldano	Unión (SF)	Argentina	23	STC	4.187.934,67
Diego Zabala	Unión (SF)	Argentina	26	AMR	2.214.312,76
Mauro Pittón	Unión (SF)	Argentina	23	MC	2.196.617,66
Rodrigo Gómez	Unión (SF)	Argentina	25	AMR	2.037.779,80
Federico Andrada	Unión (SF)	Argentina	24	STC	1.901.045,76
Yeimar Gómez Andrade	Unión (SF)	Argentina	26	DC	1.890.003,42
Bruno Pittón	Unión (SF)	Argentina	25	DL	1.787.004,17
Franco Frapane	Unión (SF)	Argentina	25	AML	1.562.170,92

Franco Troyansky	Unión (SF)	Argentine	21	STC	1.436.386,09
Nelson Acevedo	Unión (SF)	Argentine	29	MC	1.434.264,46
Santiago Zurbriggen	Unión (SF)	Argentine	28	DR	1.338.384,38
Manuel de Iriondo	Unión (SF)	Argentine	25	DM	1.131.379,08
Damián Martínez	Unión (SF)	Argentine	28	DR	1.072.900,42
Rodrigo Caballuci	Unión (SF)	Argentine	25	AML	1.024.704,24
Brian Blasi	Unión (SF)	Argentine	22	DC	1.001.364,18
Nicolás Andereggen	Unión (SF)	Argentine	18	STC	956.274,15
Braian Álvarez	Unión (SF)	Argentine	20	AML	921.030,58
Walter Bracamonte	Unión (SF)	Argentine	20	AML	908.604,18
Claudio Corvalán	Unión (SF)	Argentine	29	DL	790.217,26
Mariano Gómez	Unión (SF)	Argentine	19	DC	646.833,19
Gabriel Compagnucci	Unión (SF)	Argentine	26	AMR	631.626,45
Jonathan Bottinelli	Unión (SF)	Argentine	33	DC	613.861,36
Matías Gallegos	Unión (SF)	Argentine	21	STC	571.231,17
Facundo Britos	Unión (SF)	Argentine	22	DM	563.350,42
Augusto Lotti	Unión (SF)	Argentine	22	STC	530.562,14
Santiago Lebus	Unión (SF)	Argentine	21	AMR	525.494,53
Brian Duarte	Unión (SF)	Argentine	19	STC	507.311,23
Lucas Ríos	Unión (SF)	Argentine	20	AML	499.224,63
Franco Godoy	Unión (SF)	Argentine	18	DL	491.995,42
Francisco Gerometta	Unión (SF)	Argentine	18	DR	486.985,48
Federico Vera	Unión (SF)	Argentine	20	DR	480.605,76
Lucas Morales	Unión (SF)	Argentine	18	MC	458.699,08
Franco Calderón	Unión (SF)	Argentine	20	DL	443.393,88
Damián Schvindt	Unión (SF)	Argentine	20	MC	421.656,41
Fabrizio López	Unión (SF)	Argentine	21	DM	404.508,59
Federico León	Unión (SF)	Argentine	19	AMR	400.975,95
Mariano Nagore	Unión (SF)	Argentine	20	DM	389.476,24
Pablo Calderón	Unión (SF)	Argentine	20	DR	382.967,40
Lucas Capocetti	Unión (SF)	Argentine	19	AML	379.503,35
Matías Vargas	Vélez	Argentine	21	AML	7.520.403,78
Lucas Robertone	Vélez	Argentine	21	MC	5.081.006,27
Nicolás Domínguez	Vélez	Argentine	20	MC	3.566.372,58
Luis Abram	Vélez	Argentine	22	DL	3.556.397,72
Agustín Bouzat	Vélez	Argentine	24	AML	2.678.510,48
Francisco Ortega	Vélez	Argentine	19	AML	2.627.879,29
Guido Mainero	Vélez	Argentine	23	AMR	2.611.723,65
Lautaro Giannetti	Vélez	Argentine	24	DC	2.301.987,62
Gastón Giménez	Vélez	Argentine	26	MC	2.214.931,25
Nicolás Delgadillo	Vélez	Argentine	20	AML	2.108.067,79
Hernán De La Fuente	Vélez	Argentine	21	DR	2.024.958,39
Thiago Almada	Vélez	Argentine	17	AMC	1.952.335,70
Adrián Campos	Vélez	Argentine	18	AMR	1.823.662,73
Joaquín Laso	Vélez	Argentine	27	DC	1.819.009,53
Rodrigo Salinas	Vélez	Argentine	31	DR	1.727.001,42
Gastón Díaz	Vélez	Argentine	30	DR	1.588.372,32
Luis Amarilla	Vélez	Argentine	22	STC	1.462.966,15
Jonathan Ramis	Vélez	Argentine	28	STC	1.388.255,12
Braian Cufre	Vélez	Argentine	21	DL	1.362.239,84
Nazareno Bazán Vera	Vélez	Argentine	19	STC	1.344.023,75
Pablo Galdames	Vélez	Argentine	21	DM	1.299.852,20
Gonzalo Rodríguez	Vélez	Argentine	20	DC	832.098,72
Ariel Muñoz	Vélez	Argentine	17	MC	816.924,70
Jesús Méndez	Vélez	Argentine	33	MC	800.716,77
Nahuel Arena	Vélez	Argentine	20	DC	773.243,49
Álvaro Barreal	Vélez	Argentine	17	AML	768.155,77
Cristian Nuñez	Vélez	Argentine	20	DM	704.443,36
Gianluca Mancuso	Vélez	Argentine	20	DM	676.151,49
Giuliano Ceratto	Vélez	Argentine	19	DR	666.068,87
Favio Durán	Vélez	Argentine	22	AML	654.098,63

Santiago Coronel	Vélez	Argentine	17	MC	638.421,95
Joaquín Moreyra	Vélez	Argentine	20	DL	625.314,04
Julián Villalón	Vélez	Argentine	19	DL	595.512,02
Gianluca Pugliese	Vélez	Argentine	20	DR	591.447,06
Alejo Montero	Vélez	Argentine	20	MC	590.212,40
Matías Sequeira	Vélez	Argentine	19	DR	583.844,98
Nicolás Capraro	Vélez	Argentine	20	DC	583.056,63
Miguel Brizuela	Vélez	Argentine	21	DC	582.339,72
Pablo Monje	Vélez	Argentine	21	DM	579.172,79
Bautista Arricau	Vélez	Argentine	20	STC	570.414,20
Nazareno Romero	Vélez	Argentine	18	DL	566.063,74
Marcos Enrique	Vélez	Argentine	18	MC	565.493,57
Felipe Di Lena	Vélez	Argentine	17	DL	553.473,95
Tobías Torrielli	Vélez	Argentine	19	AML	552.020,70
Luciano Tilger	Vélez	Argentine	20	AMR	550.261,33
Patricio Flamenco	Vélez	Argentine	17	MC	549.525,83
Luca Zárate	Vélez	Argentine	19	AMC	548.945,85
Florián Monzón	Vélez	Argentine	17	STC	547.588,19
Iván Paredes	Vélez	Argentine	21	AML	546.583,41
Nicolás Garayalde	Vélez	Argentine	18	MC	541.468,33
Gabriel Velázquez	Vélez	Argentine	18	STC	530.751,70
Tobías Zárate	Vélez	Argentine	17	STC	527.319,11
Juan Ignacio Inderkumer	Vélez	Argentine	19	DM	519.541,17
Matías Steffen	Vélez	Argentine	19	DC	519.343,39
Tomás Dolder	Vélez	Argentine	18	AMR	518.935,37
Joel Gramajo	Vélez	Argentine	17	AMC	516.842,57
Lautaro Bartoloni	Vélez	Argentine	18	DR	510.697,23
Franco Bassedas	Vélez	Argentine	18	AMC	507.393,66
Agustín Guariglia	Vélez	Argentine	18	STC	506.151,71
Uriel Ramírez Kloster	Vélez	Argentine	18	MC	498.684,56
Ignacio Langone	Vélez	Argentine	18	MC	496.167,00
Juan Eloy Fanti	Vélez	Argentine	18	DC	494.583,21
Franco Aguilera	Vélez	Argentine	18	AML	488.280,87
Fabián Cubero	Vélez	Argentine	39	DR	482.432,77
Juan Motroni	Vélez	Argentine	19	DC	480.449,21
Tomás Bugallo	Vélez	Argentine	18	DC	470.095,10
Julián Taverna	Vélez	Argentine	19	DC	468.347,38
Ian Rasso	Vélez	Argentine	17	DC	465.548,23