

Role of Psychological factors on Chinese Players Performance with the Mediating Role of Recognition

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Abstract

Objective: Performances by players especially from China are not as good as they can be. There are various factors involved due to which the players' performance is not as it is required. Besides various other factors, psychological factors are the major reason due to which the players are unable to perform well. Hence the primary objective of this study is to investigate the role of psychological factors on Chinese players' performance.

Method: Quantitative research method was adopted to conduct the survey aim to collect primary data from the 620 respondents of this study. Partial Least Square (PLS) was used to analyze the primary data aim to achieve the end results of this study.

Conclusion: According to the results of this study, psychological factors such as environment, motivation, Ambition, and social status have a direct relationship with players' performance. Moreover, recognition besides directly affected by the aforementioned psychological factors also has a direct relationship with player performance. Recognition also mediates between the relationship of the aforementioned psychological factors and players' performance.

Practical Implication: This study provides sufficient knowledge and boosts to the players to enhance and maintain their performances.

Keywords: Environment, motivation, Ambition, social status, recognition, players performance.

1. Introduction

Chinese players are unable to deliver prominent performances because of different psychological issues or factors. Psychological factors always have quick and sometimes extreme consequences which directly influence players' performance ([Wann, 2006](#)). Besides other common factors which are directly related to players' performances, psychological factors are also very crucial factors that retaining a direct relationship with players' performance has a significant influence on their performances, especially in China. Hence, in China, because of psychological factors, players' performance is not as great as it can be.

The major objective of this study is to examine the role of psychological factors which affect players' performances, particularly in China. In China, players are well aware of these psychological factors, however, they have difficulties understanding the exact role of these psychological factors and how these factors are related to their performances. Furthermore, the players are also not aware of the influence of recognition on their performances. Hence, the purpose of this study is to investigate the relationship between psychological factors, recognition, and players' performances.

The significance of this study is not only limited to the population of this study; in fact, this study also helps the sports industry especially in China to boost the

performances of their players. With the help of this study, players are able to understand the relationship between the psychological factors and their performances. Moreover, this study also provides help to the players to recognize issues that have a significant influence on their performances. The population of the study is able to observe and take steps that help them to boost their performances with the help of this study. Like other studies, besides of practical perspective, this study also has a theoretical perspective. Theoretically, this study investigates the relationships of psychological factors such as environment, motivation, Ambition, social status, with recognition and players performance. This study describes the link between psychological factors and players' performance by exploring the mediation role of recognition. However, recognition also has a direct relationship with the players' performance according to this study. Furthermore, this study is based upon a qualitative research approach ([Adib, BARAKAT, MASRI, SABOUR, & CAPAPÉ, 2021](#)).

Players' performance is directly influenced by various psychological factors. Besides the environment, motivation, Ambition, and social status there are a number of psychological factors such as players' personality, player's behavior, player's training method, player's well-being, and player's thinking approach which also have a significant influence on a player's

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performance. However, this study preferred to examine the role of environment, motivation, Ambition, and social status. Whereas, for a further explanation between the relationship of psychological factors and players' performance, it is mandatory to discuss the role of psychological factors such as a player's personality, player's behavior, players' training method, player's well-being, and player's thinking approach.

2. Literature Review

Psychological factors such as environment, motivation, Ambition, and social status have significant importance regarding a player's performance ([Adolph, 2003](#); [TURAN, Ali, GÜRELK, & DOĞDU, 2020](#)). According to a

previous study, the environment is an effective element that has a momentous role in players' performances ([LEE & Huang, 2011](#)). Considering the result of a game, the environment is a key factor that has a significant influence. Motivation is a key factor that also has a significant effect on players' performances. According to a previous study, players' performance remains at the maximum level when they are motivated to perform ([Klimmt & Hartmann, 2006](#)). According to this study, the other psychological factor is an ambition which also has a crucial effect on players' performances. Normally, without ambition, players fail to perform accordingly. Besides, environment, motivation, and ambition another important psychological factor which shows a considerable relationship with the players' performance is their social status.

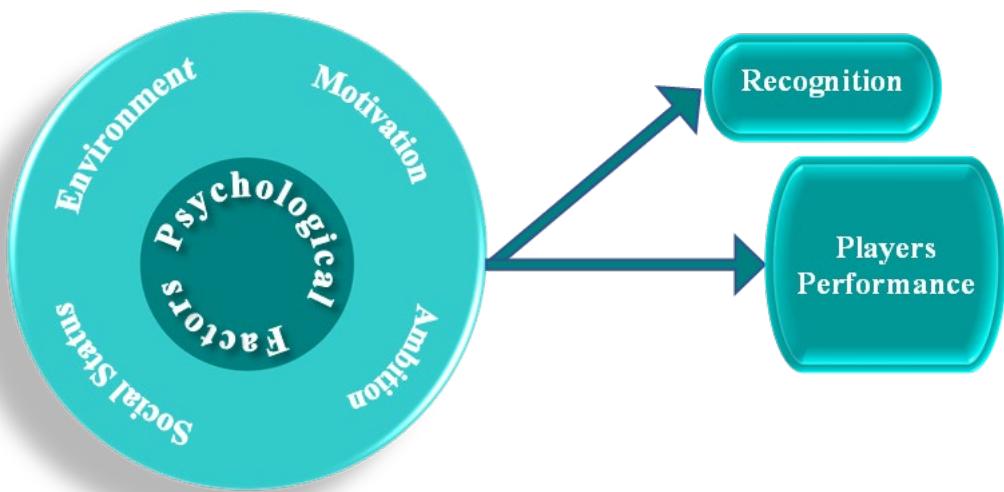


Figure 1. The theoretical framework of the study shows the relationship between psychological factors, recognition or reward, and players performance

2.1 Environment and Players Performance

The environment in other words is a stage ready to perform ([Chan, Chong, & Ng, 2020](#)). However, multiple things need to be focused on while preparing an environment that is quite favorable especially while the players are in action. There are several aspects of the environment that directly have a relationship with the performances delivered by the players. It is obvious from the results of previous literature that a friendly environment helps players to perform smoothly. Disturbing elements in the environment where players are to perform, always cause unobtrusive performances by the players ([Steinrücke, Veldkamp, & De Jong, 2019](#)). Several components of the environment affect differently upon players' performances. Hence, there is a strong need to address each component of the environment in a way that it becomes friendly for players to perform without environmental disturbance. A little bit of disturbance leads towards obtrusive performances from the player, even it can be a real cause for the cancellation of the

game. According to the results of this study, a friendly environment is always helpful for smooth and prominent performances. Hence, it is hypotheses that summarized that;

H1: Environment has a positive influence on players' performance.

2.2 Motivation and Players Performance

Motivation is stimulation that energizes players ([Kätsyri, Hari, Ravaja, & Nummenmaa, 2013](#)). To get energize, players need to take a balanced diet that helps them to reshape their physical body accordingly. While a healthier body is quite useless if there is no motivation to do a certain thing.

Hence, the role of motivation is very crucial especially for the players who are committed to performing outstandingly. A past study shows that without motivation, it is hard in most cases even impossible to achieve a goal especially in the world of today where several kinds of distractions are around ([Keller, 2009](#)). Hence, motivation is a force that keeps the players

focused by energizing them. Whenever there is a competition, it requires more effort, determination, and focus to achieve the goal. In such kinds of scenarios, players strongly need motivation. Results of this study show, players who were motivated to achieve their set goals, have delivered their best to obtain results in their favor, while the players without motivation mostly remained to fail to obtain their set targets. Therefore, motivation has a vital role in the players' performance. Hence, it is summarized that;

H2: Motivation has a positive influence on players' performance.

2.3 Ambition and Players Performance

There are certain things that have the power to stimulate or arouse a person to accomplish a set goal or target ([JASMINE](#)). Usually, these things are the psychological factors that operate internally within the mind of a player. According to this study, ambition is a psychological factor that has significant values for a player to accomplish his/her set targets or goals ([Rudman, 1998](#)). Hence, ambition is an important thing because it has the power to drive a player to accomplish or advance towards set goals by the player. According to a past study, ambition has a higher capability of visualization and abstraction of the future especially for the players hence, the players are well-aimed towards their goals ([Nuruddin, 2004](#)). It is the ambition that creates a gleam in the eyes of a player as the player approaches his/her set goals. According to the results of this study, ambition helps a player to enhance his/her performances. When a player comes up with strong ambition, he/she never misses his/her goals instead willingly puts his/her all energies into accomplishing his/her goals, and ultimately it increases his/her performance. Hence, it is encapsulated that;

H3: Ambition has a positive influence on players' performance.

2.4 Social Status and Players Performance

Social status is an important element of the life of every person, it becomes more significant for a person who is specific to achieve a definite goal ([Elfström, Ryden, Kreuter, Persson, & Sullivan, 2002](#)). A player is always required to complete with his/her opponent and it is only possible for the player when he/she has a definite goal to accomplish the job. While the social status of a player has a vital role in the achievement of set goals by the player. Role of the social status has significant importance for a player, particularly regarding his/her performance ([Azzolini & Barone, 2013](#)). According to a past study, the value of social status directly influences the action of a person ([Cillessen & Mayeux, 2004](#)). Hence, social status also has a crucial role in the performance of a player. Positive energies received from the social setup of a player even in the shape of positive words have a fabulous impact on the performance of the player ([Frederiks, Stenner, &](#)

[Hobman, 2015](#)). It is noted that the players receiving negative energies from their social setup, stuck in those energies, and remain unable to focus on their set targets and goals, hence, such players often fail to perfume even according to the need. Hence, it is hypothesis that;

H4: Social status has a positive influence on players' performance.

2.5 Environment and Recognition

Several things in a life of a player operate externally and have wonderful influences on their attributes and qualities ([Lidwell, Holden, & Butler, 2010](#)). Mostly a player doesn't have control over such things. There is a list of such things however, the environment is one of the major things that operates externally on attributes of a player like recognition of a player. According to this study, the environment is a thing that plays a key role in the recognition of a player ([Ruether, Bhatt, Best, Harris, & Hollenkamp, 2020](#); [Steinberg, 2012](#)). When a player gets an environment set in the favor of the player, it becomes comparatively easy for that player to produce remarkable performers, which eventually causes an increase in the recognition of the player. Moreover, a favorable environment allows a player to play his/her natural game professionally and due to this, the player gets success for earning more recognition ([Ab-Rahim, Tuan-Ismail, Ibrahim, & Hassan, 2021](#)). Hence, a favorable environment has significant value for the recognition of a player. While an unfavorable environment mostly doesn't allow a player to perform well. Instead, a bad environment creates different kinds of hurdles for the player which limits the player to deliver performances. Therefore, it is encapsulated that;

H5: Environment has a positive influence on recognition.

2.6 Motivation and Recognition

When it comes to the recognition of a player it means how his/her observer, fans, critics, and coaches rank him/her based on his/her performances. There is no doubt that it the recognition for which most of the players play games. Data from a previous study describes that recognition is a feeling of satisfaction ([Herrera & López, 2012](#); [Sirlopú & Renger, 2020](#)). In other words, recognition is a source of satisfaction for a player. Various factors show sufficient influence on recognition. According to the current study, motivation has a direct relationship with recognition. Without motivation, it is not possible, especially for a player to receive recognition. Hence, motivation is a powerful tool that causes the recognition of a player. According to a past study, it is the motivation that serves a player to select, direct and energize his/her performance ([LULESCU, 2020](#)). Motivation is a force that helps a player to select his/her goals, direct his/her energies and put efforts into the accomplishment of those goals and targets. Hence, motivation has a significant role in the recognition of a player. Therefore, it is encapsulated

that;

H6: Motivation has a positive influence on recognition.

2.7 Ambition and Recognition

There are certain activities about a player which are always noticed by the observers, societies, their fans, and the critics ([Johannsen, 2020](#); [Saoudi, 2020](#)). These things are further divided into two categories; physical activities and mental approaches of a player. However, both kinds of activities are important for a player. Nonetheless, this study is about the psychological factors of a player hence, ambition is a mental activity of a player that helps the player to be recognized depending upon the value of ambition of the player. A prior study shows that recognition especially for a player is a very important thing that helps the player to perform better than his/her previous performances ([Y. Gao, Liang, & Li, 2020](#); [Verde, Marques, Jardim, Damasceno, & Soares, 2021](#)). Hence, there is a relationship between the ambition of a player and the recognition the player receives. Results of this study display that a player with a greater value of his/her ambition is highly recognized because the greater value of ambition of the player continuously urges the player to perform prominently. On the other hand, a player because of the minimum value of his/her ambition remains failed to utilize his/her energies to produce notable performances, hence, such a player is less recognized. Therefore, it is encapsulated that;

H7: Ambition has a positive influence on recognition.

2.8 Social Status and Recognition

Recognition involves multiple factors which have a direct influence on a player's performance. However, according to the current study, there is a strong connection between social status and recognition. Data from prior studies show that social status plays a vital role in the recognition of a player ([Dunwoodie, Kaukko, Wilkinson, Reimer, & Webb, 2020](#); [Withers et al., 2020](#)). Furthermore, it is also concluded from the past studies that the social status of a player is a very influential factor that produces deliberate results. Hence, social status is considered important universally because establishing social status is a basic human aim matter because social status differences create demoralization. It is determined that a player with an effective social status is more recognized in society while a player without an effective social status faces several kinds of issues that are very common in society ([Zhu, 2020](#)). Hence, recognition of a player is directly dependent on the value of social status that a player has established. Furthermore, for a player social status is a useful and effective means of role allocation in his/her society. That is why it is encapsulated that;

H8: Social status has a positive influence on recognition.

2.9 Recognition and Players Performance

There are a few things that have great importance in the life of a player. These things always come from

outside with positive energies and enhance the level of satisfaction of a player such as recognition. Results from a past study show that value of recognition from observer, fans, coaches, and critics directly influence satisfaction and performance of a player ([McLean, 2020](#); [NAMAI, 2020](#)). Hence, there is a strong relationship between recognition and the performance of a player. Results of this study demonstrate that a player receiving more recognition from the crowd, fans, coaches, teammates, and observers, delivers higher performance in the next opportunity that the player gets. Hence, the performance of a player depends upon the value of recognition. When a player receives more recognition, he/she immediately gets ready to perform in the best way that possibly he/she can. While a decrease in recognition for a player ultimately leads him/her towards lack of interest in what he/she is doing at that moment and due to this he/she loses his performance. Hence, it is encapsulated that;

H9: Recognition has a positive influence on players' performance.

H10: Recognition mediates between the relationship of the environment and players' performance.

H11: Recognition mediates between the relationship of the motivation and players' performance.

H12: Recognition mediates between the relationship of ambition and players' performance.

H13: Recognition mediates between the relationship of the social status and players' performance.

3 Research Methodology

A survey was conducted aimed to collect primary data from the respondents of the current study. 630 players from different parts of China were the respondents of the current study. According to the nature of the current study, a quantitative research methodology was preferred. Hence, both the qualitative and mixed-method approaches were not approved for the current study, as both these approaches were not according to the nature of the current study.

Moreover, an area cluster sampling approach was adopted for the current study. Because the area under consideration for the current study was very wide. As the respondents of the current study belong to various parts of the whole of China, hence, different locations having various numbers of the respondents were divided into clusters. Initially, each local sports club of each cluster was visited aimed to collect basic contact information of the respondents. Hence, a list of contact information containing 800 respondents from all the clusters, was created. There were 800 respondents selected because the sample size of the current study was 800. According to previous studies, a sample size of 800 is considered a very good sample size. Then a questionnaire was designed. In the questionnaire, there were 3 major sections. In the first section, the respondents were asked to answer questions about demographic information such as respondents' names,

ages, gender, experience, etc. In the second section, the respondents were to answer the questions related to the key variables of the current study such as Environment, motivation, ambition, social status, recognition, and players' performance. However, in the second section of the questionnaire, there were four categories. There were 5 major questions in each category. In the third section of the questionnaire, 20 questions from the respondents were asked based on a 5-point Likert Scale starting from "1" as "Strongly Agree" to "5" as "Strongly Disagree".

Chinese National Post Office Service was used to communicate with the respondents of the current study. The questionnaire with a brief description of the objective of the current study and a promising note to keep the response confidential, and only to use as primary data of the current study, were sent to the postal address of the respondents individually. After 35 days of the initial post sent to the respondents, there were 530 responses received. Hence, a reminder message was sent to the rest of the respondents by using the WhatsApp service on their contact number. Now 20 days after the reminder message there were 200 more responses received. Hence, in total there were 730 responses initially. However, 90 responses out of 730 were excluded because they were partially

filled by the respondents. Hence, 620 respondents were considered as the primary data of the current study. By using PLS this primary data were analyzed to obtain the final results of the current study. However, all the measures and scales used were based on previous studies. The Chinese National Post Office Service was used as a means of communication with the respondents. Questionnaires, along with a brief description of the study's objective and a promise of confidentiality, were sent individually to the postal addresses of the respondents. To improve response rates, a reminder message was sent to the remaining respondents using the WhatsApp service on their contact numbers

4 Data Analysis

Data statistics are given in Table 1 which shows the missing value, outlier in the data and normality of the data. It is evident that data is free from any error. After the preliminary analysis, Partial Least Square (PLS) was used for data analysis which is most popular to examine the primary data ([Hameed, Basheer, Iqbal, Anwar, & Ahmad, 2018](#)).

Table 1. Data Statistics

No.	Missing	Mean	Median	Min	Max	Standard Deviation	Excess Kurtosis	Skewness
EN1	1	3.928	4	1	5	0.973	0.507	-0.859
EN2	2	3.684	4	1	5	1.065	-0.192	-0.609
EN3	3	3.541	4	1	5	1.182	-0.659	-0.483
EN4	4	4.024	4	1	5	1.028	0.656	-1.06
MO1	5	4.148	4	1	5	0.871	1.845	-1.17
MO2	6	3.833	4	1	5	1.092	-0.391	-0.707
MO3	7	3.746	4	1	5	1.213	-0.522	-0.701
MO4	8	3.617	4	1	5	1.169	-0.614	-0.521
SS1	9	3.665	4	1	5	1.191	-0.661	-0.542
SS2	10	3.708	4	1	5	1.122	-0.523	-0.53
SS3	11	3.708	4	1	5	1.109	-0.026	-0.694
SS4	12	3.919	4	1	5	0.922	1.11	-0.981
AM1	13	3.933	4	1	5	1.042	-0.221	-0.733
AM2	14	4.096	4	1	5	0.993	0.718	-1.05
AM3	15	3.938	4	1	5	0.984	0.235	-0.817
AM4	16	3.923	4	1	5	1.014	0.226	-0.845
REC1	17	3.56	4	1	5	1.093	-0.384	-0.475
REC2	18	3.732	4	1	5	1.074	-0.172	-0.639
REC3	19	3.742	4	1	5	1.103	-0.534	-0.574
PP1	20	3.651	4	1	5	1.144	-0.51	-0.559
PP2	21	3.847	4	1	5	1.029	0.657	-0.938
PP3	22	3.809	4	1	5	1.027	0.148	-0.81
PP4	23	3.823	4	1	5	0.989	-0.056	-0.654

Figure 2 shows the outer model assessment in which factor loadings, composite reliability (CR) and average variance extracted (AVE) was examined. Factor loading is above 0.5 for all items, CR is above 0.7 and AVE is

above 0.5. Thus, these results are supported to proceed further. Instead of AVE square root or cross-loadings, this study used HTMT ratio for discriminant validity assessment as given in Table 3.

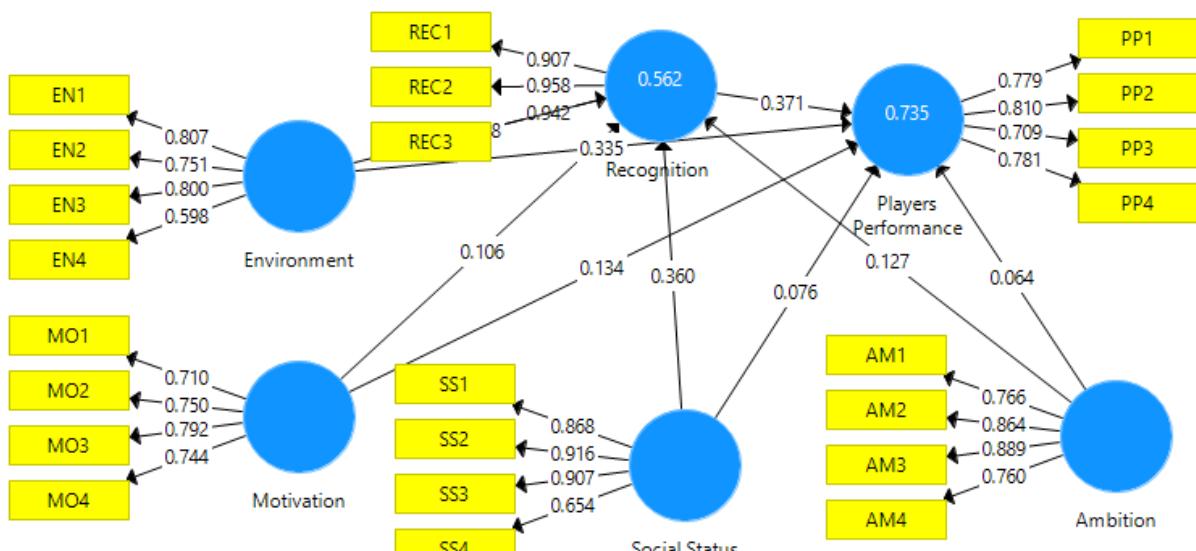


Figure 2. Measurement Model

Table 2. Reliability and Convergent Validity

	Alpha	rho_A	CR	AVE
Ambition	0.838	0.856	0.892	0.675
Environment	0.728	0.754	0.83	0.553
Motivation	0.749	0.759	0.837	0.562
Players Performance	0.779	0.795	0.854	0.594
Recognition	0.929	0.931	0.955	0.876
Social Status	0.857	0.868	0.906	0.711

Table 3. HTMT

	Ambition	Environment	Motivation	Players Performance	Recognition	Social Status
Ambition						
Environment	0.732					
Motivation	0.888	0.853				
Players Performance	0.704	0.531	0.869			
Recognition	0.552	0.845	0.649	0.854		
Social Status	0.607	0.71	0.873	0.845	0.758	

To examine the relationship between independent variables on dependent variable, PLS bootstrapping was employed which is most popular data analysis technique ([J. Hair, Hollingsworth, Randolph, & Chong, 2017](#); [J. F. Hair, 2010](#); [J. F. Hair, Ringle, & Sarstedt, 2013](#); [J. F. Hair, Sarstedt, Pieper, & Ringle, 2012](#)).

In this process, direct and indirect effect are examined.

T-value 1.96 was considered as the minimum level of acceptance for hypotheses. Direct effect results in Table 4 shows that all the hypotheses are supported. However, none of the hypotheses is rejected. Furthermore, the indirect effect in Table 5 shows that two indirect effects are not supported, however, two are supported.

Table 4. Direct Effect Results

	Original Sample (O)	Sample Mean (M)	Standard Deviation (STDEV)	T Statistics (O/STDEV)	P Values
Ambition -> Players Performance	0.064	0.068	0.015	4.259	0
Ambition -> Recognition	0.127	0.127	0.025	5.07	0
Environment -> Players Performance	0.335	0.328	0.07	4.791	0
Environment -> Recognition	0.448	0.454	0.087	5.141	0
Motivation -> Players Performance	0.134	0.132	0.021	6.369	0
Motivation -> Recognition	0.106	0.105	0.013	8.151	0
Recognition -> Players Performance	0.371	0.371	0.054	6.9	0
Social Status -> Players Performance	0.076	0.083	0.038	1.999	0.043
Social Status -> Recognition	0.36	0.357	0.09	4.002	0

Table 5. Indirect Effect Results

	Original Sample (O)	Sample Mean (M)	Standard Deviation (STDEV)	T Statistics (O/STDEV)	P Values
Ambition -> Recognition -> Players Performance	0.047	0.048	0.03	1.598	0.111
Environment -> Recognition -> Players Performance	0.166	0.169	0.042	3.916	0
Motivation -> Recognition -> Players Performance	0.039	0.038	0.038	1.044	0.297
Social Status -> Recognition -> Players Performance	0.134	0.131	0.032	4.119	0

5 Discussion

According to the first hypothesis of this study; “environment has a positive influence on players performance.” One of the most effective elements of the performance of a player in an environment that has a significant impact. With a suitable environment, a player feels pleasant hence, the player often achieves the required level of performance. According to a past study, an unfavorable environment always causes disturbance for the players to produce performances that are required from them ([Wu & Xu, 2021](#)). Therefore, a bad environment is always disadvantageous for the players. Moreover, due to a pleasant environment, players feel easy to achieve their set goals and targets hence, ultimately the players stand with outstanding performances. Hence, a pleasant environment has significant importance for the prominent performance of the players.

As per the second hypothesis of this study; “motivation has a positive influence on players' performance.” Players need external sources like healthy foods to get energize their bodies ready to produce the required level of performance. However, besides an energetic body, a player often struggles to produce a performance that is required from his/her side. It is just because there is a lack of motivation and due to that, a player is unable to utilize his/her energetic body and skill set to produce outstanding performances. According to a past study, players that are often motivated for the accomplishment of required goals and targets often get success to achieve those goals and targets ([K. Gao, Zhang, Xu, Zhou, & Feng](#)). Hence, motivation has a significant role in the prominent performance of a player.

As per the third hypothesis of this study; “ambition has a positive influence on players' performance.” Certain people, things, situations, or sets of words stimulate a person to do a specific thing with a rapid pace and firm determination. According to a past study, external or internal forces that arouse a person to do a specific thing are useless for the person if he/she is not ambitious ([Kiran & Afaki, 2021](#)). The role of ambition in the performance of a player is very important. It is the ambition that enables a player to perform. Without ambition, a player remains to fail to deliver even the required level of performance. Ambition helps a player to perform continuously ([Baldoni, Begoli, Kusnezov, & MacWilliams, 2020](#)).

As per the fourth hypothesis of this study; “social status

has a positive influence on players' performance.” The value of the social status of a person defines the personality of that person. According to a past study, social status is a factor that is directly influenced by the personality of a person. It is also obvious from the data from past studies that every person in society seeks recognition ([Mesbahian, 2021](#)). Because recognition has a significant impact on a person. Hence, players with the greater values of recognition live a pleasant life while the players without recognition often don't enjoy their lives instead, they keep trying to find the reason that has the power to make them recognizable.

As per the fifth hypothesis of this study; “environment has a positive influence on recognition.” Without recognition, a player often began to lose his/her performance knowingly or unknowingly ([Potter, 2021](#)). A player without recognition doesn't feel the high spirit, satisfaction, or delightfulness for what he/she perform. Hence, recognition has a vital role for a player. However, the environment has a direct relationship with the recognition of a player. An unfavorable environment causes a decrease in the value of recognition of a player ([Rehman et al., 2021](#)). While a favorable environment always helps a player to be a recognized player.

As per the sixth hypothesis of this study; “Motivation has a positive influence on recognition.” recognition for a player is a very important factor because recognition helps a player to feel pleasant. However, the role of motivation for the recognition of a player is very vital. Recognition received from fans, observers, or meaningful bodies is one of the major sources of satisfaction, especially for the players ([Fan, 2021](#)). Hence, received motivation has a significant relationship with the recognition of the players.

As per the seventh hypothesis of the current study; “Ambition has a positive influence on recognition.” Ambition is a force that continuously helps to concentrate a player on a set goal ([Wuijts, Van Rijswick, & Driessens, 2021](#)). Without ambition, it is quite impossible to achieve certain goals for players. Hence, ambition has a significant effect on the recognition of the players. Moreover, the ambitious nature of a player is key to success and the cause of a sufficient increase in his/her recognition.

As per the eighth hypothesis of the current study; “Social status has a positive influence on recognition.” Recognition of a player is influenced by various factors however; social status has a major effect on the recognition of a player ([Dowaidar, 2021](#)). A fair value in

the social status causes an increase in the recognition of players, while undesired happening which causes a decrease in social value also results in a decrease in the recognition of the players.

As per the ninth hypothesis of the current study; "Recognition has a positive influence on players' performance". Players continue to perform until he/she is recognized by his/her fans, audience, observers, and meaningful bodies. Hence the role of recognition is very vital, especially for a player. According to a past study, players' performance increases when there is more crowd to observe the players' performance ([Liu, Chen, & Fan, 2021](#)). However, with a lower crowd or observers, it becomes hard for the players to perform outstandingly. Recognition received from the fans, audience, observers, and meaningful bodies cause a prominent increase in the performance of the players. The last four hypotheses of the current study are described as the following; "Recognition mediates between the relationship of the environment and players' performance". "Recognition mediates between the relationship of motivation and players' performance". "Recognition mediates between the relationship of ambition and players' performance". And "Recognition mediates between the relationship of the social status and players' performance".

6 Conclusion

Results of the study show that the players' performances only become prominent when they receive recognition from their environment, audience, and fans. Most of the players are unable to provide

outstanding performances just because of the lack of recognition of their earlier contribution to their success. It is also clear from the resultant data that psychological factors such as environment, motivation, ambition, and social status play a robust role to make a player's performance remarkable. It is the environment in which a player can deliver his/her maximum or just because of the environment he/she remains to fail to perform as per the need. Hence, an environment is a factor that has a significant role in the performance of a player. Apart from the environment, the next psychological factor that also has a very critical role in the performance of a player especially from China, is called motivation. Results of this study show that motivation is a key factor that enables a player to play remarkably. Lack of motivation always causes poor performances from a player. Hence, motivation has a significant role in the performance of a player. According to the results of this study, the ambition of a player determines his/her level of performance. When a player comes with a firm and definite ambition for his/her set goals, often he/she remains successful to achieve prominent performance among his/her competitors. While a player without ambition always struggles even to maintain his/her previous position. Therefore, ambition also plays a very vital role in the performance of a player. Moreover, it is also obvious from the outcomes of this study that social status also helps a lot a player to make his/her performance prominent. When a player enjoys a sound social status, he/she often delivers an outstanding performance which also increases the value of his/her social status. While a player who does not know his/her social status, hardly achieves outstanding performances.

Reference

- Ab-Rahim, S. N., Tuan-Ismail, T. S., Ibrahim, H. A., & Hassan, M. N. (2021). High peak of carbamylated hemoglobin discordant with urea level: a case report. *Jornal Brasileiro de Patologia e Medicina Laboratorial*, 57. doi:10.5935/1676-2444.20210029
- Adib, S., BARAKAT, I., MASRI, M., SABOUR, W., & CAPAPÉ, C. (2021). First substantiated record of sea lamprey *Petromyzon marinus* (Agnatha: Petromyzonidae) from the Syrian coast (Eastern Mediterranean Sea). *Fish Taxa*, 20, 21-24.
- Adolph, C. (2003). *Paper autonomy, private ambition: Theory and evidence linking central bankers' careers and economic performance*. Paper presented at the Annual Meeting of the American Political Science Association, August.
- Azzolini, D., & Barone, C. (2013). Do they progress or do they lag behind? Educational attainment of immigrants' children in Italy: The role played by generational status, country of origin and social class. *Research in Social Stratification and Mobility*, 31, 82-96.
- Baldoni, J., Begoli, E., Kusnezov, D. F., & MacWilliams, J. (2020). Solving hard problems with AI: dramatically accelerating drug discovery through a unique public-private partnership. *Journal of Commercial Biotechnology*, 25(4). doi:<https://doi.org/10.5912/jcb954>
- Chan, K. H., Chong, L. L., & Ng, T. H. (2020). Are Malaysian companies ready for environmental practices? an extension of theory of planned behavior. *International Journal of Energy Economics and Policy*, 10(1), 495.
- Cillessen, A. H., & Mayeux, L. (2004). From censure to reinforcement: Developmental changes in the association between aggression and social status. *Child development*, 75(1), 147-163.
- Dowaidar, M. (2021). Different insulin resistance and inflammation pathways are influenced by genetic factors in metabolic syndrome. Gene therapy enables early recognition and treatment of the genetic factors.
- Dunwoodie, K., Kaukko, M., Wilkinson, J., Reimer, K., & Webb, S. (2020). Widening university access for students of

- asylum-seeking backgrounds:(Mis) recognition in an Australian context. *Higher Education Policy*, 1-22.
- Elfström, M. L., Ryden, A., Kreuter, M., Persson, L., & Sullivan, M. (2002). Linkages between coping and psychological outcome in the spinal cord lesioned: development of SCL-related measures. *Spinal Cord*, 40(1), 23-29.
- Fan, L. (2021). *A Hierarchical Computational Framework for Social Interaction Understanding: Interactiveness, Shared Attention, Gaze Communication and Triadic Belief Dynamics*. UCLA,
- Frederiks, E. R., Stenner, K., & Hobman, E. V. (2015). Household energy use: Applying behavioural economics to understand consumer decision-making and behaviour. *Renewable and Sustainable Energy Reviews*, 41, 1385-1394.
- Gao, K., Zhang, R., Xu, T., Zhou, F., & Feng, T. The effect of conscientiousness on procrastination: The interaction between the self-control and motivation neural pathways. *Human Brain Mapping*.
- Gao, Y., Liang, G., & Li, X. (2020). A generative adversarial network-based deep learning method for low-quality defect image reconstruction and recognition. *IEEE Transactions on Industrial Informatics*.
- Hair, J., Hollingsworth, C. L., Randolph, A. B., & Chong, A. Y. L. (2017). An updated and expanded assessment of PLS-SEM in information systems research. *Industrial Management & Data Systems*, 117(3), 442-458. doi:<https://doi.org/10.1108/IMDS-04-2016-0130>
- Hair, J. F. (2010). Black, WC, Babin, BJ, & Anderson, RE (2010). *Multivariate data analysis*, 7.
- Hair, J. F., Ringle, C. M., & Sarstedt, M. (2013). Partial least squares structural equation modeling: Rigorous applications, better results and higher acceptance. doi:<https://ssrn.com/abstract=2233795>
- Hair, J. F., Sarstedt, M., Pieper, T. M., & Ringle, C. M. (2012). The use of partial least squares structural equation modeling in strategic management research: a review of past practices and recommendations for future applications. *Long range planning*, 45(5-6), 320-340. doi:<https://doi.org/10.1016/j.lrp.2012.09.008>
- Hameed, W. U., Basheer, M. F., Iqbal, J., Anwar, A., & Ahmad, H. K. (2018). Determinants of Firm's open innovation performance and the role of R & D department: an empirical evidence from Malaysian SME's. *Journal of Global Entrepreneurship Research*, 8(1), 29. doi:<https://doi.org/10.1186/s40497-018-0112-8>
- Herrera, M. Z., & López, G. M. A. (2012). Job satisfaction of nursing professionals in adult hospitalization wardsJob satisfaction of nursing professionals in adult hospitalization wards: an ambivalent feeling. *Investigación y educación en enfermería*, 30(2), 178-187.
- JASMINE, S. RESTRUCTURING CLASSROOM ENVIRONMENT AND USING COGNITIVE AROUSAL TO MOTIVATE L2 LEARNERS.
- Johannsen, I. (2020). Imagining and Performing Marginalization: Hip Hop and the Arab Spring of 2011. In *Researching Subcultures, Myth and Memory* (pp. 235-259): Springer.
- Kätsyri, J., Hari, R., Ravaja, N., & Nummenmaa, L. (2013). Just watching the game ain't enough: striatal fMRI reward responses to successes and failures in a video game during active and vicarious playing. *Frontiers in human neuroscience*, 7, 278.
- Keller, J. M. (2009). *Motivational design for learning and performance: The ARCS model approach*: Springer Science & Business Media.
- Kiran, N., & Afaki, A. R. (2021). Freedom and the Human Positioning in the Lifeworld: The Transcendence-Immanence Contrast in Simone de Beauvoir's Existentialist Feminism. In *Phenomenology of the Object and Human Positioning* (pp. 101-133): Springer.
- Klimmt, C., & Hartmann, T. (2006). Effectance, self-efficacy, and the motivation to play video games. *Playing video games: Motives, responses, and consequences*, 133-145.
- LEE, J., & Huang, Y. C. (2011). *The Factors Affecting Players' Problem-solving Performances and Knowledge Acquisitions in a Role-playing Game Environment*. Paper presented at the Work-in-Progress Poster of the International Conference on Computers in Education: ICCE 2011.
- Lidwell, W., Holden, K., & Butler, J. (2010). *Universal principles of design, revised and updated: 125 ways to enhance usability, influence perception, increase appeal, make better design decisions, and teach through design*: Rockport Pub.
- Liu, Y., Chen, Y., & Fan, Z.-P. (2021). Do social network crowds help fundraising campaigns? Effects of social influence on crowdfunding performance. *Journal of Business Research*, 122, 97-108.
- LULESCU, M. (2020). MOTIVATION AND SPORT: INDIVIDUAL AND ORGANISATIONAL CHALLENGES. *Romanian Review of Social Sciences*, 10(18).
- McLean, A. J. (2020). *An Examination of the Relationships between Emotional Intelligence and Winning Percentage in Basketball Coaches*. Grand Canyon University,
- Mesbahian, H. (2021). Recognition to Come: Towards a Deconstructive Encounter with Iranian Identity in a Globalized World. *Religions*, 12(1), 52.
- NAMAI, R. (2020). *RELATIONSHIP OF LEADERSHIP STYLES, FINANCIAL MANAGEMENT, FAN BEHAVIOUR AND PERFORMANCE OF PREMIER LEAGUE FOOTBALL CLUBS IN KENYA*. MUA,
- Nuruddin, Y. (2004). Brothas Gonna work it out! hip hop philanthropy, black power vision, and the future of the race: The new HNIC and the new HBCUS: Inter generational collaboration, internal reparations, and the

- establishment of communiversity leadership academies. *Socialism and Democracy*, 18(2), 231-304.
- Potter, G. (2021). *Breaking The Performance Trap*: Christian Faith Publishing, Inc.
- Rehman, A., Ma, H., Chishti, M. Z., Ozturk, I., Irfan, M., & Ahmad, M. (2021). Asymmetric investigation to track the effect of urbanization, energy utilization, fossil fuel energy and CO 2 emission on economic efficiency in China: another outlook. *Environmental Science and Pollution Research*, 28(14), 17319-17330.
- Rudman, L. A. (1998). Self-promotion as a risk factor for women: the costs and benefits of counterstereotypical impression management. *Journal of personality and social psychology*, 74(3), 629.
- Ruether, T., Bhatt, A. I., Best, A., Harris, K. R., & Hollenkamp, A. F. (2020). Electrolytes for Lithium (Sodium) Batteries Based on Ionic Liquids: Highlighting the Key Role Played by the Anion. *Batteries & Supercaps*.
- Saoudi, I. (2020). Fan-made Football Journalism: Its Position in the Media Landscape and Its Critique of Mainstream Journalistic practices. The Case of Arseblog.
- Sirlopú, D., & Renger, D. (2020). Social recognition matters: Consequences for school participation and life satisfaction among immigrant students. *Journal of Community & Applied Social Psychology*, 30(5), 561-575.
- Steinberg, C. E. (2012). *Stress ecology: environmental stress as ecological driving force and key player in evolution*: Springer Science & Business Media.
- Steinrücke, J., Veldkamp, B. P., & De Jong, T. (2019). Determining the effect of stress on analytical skills performance in digital decision games towards an unobtrusive measure of experienced stress in gameplay scenarios. *Computers in Human Behavior*, 99, 144-155.
- TURAN, C., Ali, U., GÜRLEK, M., & DOĞDU, S. A. (2020). DNA Barcodes for Identifications of Two Lionfish Species Pterois miles (Bennett, 1828) and Pterois volitans (Linnaeus, 1758) in the Mediterranean. *FishTaxa*, 16, 29-36.
- Verde, A. S. S., Marques, M. V. L., Jardim, A. C. M., Damasceno, J. A., & Soares, I. C. (2021). Primary cutaneous diffuse large B-cell lymphoma, leg type: case report. *Jornal Brasileiro de Patologia e Medicina Laboratorial*, 57, doi:10.5935/1676-2444.20210004
- Wann, D. L. (2006). Understanding the positive social psychological benefits of sport team identification: The team identification-social psychological health model. *Group Dynamics: Theory, Research, and Practice*, 10(4), 272.
- Withers, M., Wipfli, H., Schenker, M., Jahangir, T., Herbosa, T., & Tigno, J. (2020). The Manila Declaration on Migration and Health: commentary of the Association of Pacific Rim Universities Global Health Program. *Globalization and health*, 16(1), 1-6.
- Wu, J., & Xu, J. (2021). Research on noise impact of building environment based on FPGA high-performance algorithm. *Microprocessors and Microsystems*, 80, 103342.
- Wuijts, S., Van Rijswick, H. F., & Driessens, P. P. (2021). Achieving European Water Quality Ambitions: Governance Conditions for More Effective Approaches at the Local-Regional Scale. *Sustainability*, 13(2), 681.
- Zhu, S. (2020). Risk identification method of securities investment in pharmaceutical firms based on voice quality inspection technology. *Journal of Commercial Biotechnology*, 25(1). doi:<https://doi.org/10.5912/jcb1244>