



## ORIGINAL ARTICLE

## Investigating the Relationship between the Quality of Intramural Olympiads and the Performance of Elementary School boys in Provincial Competitions (A Case Study of Semnan Province)

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## KEY WORDS

Competition quality;  
Intramural olympiads;  
Student performance;

## ABSTRACT

The purpose of this research is to investigate the relationship between the quality of intramural Olympiads and the performance of students in provincial competitions (a case study of elementary school students in Semnan). The method of the current research is descriptive-correlation, in terms of practical purpose, which was implemented in the field. The statistical population of the present study is 50 sports teachers of Semnan city. In this research, the number of the population and the research sample are the same, and the sampling method is census (total number). The research tool was collected using a researcher-made questionnaire with a Cronbach's alpha coefficient of 0.84. The research data were analyzed using the Kolmogorov-Smirnov (k-s) test, Cronbach's alpha and eta test. The analysis and results of the research showed that there is a positive and significant relationship between the quality of intramural Olympiads and the performance of students participating in sports competitions in Semnan province.

## Introduction

Education is the foundation of social, political and cultural development of any society, the investigation of the factors affecting the progress and development of advanced societies shows that all these countries have had strong education.

On the one hand, this institution is in contact with creative, innovative and talented children, teenagers and young people, and on the other hand, with a wide range of people as families or parents of students, and it injects its teachings and education, whether positive or negative, into the body of society. Therefore, education is the most important factor in the cultural, social, economic and political development of the society, the effects of which will affect the society and the family. It wastes the economy and leaves irreparable effects in the individual and social dimensions. The phenomenon of inappropriate

academic performance and subsequent academic drop is the phenomenon (Mortazavizadeh, 2012).

For many years, educational researchers and social psychologists have conducted many studies on the factors affecting the progress of students' sports activities. Progress is an issue that has been the focus of all countries in the world, and every year a large amount of society's budget is spent on the education of children and adolescents, and many researches are conducted to investigate various factors that can affect the progress of sports activities. Factors such as family, living environment, school and sports programs are assigned. The problem of the current research is the relationship between the quality of intramural Olympiads and the performance of students in provincial competitions (a case study of elementary school students in Semnan).

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Physical education is an educational process in which physical activities are used as a way to help students acquire skills, knowledge, and positive attitudes for optimal growth, general health, and maximizing opportunities for physical activities. Most of the goals of education and training are realized through the participation of students in sports and movement activities. Physical education as one of the branches of education has an important impact on the process of physical and mental development of learners, since physical education and sports, It is considered to be one of the most influential institutions in the culture of nations, by expanding physical education and sports activities in schools, it is possible to increase the physical, mental and intellectual abilities of students, and reduce mental tension and physical discomfort. Dad (Razavi, 2013).

The attention of individuals and organizations to the lesson of physical education and sports in schools has increased to the extent that in the first article of the UNESCO Charter, physical education and sports are mentioned as a fundamental right of all children and adolescents, which should be provided through providing opportunities for exercise in support the education system; The second article of this charter emphasizes that the financial institutions of each country should strive to improve and develop physical education in order to create a balance and strengthen the relationship between physical activity and other components of education. Also, the cultural, political and social improvement of societies depends on the attention of officials and planners to the quantitative and qualitative development of education in each country (Razavi, 2013).

Intra-school sports olympiad is a program to organize inter-class sports competitions in school and native-local sports during the school year with the cooperation of teachers, parents and students, according to the school's facilities, characteristics and climatic conditions of the region. Intra-school competitions, which were held informally in schools in the past years, are now held according to a specific

framework and rules, despite the program instructions, the opening of the Olympiad symbolically across the country and with the presence of National officials are held in a selected school and the continuation of the program is followed by the technical, cultural, health and monitoring and evaluation committees in the school. At the end of the competition, a closing ceremony will be held honoring the top players. This competition has the goals of developing and improving the physical and mental fitness of students, helping students become more familiar with sports activities and championships, and helping to identify and develop sports talents. Students and increasing students' orientation to school and students' performance in provincial and national sports competitions (Torabi, 2014).

Considering the current costs of the national plan in schools of the province and that physical training programs in schools have a huge contribution to the health and well-being of the young generation, holding the national sports plan in the schools of the province can help to use this plan as much as possible and improve the quality of this plan. A concentrated multi-discipline sport under the title of intramural student sports olympiad was held among the students of each school, because at the beginning of the implementation of each plan, many issues and problems are seen, which in some cases do not achieve the goals set in the plan. sometimes even conflicts and contradictions can be seen in it, which in some cases do not follow the goals set in the plan, sometimes even conflicts and contradictions cause the transformation of the plan; For this reason, by proposing this issue, the researcher is looking for the quality of performance and development of intramural Olympiad in Semnan province. Ultimately, the researcher is looking to find out whether the quality of holding intramural Olympiad has an effect on the performance of students in competitions in Semnan province ?

The job of an artist teacher and trainer (physical

education) is to present the concepts to the students with live and dynamic activities and help the all-round development of the students. It is not possible to learn science by sitting on the school bench and listening to the teacher's words. Education may take place, but in real education, the student must come out of the classroom and enter life and society. The reason why sports activities should be given importance, money should be paid for it, plans should be made, and the time of coaches and students should be spent, lies in the fact that, apart from educational programs, physical skills and sports activities that students have in The future will be involved in it.

Graham (2013), states that one of the effective factors in the quality of physical education competitions is the existence of work motivation and creating a suitable work environment for physical education teachers. He also considers the participation of physical education teachers in educational programs and providing professional development for physical education teachers as one of the important factors in the quality of intramural Olympiads.

One of the first needs for holding intra-school Olympiads in sports is to know the factors that improve the quality of holding Olympiads and the performance of students.

Sports equipments are the factors that are more important in the non-optimized performance of intramural Olympiad. If the look at sports is not just for fun and spending time, and if they remove the

atmosphere of programs and classes from the theoretical and classical format and the curriculum framework and actually transform the bell of sports into a lively atmosphere, sports will definitely be more enjoyable for children. . And of course it affects their performance in competition

The general purpose of the current research is to investigate the relationship between the quality of intramural Olympiads and the performance of students in the provincial competitions in Semnan.

According to the researches conducted inside the country, it can be said that the researches that have cro level in a country for school physical education

- Parents of students follow their children's sports progress very little compared to other subjects and do not attach importance to it.

## Materials and Methods

What can be inferred from the data about the frequency of the gender variable is that 54% of the questionnaire respondents are men and 46% are women. In other words, the percentage of male respondents was more than female.

What can be inferred from the data in Table 1 about the frequency of the marital variable is that 70% of the questionnaire respondents are married and 30% are single. In other words, the percentage of married respondents was more than singleKolmogorov Smirnov.

**Table 1.** Frequency of age variable.

| Age variable | Abundance | Percent | Cumulative frequency percentage |
|--------------|-----------|---------|---------------------------------|
| 16-20        | 4         | 8       | 8                               |
| 20-24        | 7         | 14      | 24                              |
| 25-29        | 13        | 26      | 50                              |
| 30-34        | 12        | 24      | 74                              |
| 35-39        | 9         | 18      | 92                              |
| 40-44        | 4         | 8       | 100                             |
| Total        | 100       | 100     |                                 |

## Results and discussion

### Kolmogorov-Smirnov (ks) test results

This test is used to investigate the claim made about the data distribution of a quantitative variable. At first, in order to determine whether to use parametric tests or non-parametric tests to test the hypotheses, the Kolmogorov-Smirnov test was used to determine the

normality or abnormality of the model indices. The results of this test in the table below show that the value of sig is less than 0.05, so the hypothesis H<sub>1</sub> based on the normality of the distribution is accepted, so parametric tests are used.

**Table 2.** Results of descriptive statistics related to student performance.

| Testable            | Number | Average | The standard deviation | Standard deviation error of the mean |
|---------------------|--------|---------|------------------------|--------------------------------------|
| Student performance | 50     | 3.34    | .5526                  | .0675                                |

The quality of holding sports competitions for elementary school boys in Semnan province is in a favorable condition. In this regard, it is necessary to pay attention to sports, especially intra-school Olympiads. The results showed the importance of holding olympiads in schools, increasing positive relations between employees, engaging them in sports activities and achieving organizational goals, and increasing the performance of employees and students, and raising the quality of holding competitions.

The performance of the students participating in the elementary school boys' sports competitions in Semnan Province is in a favorable condition. One of these approaches that has received special attention today is the theory of intra-school olympiads. Sports activities and intramural Olympiads predict many organizational variables. We conclude that having teachers specializing in sports and providing the necessary equipment and facilities for life, the low salaries and benefits of teachers are among the factors that have a great impact on optimizing and increasing the quality and efficiency of physical education lessons and intra-school Olympiads.

Considering that sports and physical activity have the most important quality of services, it is necessary to identify the organizational measures that cause such behaviors in students. Factors such as lack of equipped sports centers at school level, low teaching motivation among physical education teachers,

reforming the structure and organization of physical education in education, awareness of parents and coaches about the goals and The necessity of sports in schools, the level of cooperation of officials with the implementation of this lesson in schools, the satisfaction and interest of the teacher from the officials of physical education and the director of schools, free access to the latest domestic and foreign books and magazines on physical education and sports. , they consider the government's attention and thinking towards the third principle of the constitution and management skills to be effective in improving the quality and efficiency of physical education lessons in schools.

Provision of physical education teachers in terms of social, economic and motivational status, turning to scientific management instead of traditional management at the macro level in the country for physical education in schools.and- By increasing the space and sports facilities and employing active and expert forces in the field of sports in schools, try to increase the success of school sports teams in the province and national levels and - Giving importance to the evaluation of the physical education lesson, so that the physical education lesson finds its real place in the education system and achieves its basic goals and values.

### Conflict of interests

No conflict.

## References

- Afzalpour, Mohammad Ismail Zarang, Mahmoud and Khushbakhti, Jafar (2016). "Evaluation of the implementation of physical education lessons in the first and second grades of primary schools in South Khorasan province". *Research in Sports Sciences*, Vol. 55, pp. 107-125.
- Ebrahimi, Seyyed Javad (1390). "Comparison of the method of spending leisure time and crime in young athletes and non-athletes". Master's thesis, Faculty of Physical Education and Sports Sciences, Allameh Tabatabai University, pp. 87-85.
- Guderzai, Mahmoud and Henry, Habib (2006). "Designing and compiling the comprehensive sports system of wrestling" *Research in sports sciences*, volume 14, vol. 1, pp. 33-54.
- Guderzi, Mehdi (2012). "Explaining the current situation of the General Department of Physical Education of Payam Noor University using SWOT analysis" *applied research in sports management*, volume 2, volume 2, pp. 61-74.
- Hosni, Mohammad, (2008), comparative study of sports activities in several countries, Office of Development and Planning of Educational Affairs and Physical Education.
- Hosseini, Seyyed Shahu; Hamidi, Mehrzad; The victims of Rajabi, Asiyah and Sajjadi, Seyyed Nasrallah (2012). "Identifying the strengths, weaknesses, opportunities and threats of talent acquisition in the championship sports of the Islamic Republic of Iran and the bottlenecks and challenges facing it". *Journal of Sports Management*, Vol. 17, pp. 29-54.
- Imam Jamaha, Seyyed Mohammad Reza; Ahmadi, Gholamali and Timournia, Mohin (2012). "Comparative study of Iran's elementary school extracurricular activities with American, English and Malaysian drawers" *Curriculum Research*, Volume 3, Vol. 1, pp. 17-65.
- Khalkhali, Wali and Abbas, (2012), critical thinking, interpretation, importance and education, *Tarbiat Monthly* No. 4.
- Khavari, Lalila and Yousefian, Javad (2007), "Study on the implementation of physical education lessons in middle and high schools of Yazd province". *Research in Sports Sciences*, Volume 6, No. 18, pp. 87-100.
- Ministry of Education, (2004), Deputy General Education, explaining the place of complementary and extracurricular activities in the education and training of general courses by the efforts of Dr. Hossein Ahmadi, Abdul Hossein Heydari Tafarshi and others, first edition, specialized media publications .
- Mousavi, Ruhollah, (2007), physical education activities in Iran, Germany, Japan, thesis.
- Torabi, Akbar (2014). "Family and intramural sports olympiad" *weekly magazine*, volume 20, no. 516, p. 1.
- Wazini Taher, Amir; Hayati, Amir and Pak Zamir, Faraz. (2012). "The relationship between the level of physical activities and the development of basic motor skills in elementary school children." *Scientific Research Journal of Movement Behavior (Research in Sports Sciences)*. Vol. 14, pp. 163-187.

