

## **Economic factors affecting the success of selected countries participating in the 7th CISM Games 2019 Wuhan China**

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### **Abstract:**

Many countries believe that the acquisition of medals in sports fields reflects the wealth and power of a country. So countries are looking for medals in various sports fields in international arenas. Many researchers investigate what causes and factors affecting exercise performance. Studies at the level of competitions such as the Olympics and the World Cup show that factors such as economic factors, social and political factors also affect the performance of countries.

Regarding the existing research and the lack of research on the factors affecting the performance of CISM, the present study seeks to examine the effect of economic factors of countries on their sport performance in CISM.

The present study is a descriptive-analytical study and according to the nature of the subject, a library method for collecting data related to economic indicators such as inflation, GDP, rate Unemployment and Gini coefficient have been used. Information about the performance of the CISM sport is also from information and results of web of CISM have been used. The statistical population of this study is 109 countries, of which 10 countries were selected as statistical samples. After the categorization and description of data, normalization of data was verified through Kolmogorov-Smirnov test.

Then hypotheses of the research were conducted using inferential statistical methods (single variable and multivariate regression) at 5% significance level it placed. Among the mentioned factors, Gini coefficient have a significant effect on sport performance in CISM, but, GDP, unemployment and inflation rates did not affect performance.

**Key words:** CISM Sport , Sports performance, Economic factors