



## The impact of the corona crisis on the performance of medal-winning in developed and developing countries at the 2020 Olympic games

Oral Presentation

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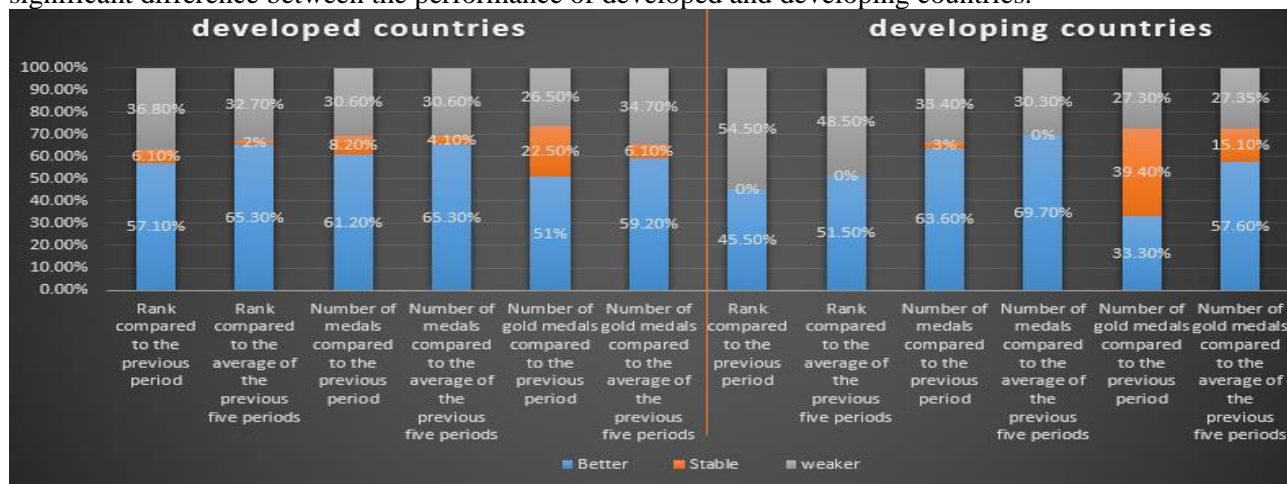
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### Abstract

**Introduction:** Olympic Games are the biggest sporting event. Since the beginning of the new Olympics, this event has been held regularly every four years with most independent countries, member or non-member of the United Nations. Still, due to some global crises, such as the Corona crisis in 2020, some courses' system is damaged. According to the Human Development Index, the United Nations divides member countries into three broad groups: developed, developing, and underdeveloped. This study aims to investigate the effect of the corona crisis on the performance of medal-winning in developed and developing countries at the 2020 Olympics.

**Methods:** The research data were obtained by reviewing and comparing the medal table of the 2020 Olympic Games with the tables of the previous five Olympic Games and calculating their average.

**Results:** 1- Approximately 52.7% and 35.5% of the medal-winning countries at the 2020 Olympics were developed and developing. 2. Approximately 74.2% and 42.9% of all developed and developing countries' member states won medals during this Games period. 3- The chart below compares the performance of the convoy of developed and developing countries that won medals in the 2020 Olympic Games with the previous period and the average of the last five periods. Based on the following chart, it can be stated that there is a significant difference between the performance of developed and developing countries.



**Conclusion:** One of the critical issues in the human development index is the physical health of society. According to the chart above, it can be concluded that championship and professional sports in developed countries have suffered less from the Corona crisis and have been able to better manage this crisis according to the available facilities. This could be one of the reasons why they performed better in the 2020 Olympics than in previous years.

### Keywords

Corona Virus; the Olympic 2020; Developed Countries; Developing Countries

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