

Review of: "Cross-national associations of IQ and infectious diseases: Is the prevalence of Corona an exceptional case?"

Salim Yılmaz¹

¹ Istanbul Arel University

Potential competing interests: No potential competing interests to declare.

This article presents a study that examines the impact of the Coronavirus pandemic on health, including its materials, methods, and findings. The research conducts multiple regression analyses using six Corona variables (reproduction rate, hospitalization count, Intensive Care Unit treatments, confirmed case count, death count, excess death) as dependent variables and intelligence level as an independent variable. The study presents the results of analyses conducted in different time intervals and subgroups (Northern Hemisphere, Southern Hemisphere, countries with high data quality, countries with low data quality, wealthy countries, poor countries). The results demonstrate that intelligence has a generally negative impact on the Coronavirus pandemic. However, the findings vary across time and subgroups. Additionally, the study utilizes a pathway model to explain the impact of intelligence on the Coronavirus pandemic. In this model, the relationships between different variables are examined to determine the indirect effects between intelligence level and the total COVID effect. However, it is noted that the model does not fully fit the data and can be improved. In conclusion, this article examines the relationship between intelligence level and the Coronavirus pandemic, presenting the results of analyses conducted in different time intervals and subgroups. The findings indicate that intelligence is an important factor in the effects of the pandemic, but this effect can vary across time and subgroups.

As a researcher using structural equation modeling, it appears that there are no apparent errors in the analytical part of the study. Considering all these aspects, my decision is ACCEPTANCE. However, I recommend providing potential suggestions for future research and expanding the paper by incorporating a discussion of its contributions and the significance of the findings. There is no need for me to review it again.