

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

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Potential competing interests: No potential competing interests to declare.

Comments

The article of interest to its field, especially for the infectious diseases pandemics and similar context.

Abstract:

Background, page 2:

"countries with higher IQ.....detect more Corona cases": it would be better to be transferred to introduction section.

Results:

give the co-efficient, and the P value for each predictor

Full text:

Introduction:

Too long introduction, kindly summarize the introduction.

Methods:

Kindly give the study design, study time, study location at the beginning of methodology section.

How is sample size calculated?

Studied independent and dependent variables better to be mentioned as a paragraph.

Details about each studied variable better to be summarized.

Give the full name of the abbreviation for the first time then use the abbreviation.

Analysis page 13: All analysis details shouldn't be mentioned, only analysis of the main outcomes is mentioned.

Results:

Limitations mentioned at the end of results section would be better to be transferred to limitations at the end of the study.

Discussion:

Page 24: " Protecting oneself from diseases is to be rated as highly rational, but all..... leading to higher mortality rates ". Give supporting evidence for this statement (reference)

Page 24: " SARS-CoV-2 infection has no serious health consequences for the vast majority (e.g., due to less contact, less sports etc.). ". Give supporting evidence for this statement (reference)

Page 24: Complex mechanisms, the difficulty of making reliable predictions and the increased decreasing and increasing effects of a population's cognitive ability level. ". Give supporting evidence for this statement (reference)

It may be interesting to give comparison with previous evidence in literature in different situations.