June 4, 2022

Department of Statistics

Shahjalal University of Science & Technology

Sylhet-3114, Bangladesh

To:

Editor in Chief – to Italian Journal of Pediatrics

Subject: Submission of Manuscript

Dear Sir/Madam,

Please find enclosed our manuscript entitled “Prevalence of Stunting and Associated Factors among under-5 children in Bangladesh: An Application of Multilevel Mixed-effects Logistic Regression Model”, which we hope you will consider for publication as a research article to Italian Journal of Pediatrics. Malnutrition is a concerning problem in infant development in Bangladesh. Rates of malnutrition in Bangladesh are among the highest in the world, with six million children estimated to be chronically undernourished. Child stunting is one of the four broad forms of malnutrition. We sought to evaluate the prevalence of stunting in children under the age of five, and the associated factors using a multilevel mixed-effects logistic regression model. We used the latest available nationally representative data from We used a nationally representative data from the Bangladesh Demographic and Health Survey (BDHS) 2017-18. The results from the BDHS 2017-18 data showed a significant association between child stunting and some other variables (mother’s education, father’s education, household head occupation, wealth index, age of the child and Division). Therefore, we think our study is relevant and timely for readers Italian Journal of Pediatrics.

This manuscript represents original research, and it has not been published and is not being considered for publication elsewhere, in whole or in part, in any language. The authors believe this study is a key addition to the literature by demonstrating that the association between child stunting and associated factors using a recent nationally representative survey dataset. All authors have approved the manuscript and affirm contributing to the conception, design analysis, and interpretation of the data. None of the authors report a conflict of interest.

Any consideration you may be able to give this manuscript in Public Health Nutrition Editorial Board will be much appreciated.

Sincerely,

Md Jamal Uddin

(Corresponding Author)