TO WHOM IT MAY CONCERN

I am pleased to write this letter in support of Mr. Mohammad Nayeem Hasan, with whom I have had the privilege of collaborating closely over the past five years. Throughout this time, Mr. Hasan has consistently demonstrated exceptional dedication, skill, and intellectual curiosity as a key member of our research team. I have no doubt that he possesses the talent and drive to excel further in academia and research.

I was first introduced to Mr. Nayeem Hasan through his master's supervisor, a Professor of Statistics with whom I have been collaborating on research since 2018. During the early phase of the COVID-19 pandemic, we were part of the global response effort and faced significant challenges in managing a large dataset on COVID-19. It was at this critical time that Nayeem joined our team. He quickly demonstrated his ability to handle large datasets, efficiently clean the data, and apply innovative coding techniques in RStudio for analysis. Since then, Nayeem and I have co-authored 8 peer-reviewed articles, including 4 papers that he has led as the principal author.

I would like to highlight a few examples where Nayeem made significant contributions and took the lead in scientific publications. One notable instance was our research aimed at understanding the global trends in the case-fatality rate (CFR) of COVID-19. We analyzed a large dataset that included COVID-19 data from over 190 countries and territories, along with key variables such as population density, the percentage of people aged 65 and older, the Global Health Security Index, and the Joint External Evaluation Score for each country. Nayeem skillfully managed these complex datasets and led the scientific writing of his first first-authored paper, which was published in the prestigious 'American Journal of Tropical Medicine and Hygiene': https://doi.org/10.4269/ajtmh.20-1496.

My first assignment to Nayeem was to extract global dataset on COVID-19 from 'Our World in Data' and run a binomial-regression analysis which he completed successfully, and we ended by publishing an important article on the evaluation of global pandemic preparedness (https://doi.org/10.1017/S0950268820002046). Nayeem recently published an article on two decades of dengue outbreak in Bangladesh as a lead author (https://doi.org/10.1093/jme/tjae001).

Mr. Hasan is self-motivated toward higher education, research, and investigation. His resilience and moral fortitude in the face of setbacks demonstrate his maturity and dedication to his research activities. I firmly believe in his ability to analyze complex datasets showcasing his creativity, imagination, and inventiveness.

With an outstanding academic record, research background, and dedication, I am confident that **Mr. Hasan** is well-suited to pursue higher studies in his chosen field and make significant contributions to the academic and research community.

Should you require any further information or clarification, please feel free to contact me.

Sincerely,

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