

**CERTIFICATE OF BIOSTATICS** 

18 January 2023

To whom this may concern,

This is to certify that, I, Riddhi Vyas, Assistant Professor of Rutgers University under the Department of Health Informatics, have reviewed the below study and confirms that a narrative synthesis approach using descriptive statistics is the most appropriate method and technique to be used due to substantial heterogeneity across the studies, which makes meta-analysis and statistical

approach impractical.

Title of study: A systematic review to determine the real-world effectiveness of mRNA COVID-19 vaccines in the elderly during the predominance of Delta and Omicron variants

Corresponding author: Harvey Kwang Ying Palalay, Department of Health Informatics, Rutgers University, Piscataway, NJ 08854, United States

This certification is issued for any purpose for which it may be required and serve.

Sincerely,

Riddhi Vyas, PhD

Department of Health Informatics Rutgers University Piscataway, NJ 08854 United States