

## Certificate of Biostatistics

10 February 2023

To whom it may concern

Title of Study: Correlation and pathways of behavioral activation systems mediating physical activity level and depressive symptoms among college students with depressive symptoms

Chief investigator: Jiang-hua Zhu, Donghua University, Department of Physical Education, Shanghai 201620, China

This letter is to confirm that I have read the ethics application prepared for this study, and that in my opinion the statistical methods and techniques mentioned are appropriate for the research.

Please contact me if you have any queries.

Sincerely,

Weizhi Liu

Professor, Ph.D, MD

Director, Lab for Post-traumatic Stress Disorder,

Director, The Emotion & Cognition Lab,

Faculty of Psychology and Mental Health,

Naval Medical University

E-mail: liuweizhi@21cn.com

Telephone: 13024141970

Fax: 021-81871671