Ethics Review Exemption Statement（Key aspects involving human participants）:

This study was conducted in accordance with the ethical standards of China's *Ethical Review Measures for Life Science and Medical Research Involving Human Subjects* (2023). The research protocol was reviewed and granted an exemption from full ethical review by the Institutional or Ethics Committee of Central South University for the following reasons: it involved minimal risk to participants, utilized anonymous questionnaires, and did not collect sensitive personal information. All procedures were performed in compliance with relevant ethical guidelines.

1. Prior to conducting the research, informed consent forms were voluntarily signed by all participants. The scope and purpose of the research fall within the parameters of the standardized informed consent.

2. This study utilizes anonymized information data.

3. This research does not cause harm to human subjects, nor does it involve sensitive personal information or commercial interests,and meets the ethical exemption requirements outlined in China's Ethical Review Measures for Life Science and Medical Research Involving Human Subjects 2023, thereby qualifying for exemption from ethical review.