

### **Institutional review board statement**

According to the regulations outlined by the National Health Commission, certain types of human life science and medical research, which meet specific criteria, may be exempt from ethical review to facilitate the advancement of research while ensuring the well-being of individuals. The specific clause that applies to this research "Epidemiologic characteristics and risk factors associated with overall survival for patients with mucinous colorectal cancer: a population-based study" is as follows:

"Human life science and medical research involving the use of personal information data or biological samples in the following situations, which do not harm individuals, do not involve sensitive personal information or commercial interests, may be exempt from ethical review in order to reduce unnecessary burden on researchers and promote the progress of human-related life science and medical research. (1) Research conducted using lawfully obtained public data or data generated through observation without interfering with public behavior..."

In accordance with this clause, this research project falls under the category of research conducted using lawfully obtained public data or data generated through observation without interfering with public behavior. Review and informed consent were exempted.

A square red seal containing the Chinese characters "江 南" (Jiang Nan) in a stylized, calligraphic font.

2023.5.25