

## Certificate of Biostatistics

5 October 2019

To whom it may concern

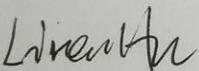
Title of Study: Nomograms predicting long-term survival in patients with invasive intraductal papillary mucinous neoplasm of pancreas: a population-based study

Chief investigator: Huilai Miao

Department of Clinical Research, The Affiliated Hospital of Guangdong Medical University, Zhanjiang 524001, Guangdong, 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, 

Liren Hu, Professor, Department of Epidemiology and health statistics, School of Public Health, Guangdong Medical University, No. 2, East of Wenmin Road, Zhanjiang 524023, Guangdong, China.

E-mail: fox833@163.com

Telephone: +86-0759-2387506

Fax: +86-2387506