Reviewer's report

Title: Temporal Trend and Climatic Factors of Hemorrhagic Fever with Renal Syndrome Epidemic in Shenyang City, China

Version: 1 Date: 6 February 2011

Reviewer: Desheng Huang

Reviewer's report:

Major Compulsory Revisions

1. Just as the authors mentioned, vaccination has been adopted in the study area from 2004 to 2005, while the detail data was not provided. Which kind of vaccine has been used, how many people have been vaccinated? Climate factors are the limited factors that may influence the incidence of HFRS, this vaccination factors should be considered.

2. Rodents control is very important to the disease control, these kind of information in the study area should be clearly described.

3. The authors indicated the limitation of small data, the reason to select the study period was not clear in the background, different city may have different cycle for infectious diseases, the long term trend or historical HFRS incidence cycle should be described, and if it possible, more data should be obtained to get more stable results.

3. The regression equation with component factors can return to models with the climate factors as independent variables, please compare the results with those of correlation.

Minor Essential Revisions

4. The name of the second author should be “Qiyong Liu”.

Level of interest: An article of limited interest

Quality of written English: Needs some language corrections before being published

Statistical review: Yes, and I have assessed the statistics in my report.

Declaration of competing interests:

I declare that I have no competing interests.