Author's response to reviews

Title: A Dynamic Estimation of the Daily Cumulative Cases in Infectious Disease Surveillance: an Application in Dengue Fever

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Version: 3 Date: 4 November 2009

Author's response to reviews:

November 2, 2009
Re: Submission of the manuscript “A Dynamic Estimation of the Daily Cumulative Cases in Infectious Disease Surveillance: an Application in Dengue Fever”

Dear Editors,

We would like to submit our manuscript entitled “A Dynamic Estimation of the Daily Cumulative Cases in Infectious Disease Surveillance: an Application in Dengue Fever” to BMC Public Health for publication. Any part of this manuscript has never been published elsewhere and the manuscript is not under consideration for publication by any other journal. All the authors have reviewed this work and agree with the submission of the manuscript for review.

The epidemic of the dengue fever occurs every year in southern Taiwan. Since the reported suspect cases of dengue fever cost time for laboratory confirmation of the diagnosis, there is often a time-lag between the number of true cases and the number of confirmed cases. In this study, we developed a statistical model to more correctly estimate the daily new number and the daily cumulative number of the dengue cases. We also evaluated this proposed method with simulations by using dengue notification data.

A copy of signed authors agreement form will be faxed to your office. I am looking forward to a favorable response from you.

Thank you very much for your attention and consideration.

Sincerely yours,

I-Feng Lin, Dr.PH