Reviewer's report

Title: Analysis of influenza transmission in the households of primary and junior high school students during the 2012 /13 influenza season in Odate, Japan

Version: 1 Date: 20 October 2014

Reviewer: Gerardo Chowell

Reviewer's report:

This is an interesting study that sheds light on the transmission of influenza in households in Japan. The paper is well written and the conclusions are sound. I only have two main comments:

1. Please explain in detail Figure 2, e.g., describe the meaning of the different abbreviations in the figure caption.

2. A relevant paper that assesses influenza transmission in households in Japan needs some attention:
Household and community transmission of the Asian influenza A (H2N2) and influenza B viruses in 1957 and 1961.

Level of interest: An article whose findings are important to those with closely related research interests

Quality of written English: Acceptable

Statistical review: No, the manuscript does not need to be seen by a statistician.