Reviewer's report

Title: A new approach to analyse longitudinal epidemiological data with an excess of zeros

Version: 5 Date: 1 January 2013

Reviewer: Santanu Chakraborty

Reviewer's report:

Major Compulsory Revisions - No further compulsory revision needed

Minor Essential Revisions - The following are the few typos that may be taken care of:

1. Page 2, Line 5 - replace 'modelling' by 'modeling'
2. Page 4, Line 14 - omit 'for' in 'controlled for by'
3. Page 5, Line 10 - replace 'Oone' by 'One'
4. Page 5, Line 13 - replace 'regression coefficients' by 'regression coefficient'
5. Page 8, Lines 10 and 11 - replace 'the variation in both' by 'each of the two variations in'
6. Page 11, Line -9 - replace 'predictiong' by 'predicting'
7. Page 18, Line 5 - replace 'in the a model' by 'in the model'
8. Page 18, Line 6 - 'the a Poisson' by 'the Poisson'

Discretionary Revisions - No further discretionary revisions needed

Level of interest: An article of importance in its field

Quality of written English: Acceptable

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

Declaration of competing interests:

I declare that I have no competing interests.