Reviewer’s report

**Title:** Projected growth of the adult congenital heart disease population in the United States to 2050: an integrative systems modeling approach

**Version:** 2 **Date:** 17 August 2015

**Reviewer:** Suzanne Gilboa

**Reviewer’s report:**

Review: Projected growth of the adult congenital heart disease population in the United States to 2050: an integrative systems modeling approach

General comments: This paper remains a creative approach to tackling the problem of estimating and projecting the size of the adult CHD population in the US. The authors have a good command of the literature and understand the limitations of their input data that were discussed in my earlier review as well as those of at least one other reviewer. The edits that the authors have made in response to my first review, as well as the other reviewers, have improved the quality of the manuscript. I appreciate the authors taking the suggestion to heart of a sensitivity analysis in which the input prevalence estimate was something more population-based and showing those results in supplementary material. I also appreciate the supplemental information that further explains integrated systems modeling which helped in my understanding of the approach. The journal editors may wish to, however, ensure that an expert statistical review is conducted.

I have no additional mandatory revisions.

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

**Quality of written English:** Acceptable

**Statistical review:** Yes, but I do not feel adequately qualified to assess the statistics.

**Declaration of competing interests:**

I declare that I have no competing interests.