Reviewer's report

Title: Socioeconomic status and the incidence of non-central nervous system childhood embryonal tumours in Brazil

Version: 2 Date: 18 November 2010

Reviewer: Logan Spector

Reviewer's report:

This manuscript provides an analysis of embryonal cancer incidence in 13 population-based registries in Brazil. The nation's large size and its status as an emerging middle-class economy supports the need for a venue to publish childhood cancer statistics. The major flaw to the analysis, namely that it is ecologic, is not given much consideration; perhaps this could be made clearer in the Conclusions. However, as a mainly descriptive analysis I find very little in need of correction and have only Discretionary Revisions to suggest:

Abstract: AAIR is not defined first

pp. 4: please clarify that the analysis separated out non-embryonal from embryonal tumors from within the ICCC categories. For instance, one would not want to count renal cell carcinoma along with Wilm’s tumor. However, this sentence leaves that impression.

Fig 3: Slope lines would enhance the interpretability of this graph.

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