Review of: "A Computational Model Assessing Population Impact of a New Tobacco Product"

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The authors describe an Agent-Based Model which can assess the effect of introducing a new tobacco product into the U.S. market (probably the model could also be extended to other contexts). In literature we found several approaches to analyze the evolution of smoking prevalence such as compartmental model (SimSmoke proposed by Levy). The paper here presented represent an optimal approach, but I cannot find in this paper a quantification of the sample uncertainty (such as confidence interval of model estimates or credible in a Bayesian context). Furthermore, the authors should quantify the impact of the sensitivity analysis through indices (Total Index via GSA propsed by Saltelli). In my opinion, the most important advice before publishing the paper is to write a section that tries to give a better explanation for the reproducibility of the model. For example, I cannot find a discussion of model likelihood (as long as it was used to estimate in parameters). In each case the paper is well written.