

Reproducibility report for: “Example of submitted manuscript title for modeling study”

Submitted to: PLoS Computational Biology

Manuscript number: PCOMPBIOL-X-XX-XXXXX.

Curation outcome: From the information provided in this submission the curators were unable to repeat or reproduce the reported results.

Minimum information required for reproduction:

Model source code provided:

- Source code: a standard procedural language is used (e.g. MATLAB, Python, C)
 - There are details/ documentation on how the source code was compiled
 - There are details on how to run the code in the provided documentation
 - The initial conditions are provided for each of the simulations
- Source code: a declarative language is used (e.g. SBML, CellML, NeuroML)
 - The algorithms used are defined or cited in previous articles
 - The algorithm parameters are defined
 - Post-processing of the results are described in sufficient detail

Model source code not provided:

- The model is described mathematically in the article main text or appendix
 - Equations representing the biological system
 - There are tables of parameter values
 - There are tables of initial conditions
 - Machine-readable tables of parameter values



David P. Nickerson, PhD
Curation Service Director



Anand K. Rampadarath, PhD
Curator

