

Supporting Information for

Software sustainability of global impact models

Emmanuel Nyenah¹, Petra Döll^{1, 2}, Daniel S. Katz³, and Robert Reinecke⁴

¹Institute of Physical Geography, Goethe-University Frankfurt, 60438 Frankfurt am Main, Germany

²Senckenberg Biodiversity and Climate Research Centre (SBiK-F), 60438 Frankfurt am Main, Germany

³NCSA & CS & ECE & iSchool, University of Illinois Urbana-Champaign, Urbana, IL, 61801, USA

⁴Institute of Geography, Johannes Gutenberg-University Mainz, 55128 Mainz, Germany

Correspondence to: Emmanuel Nyenah (Nyenah@em.uni-frankfurt.de)

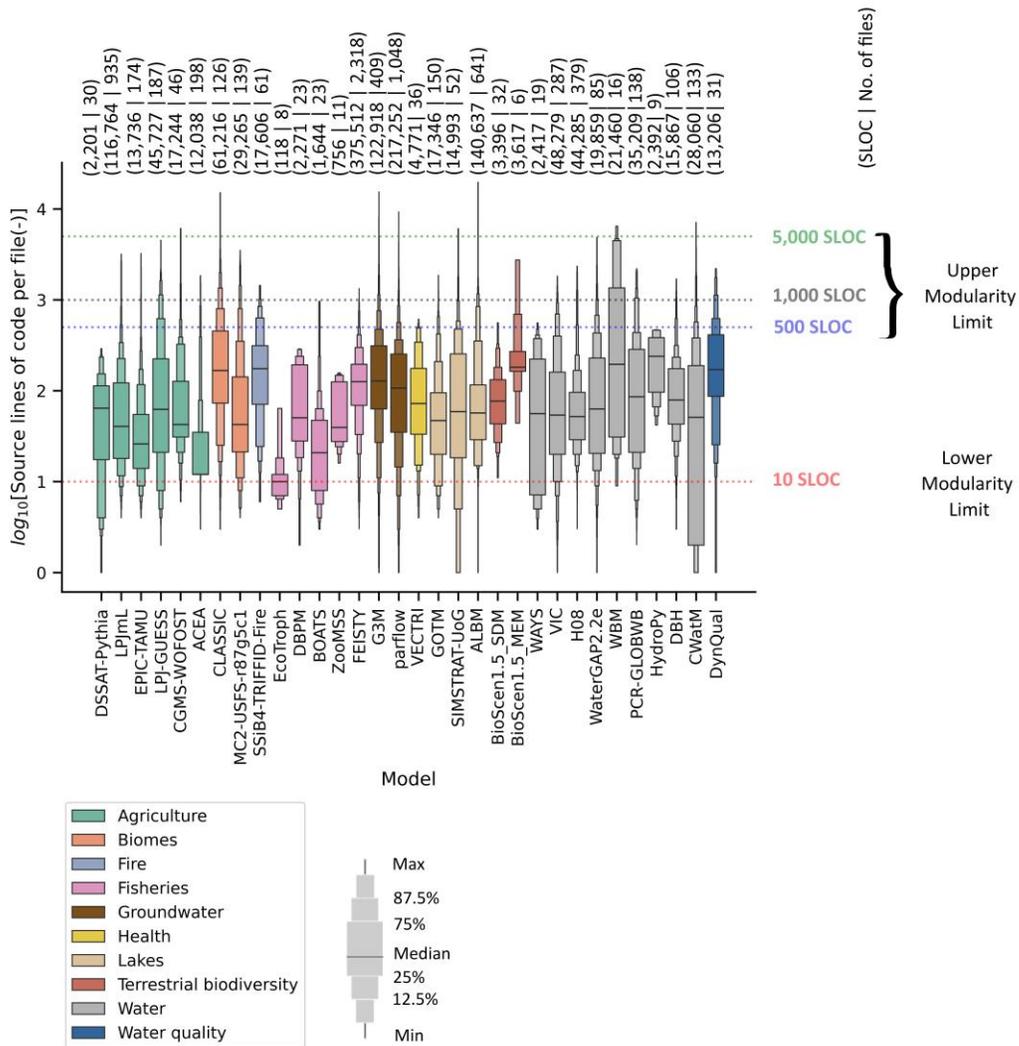


Figure S1: Letter value plot of source lines of code (SLOC) per file (logarithmic scale) of 32 global impact models across 10 sectors. The dotted blue, black, and green lines show upper modularity limits, the dotted red line the lower limit. The values (x|y) in the upper section of Fig. S1, show, for each GIM, SLOC | Number of files.

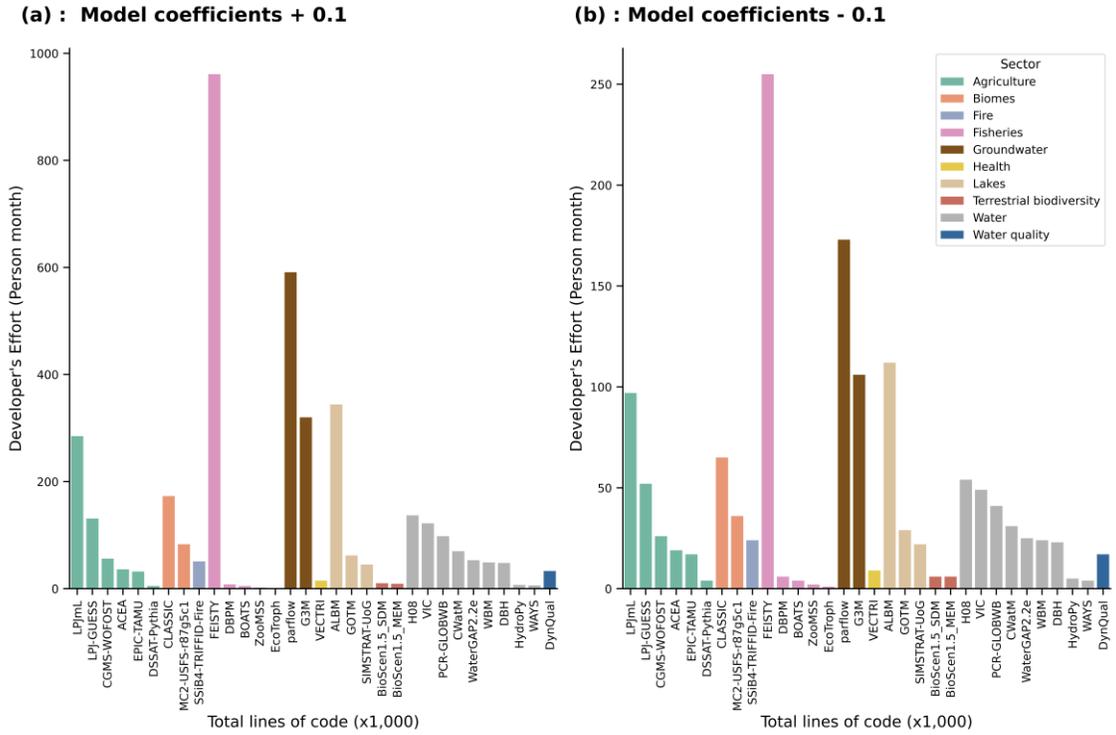


Figure S2: Impact of small change (± 0.1) in COCOMO model coefficients.