Interactive comment on “ICESHEET 1.0: A program to produce paleo-ice sheet models with minimal assumptions” by E. J. Gowan et al.

Anonymous Referee #1

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The advance in science and computer power have led to an enormous increase in modelling techniques, number of models in computations, and complexity of models. Ice (sheet) models are input to several of modellings when it comes to e.g. climate change or sea-level rise. As the authors note, they also turn out to be more complex recently. I welcome this study as it (1) provides an easy tool for generating your own ice model and (2) shows that for many studies on glacial isostatic adjustment (GIA) the ice model does not have to be so complex as often indicated. The manuscript is well written and concise, figures and tables provide all information needed to understand the tool. While reading I made a few notes only where some additional information would help make points finally clear.

Minor suggestions: L109. Specify the "limited impact". L111. What is "a component of GIA"? L114. Add a few words on CALSEA such as underlying theory, resolution,