

Specific comments: only two. (i) A little bit more should be said about the numerical model that solves the Boussinesq equations. Is there a reference? (ii) It would be interesting to perform a sensitivity study on the landslide parameters in the spirit of the analysis performed by Salmanidou et al. (2017) Statistical emulation of landslide induced tsunamis at the Rockall Bank, NE Atlantic. Proc. R. Soc. Lond. A 473, 20170026.

The model is described in Poupardin et al. (GJI). We added this reference in the paper.

In our mind, this sensitivity study is beyond the scope of this paper. Indeed, we considered a viscous flow, the volume is fixed by the ground scar, and we varied the viscosity of the landslide.

Technical corrections: only two minor ones. (i) the authors sometimes use words, sometimes numbers to describe distances or whatever quantities; (ii) in Murphy & O'Brien, replace "acceleration" by "acceleration"

OK. We corrected some numbers in the text and the reference.