

## ***Interactive comment on “A statistical fracture model for Antarctic ice shelves and glaciers” by Veronika Emetc et al.***

**Anonymous Referee #1**

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This paper uses a phenomenological approach to mapping crevasses in Antarctic ice-sheets and glaciers. The method uses a set of criterion that correlate with appearance of crevasses. The criteria and the approach is of Bayesian/AI type and lacks completely scientific rigour. However, the mapping is very extensive and match quite well, in most cases, with observed crevasses. The results may therefore be useful data for more rigorous approaches, and may simply because of that reason be published.

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Interactive comment on The Cryosphere Discuss., <https://doi.org/10.5194/tc-2018-5>, 2018.