

Interactive comment on “Stable accumulation patterns around Dome C, East Antarctica, over the last glacial cycle” by Marie G. P. Cavitte et al.

Anonymous Referee #1

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Working toward a better understanding of the ice-dynamic history around Dome C is an important pursuit, and the idea of using observed isochrones to better constrain divide dynamics is a good one. However, this manuscript is missing some critical references which highlight both the challenges of this type of work and the requirements for any model used to derive isochrone position near an ice divide. To make this manuscript a significant contribution to the literature, the authors need to better justify their model in the context of previous work, and define a more precise set of conclusions.

A full review is attached.

Please also note the supplement to this comment:

<https://www.the-cryosphere-discuss.net/tc-2017-71/tc-2017-71-RC1-supplement.pdf>

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Interactive comment on The Cryosphere Discuss., <https://doi.org/10.5194/tc-2017-71>, 2017.

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