

## ***Interactive comment on “A Two-Station Seismic Method to Localize Glacier Calving” by M. J. Mei et al.***

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Hi Anja,

Thanks for your very detailed review. I'm implementing the grid search now - one issue is that each event returns a different [x, y, velocity] corresponding to the global minimum (I am using minimum in total different in reported and gridded lags). That is, for my 11 events, I may end up with 11 different surface velocities between say 1-1.4 km/s - but there should be the same velocity for all the events.

What do you suggest?

I am thinking taking the average of all the optimal velocities then redoing the grid search in 2D for just [x, y] given this velocity value?

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