



Supplement of

How does the lifetime of detrained cirrus impact the high-cloud radiative effect in the tropics?

George Horner and Edward Gryspeerdt

Correspondence to: George Horner (g.horner20@imperial.ac.uk)

The copyright of individual parts of the supplement might differ from the article licence.

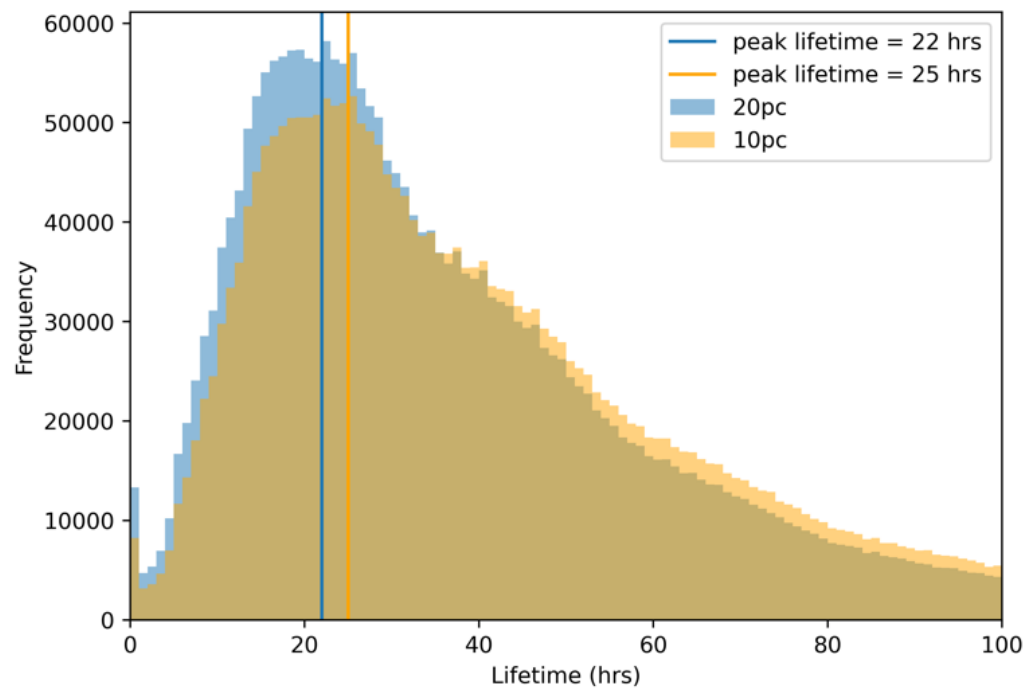


Figure S1: Histogram of lifetimes of detrained cirrus using a 20% threshold, and a 10% threshold for the lifetime cutoff point.

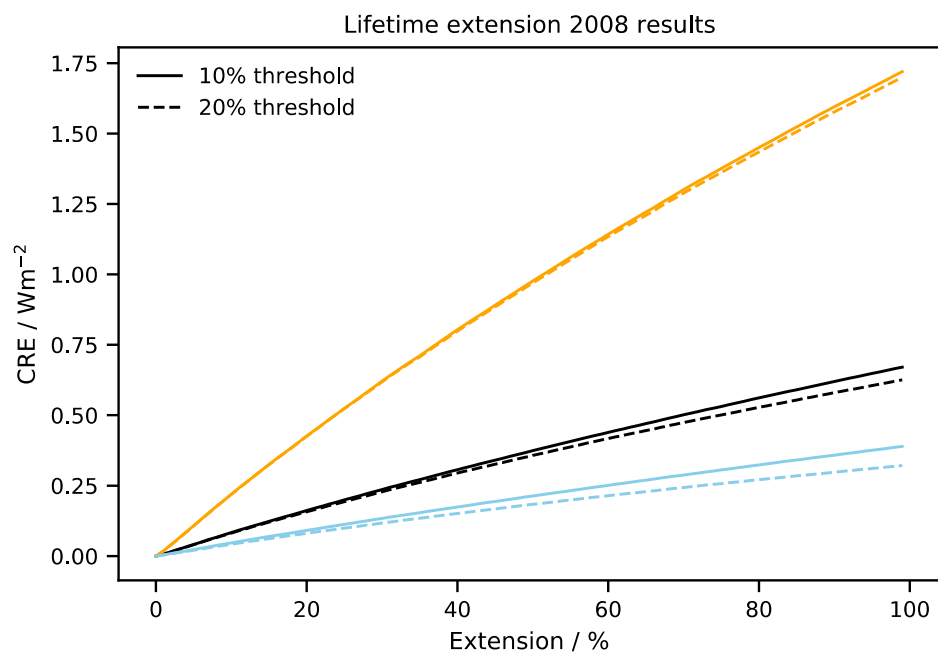


Figure S2: Change in the lifetime extension CRE using the two different calculated cutoffs from S1.

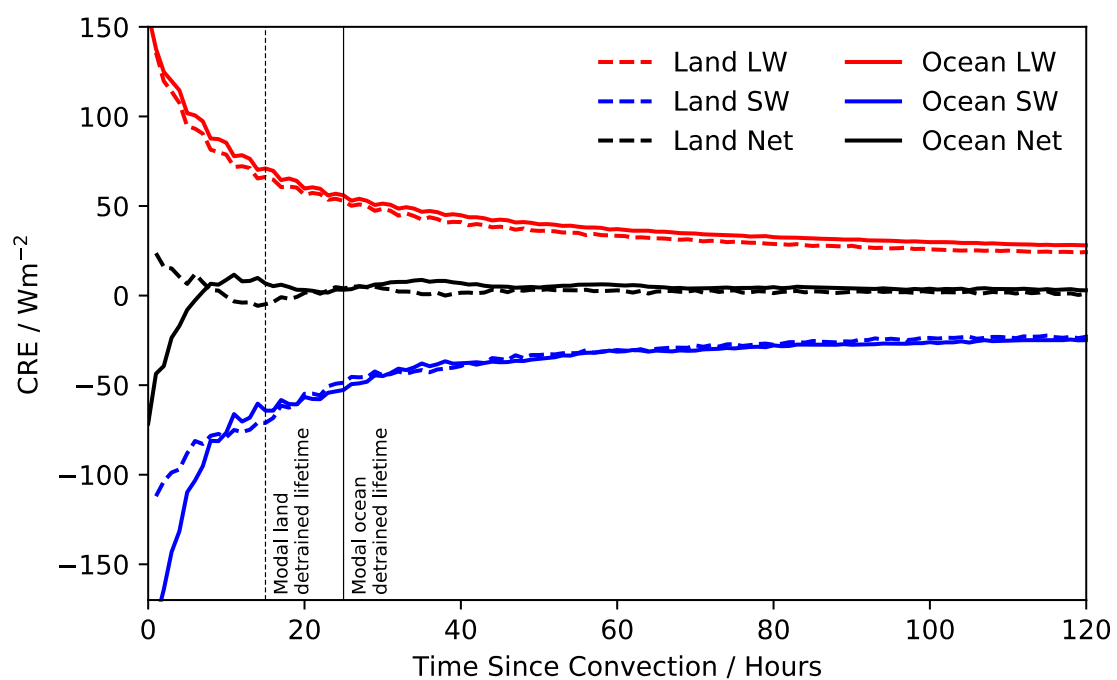


Figure S3: As in Figure 7, but controlling for albedo by only showing CRE of trajectories that exist over ocean, for both land-origin and ocean-origin trajectories.