



EGUsphere, community comment CC1  
<https://doi.org/10.5194/egusphere-2022-468-CC1>, 2022  
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## **Comment on egusphere-2022-468**

Vogt Charlotte

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Community comment on "Dynamic response and breakage of trees subject to a landslide-induced air blast" by Yu Zhuang et al., EGU Sphere,  
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This paper performed a very interesting work about the air blast risk assessment. It proposed an applicable method to estimate the hazard associated with air blasts using the tree breakage. The analytical technique is feasible and the results appear reasonable. Though the writing is smooth and clear, some modifications will make the paper more understandable.

(1) Symbols in some equations are not well defined (Eq. 7), please define it.

(2) In lines 267-278, authors performed a new comparative simulation. Some hypothesis appears to have changed. Please make a clearer statement to make readers have a better understand here.