

Review of "FORCCHN V2.0: An individual tree-based model for predicting multiscale forest carbon dynamics" by Fang et al. (egusphere-2022-49).

I appreciate the time the authors took to respond to the previous reviewer comments, and I believe that they addressed all the previous concerns appropriately. I believe this manuscript can be published as-is, with only a few suggested technical changes.

Line 95, change from "each individual tree is assumed to belong to the plant functional types (PFTs)" to "each individual tree is assumed to belong to **a** plant functional type (**PFT**)"

Line 97, add an "a" between "and" and "random function", to read "by forest types and **a** random function"

Line 199, change to "reports", to read "Fig. 4 reports the spatial distribution" (matching current tense)

Line 208 biomass discussion should be a separate paragraph. Change "As the comparisons" to something like "For evaluation".

Line 211, change to "observations **show** that the tropical forests **have** the highest AGB, and the boreal forests **have** the smallest AGB."

Line 223, change to "We developed and designed..."

Line 229, change to "then it is applied **to** predicting the carbon dynamics **for** Northern Hemisphere forests."

Line 230, change to "Our assessment indicates that FORCCHN2 is able to predict the carbon dynamics **satisfactorily**."