

Biogeosciences Discuss., referee comment RC2
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Comment on bg-2021-290

Anonymous Referee #2

Referee comment on "Assessment of the impacts of biological nitrogen fixation structural uncertainty in CMIP6 earth system models" by Taraka Davies-Barnard et al.,
Biogeosciences Discuss., <https://doi.org/10.5194/bg-2021-290-RC2>, 2022

I can only make few editorial comments on this manuscript:

135-136: confusion in the numbering of figures 1b, 1c, 1d.

144-145: in figure 3 the units of measurement are in kgN, and in the text - in kg.

152-153: the marker "b" is missing in Figure 3.

187-200: figures 4c, 4d, 4e are missing in the manuscript.

470-...: we see BNF for the periods 1980-2014 (Figure 1), 1980-2015 (Figure 2), 2005-2014 (Figure SI 2). May be it would be better to average BNF estimates for the period of 1980-2014.

I think this is a very good student-level technical study. I do not see new scientific results in this manuscript. For these reasons, I consider this article to be inappropriate for Biogeosciences status.