

Biogeosciences Discuss., author comment AC1
<https://doi.org/10.5194/bg-2022-109-AC1>, 2022
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Comment on bg-2022-109

Cédric Bacour et al.

Author comment on "Assimilation of multiple different datasets results in large differences in regional to global-scale NEE and GPP budgets simulated by a terrestrial biosphere model" by Cédric Bacour et al., Biogeosciences Discuss.,
<https://doi.org/10.5194/bg-2022-109-AC1>, 2022

Some of the equations embedded in the text (in section 2.3.4.2) have disappeared during the submission process.

+ Line 386 - 387 should read as follow: "[...] ratio between \mathbf{R} and $E[\mathbf{d}_a^o \cdot \mathbf{d}_b^{o^t}]$; $\mathbf{H}_o \cdot \mathbf{B} \cdot \mathbf{H}_o^t$ and $E[\mathbf{d}_a^b \cdot \mathbf{d}_b^{o^t}]$; $\mathbf{H}_o \cdot \mathbf{B} \cdot \mathbf{H}_o^t + \mathbf{R}$ and $E[\mathbf{d}_b^o \cdot \mathbf{d}_b^{o^t}]$) [...]"

+ Line 395 reads as follow : "[...] while the large value of X^2 (chi-2) expresses a strong underestimation of the observation error [...]"