

***Interactive comment on “Can the two-parameter recursive digital filter baseflow separation method really be calibrated by the conductivity mass balance method?” by Weifei Yang et al.***

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Thank you very much for your additional explanation. We fully agree with the points you discussed here. The basic assumptions of the CMB method and the Eckhardt method cause them to get significantly different full baseflow segments during the dry season. The calibration process of BFI<sub>max</sub> will not improve this difference. In fact, the calibration is likely to aggravate the deviation of the two methods in the dry season (Fig. S5). We have added relevant discussions in the manuscript.

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