

***Interactive comment on* “Technical note: Pitfalls in using log-transformed flows within the KGE criterion” by Léonard Santos et al.**

Léonard Santos et al.

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Answer to the review comments by Björn Guse

We would like to thank Dr Björn Guse for his review of the article. We will try to improve our manuscript according to his comments.

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Minor comments:

- Page 5, line 28: The modelling period is subdivided into a calibration (2003-2008) and a validation period (2008-2013). Please make clear whether the year 2008 belongs to the calibration or validation period.

Actually we made a mistake in this description. To be exact, the calibration period covers the period from July 2005 to June 2009 and the validation one covers the period from July 2009 to July 2013. We apologize for this mistake and will modify the article accordingly.

- Figs. 2-11: If possible, I recommend to add a header to the subplots. Since all these figures have a similar layout, it would be good to differentiate them in a clearer way. E.g. you may add “observations” and “simulations” as header to the subplots of Fig. 3.

This is a good suggestion, it will help making the figures more understandable and complements Dr Lieke Melsen’s minor comment number 2.

- Fig. 2-3: Maybe you can merge both figures by adding the information that you compare log-transformed and untransformed data.

This is also a good idea as Fig. 2 has more value when compared to Fig. 3. We will do it.

Technical comments:

- I recommend to avoid paragraphs with only one or two sentences such as on P.4, L.20-27.

We will try to aggregate the smallest paragraphs for a better understanding of the manuscript.

- Page 13, L. 4: Please remove “pp.” in the Coron et al.

It will be done

Léonard Santos, on behalf of co-authors

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