

Interactive comment on “A parsimonious transport model of emerging contaminants at the river network scale” by Elena Diamantini and Alberto Bellin

Anonymous Referee #2

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The manuscript describes a model of transport of contaminants in surface water. Specifically, five pharmaceuticals (diclofenac, ketoprofen, clarithromycin, sulfamethoxazole and Irbesartan) are modelled in a case study application. The proposed framework is original and the main innovative contribution is related to the stationarity hypothesis and to the number of parameters.

The manuscript is well written and pleasant to read. The model is appropriately described and the case study is rich of information. Results are promising and the proposed model represents an interesting amelioration compared to the previous ones present in literature.

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I have only a minor suggestion, that is, to improve the figure 3 (first line: diclofenac) since apparently it is not clear that there are also blue points under the red ones.

Interactive comment on Hydrol. Earth Syst. Sci. Discuss., <https://doi.org/10.5194/hess-2018-252>, 2018.

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