

Geosci. Model Dev. Discuss., referee comment RC2
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Comment on gmd-2022-24

Anonymous Referee #2

Referee comment on "Regional coupled surface–subsurface hydrological model fitting based on a spatially distributed minimalist reduction of frequency domain discharge data" by Nicolas Flipo et al., Geosci. Model Dev. Discuss., <https://doi.org/10.5194/gmd-2022-24-RC2>, 2022

225. A pictorial description containing the input, model(function or equation) and output relation (like Figure 3.) to describe the HYdrological MInimalist Transfer function method would be really helpful for readers to get a solid overview of this method.

230. As said earlier, it will be really helpful to get link between parameters that control the shape of the transfer function as described on line 230 with the transfer function. You can state the equation and explain the parameters clearly.

249. Change gauging stations to streamflow gauging stations. (change all other lines with only gauging stations too).

364. Correct "totla" to total.