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Comment on hess-2022-295

Jonathan Frame

Community comment on "Continuous streamflow prediction in ungauged basins: long short-term memory neural networks clearly outperform traditional hydrological models" by Richard Arsenault et al., Hydrol. Earth Syst. Sci. Discuss., <https://doi.org/10.5194/hess-2022-295-CC1>, 2022

It seems like your paper title is trying to make a controversy out of something that shouldn't be controversial. If an LSTM is trained to predict streamflow from atmospheric forcings and basin characteristics, then why wouldn't it be considered a hydrological model? Why not just say that LSTM is clearly the best hydrological model?