

LEGEND: Reports Answers

Report #1

Thanks again for the responses and revisions made by the authors. The paper can essentially be accepted as is, but I have two technical suggestions.

Thanks again for all the revision work !

The line numbers refer to the track changes version.

l. 120: "contain minimal information" - not sure if "minimal" is the right wording here. Do the authors mean minimal in a sense of "most compressed", since hydrological signatures reduce some aspects of a hydrological time series to a single number?

We mean here that the learnt features must contain as little information as possible about the climate and the drivers, due to the architecture we chose (modified in line 117 of the revised manuscript).

l. 123 replace "e" with "a"

Thank you for spotting this typo (we corrected it in line 120 of the revised manuscript).