

Interactive comment on “Technical note: A time-integrated sediment trap to sample diatoms for hydrological tracing” by Jasper Foets et al.

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Dear Referee, We thank you for your valuable and constructive comments. We agree with most of your suggestions and remarks and we will adjust accordingly. However, if we would pool the data then we will compare just one sample against another. It seems to us that it is better to include all the samples and take into account the repeated measurements by using a ‘strata’ term when setting the permutations of the analysis. Also, by using different kinds of analysis and giving the variability of the samples (i.e. boxplot and standard deviation) we believe that it should be sufficient. Besides, could you elaborate a bit more on comment number 2? Especially, the last sentence of the paragraph is unclear to us and we do not know what you suggest.

C1

Interactive comment on Hydrol. Earth Syst. Sci. Discuss., <https://doi.org/10.5194/hess-2020-166>, 2020.

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