

Interactive comment on “Flowmeter data validation and reconstruction methodology to provide the annual efficiency of a water transport network: the ATLL case study in Catalonia” by J. Quevedo et al.

Anonymous Referee #2

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In this paper, measured flows entering a network are compared to measured flows leaving the network. Flow measurements inaccuracies are corrected. Unclear is how this was done. Also, it is not clear why this was done. The example of fig 7 shows that even if 6 months of wrong data are present, there is a way to correct those. What the value of that exercise is, is quite unclear. The suggestion of the hydraulic performance of a network as the difference between the volume of water delivered measured by billing flow meters and the volume of water entering the system is not correct. This is the unaccounted for water, and it is not equal to water loss.

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Figures 1-4 have no added value, they can be explained in text. Fig. 5 is incomprehensible. The text to fig 6a is incorrect.

The methodology in 2.2 describes how to calculate the network efficiency. In the results, this value is not given.

There is lack of international references to work on water meter inaccuracies and calculating unaccounted for water and water loss.

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