

Interactive comment on “Statistical framework for estimating GNSS bias” by J. Vierinen et.al.

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We thank the referee for valuable comments. Responses to specific comments are listed below.

> The major and fundamental assumption at the basis of the new method is to consider the differences between pairs of measurements as Gaussian random variables. It appears clear that such an assumption makes the problem easily tractable. However, it could be wondered what is the experimental evidence for such an assumption.

This type of a treatment is numerically very efficient due to the sparse theory matrix. This type of an assumption is related to Markov random fields. We will improve the manuscript by referring to previous literature on these types of sparse a priori assumptions.

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