

Dear Editor,

During our last proofreading of the manuscript, one of the co-authors spotted a typo in one of the equations. On page 7, the Continuous Ranked Probability Score (CRPS) is used in order to compare the ensemble of simulated DEMs. The CRPS equation can either be written as being  $x$  in function of  $y$ , or  $y$  in function of  $x$ . Both writing exists in the literature, and while preparing the paper we used the second option.

However, before submitting, we changed the equation for coherence to use the original notation of Gneiting et al. (2007), page 256. However, a small mistake occurred when changing the notation, which was basically changing all the  $x$  to  $y$  and vice-versa, and the derivative term was forgotten.

Therefore, the formula in the paper is:

$$crps(F, x) = \int_{-\infty}^{\infty} \{F(y) - \mathbf{1}(y > x)\}^2 dx$$

When it should be

$$crps(F, x) = \int_{-\infty}^{\infty} \{F(y) - \mathbf{1}(y > x)\}^2 dy$$

We hope that you will approve this late change in the manuscript.

Sincerely,  
On behalf of all the authors,

Alexis Neven

