Correction to: Spatiotemporal assessment of the PERSIANN family of satellite precipitation data over Fars Province, Iran

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Correction to: Theoretical and applied climatology
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The original version of this article unfortunately contained a mistake.

Equations 1–4 have been typed wrongly during the steps of corrections and some figures and tables are placed way too far from the citations. The publisher regrets this mistake.

The original article has been corrected.

$$\text{RMSE} = \sqrt{\frac{\sum_{i=1}^N (P_{io} - P_{is})^2}{N}} \quad (1)$$

$$\text{RME} = \frac{\bar{P}_o - \bar{P}_s}{\bar{P}_o} \quad (2)$$

$$\text{CC} = \frac{\sum_{i=1}^N (P_{io} - \bar{P}_o)(P_{is} - \bar{P}_s)}{\sqrt{\sum_{i=1}^N (P_{io} - \bar{P}_o)^2 \sum_{i=1}^N (P_{is} - \bar{P}_s)^2}} \quad (3)$$

$$R^2 = \left(\frac{\sum_{i=1}^N (P_{io} - \bar{P}_o)(P_{is} - \bar{P}_s)}{\sqrt{\sum_{i=1}^N (P_{io} - \bar{P}_o)^2 \sum_{i=1}^N (P_{is} - \bar{P}_s)^2}} \right)^2 \quad (4)$$

where P_O is observed ground-based precipitation, P_S is satellite-based precipitation, $\bar{P}_O$ the mean observed precipitation, $\bar{P}_S$ the mean satellite precipitation, i is the summation index or the record number in the precipitation time series and N is number of months, seasons and years depending on the time series scale.

The online version of the original article can be found at <https://doi.org/10.1007/s00704-019-02872-2>

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