

An assessment of the accuracy of global precipitation estimates without gauge observations

Christian Massari¹, Wade Crow², and Luca Brocca¹

¹Research Institute for Geo-Hydrological Protection, National Research Council, Perugia, Italy

²United States Department of Agriculture - Hydrology and Remote Sensing Laboratory, Beltsville, Maryland, USA

Correspondence to: Christian Massari (christian.massari@irpi.cnr.it)

ADDITIONAL FIGURES

The supporting information contains 2 additional figures to complement the results shown in the paper (Figures A1 and A2). In particular, the figures show the same results shown in the main text of the manuscript but with the assumption of multiplicative error model (i.e., by using log-transformed precipitation). The description of the figures is given in the main text of the

5 manuscript.

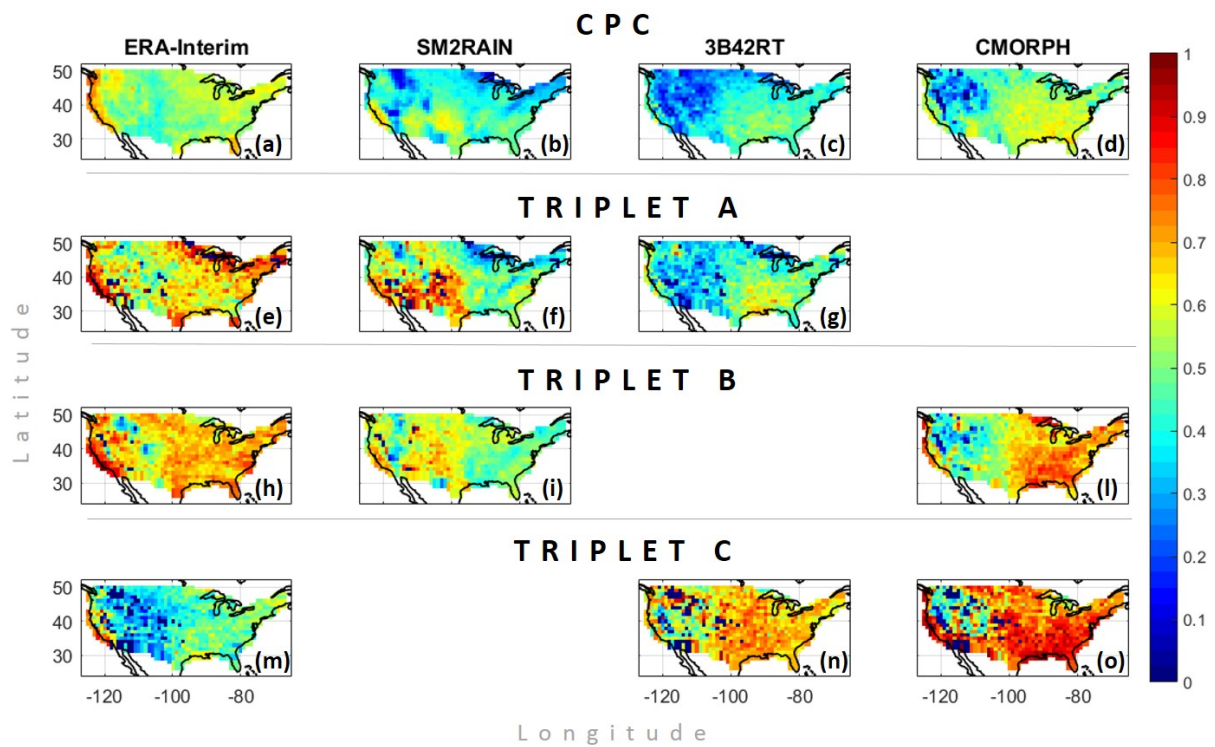


Figure S1. CPC-based (a, b, c and d) and TC-based (e-o) correlation coefficient obtained for the triplets: i) ERA-Interim-SM2RAIN-3B42RT (e, f, g), ii) ERA-Interim-SM2RAIN-CMORPH (h, i, l) and iii) ERA-Interim-3B42RT-CMORPH (m, n, o) during the period 2012-2015 using a multiplicative error model.

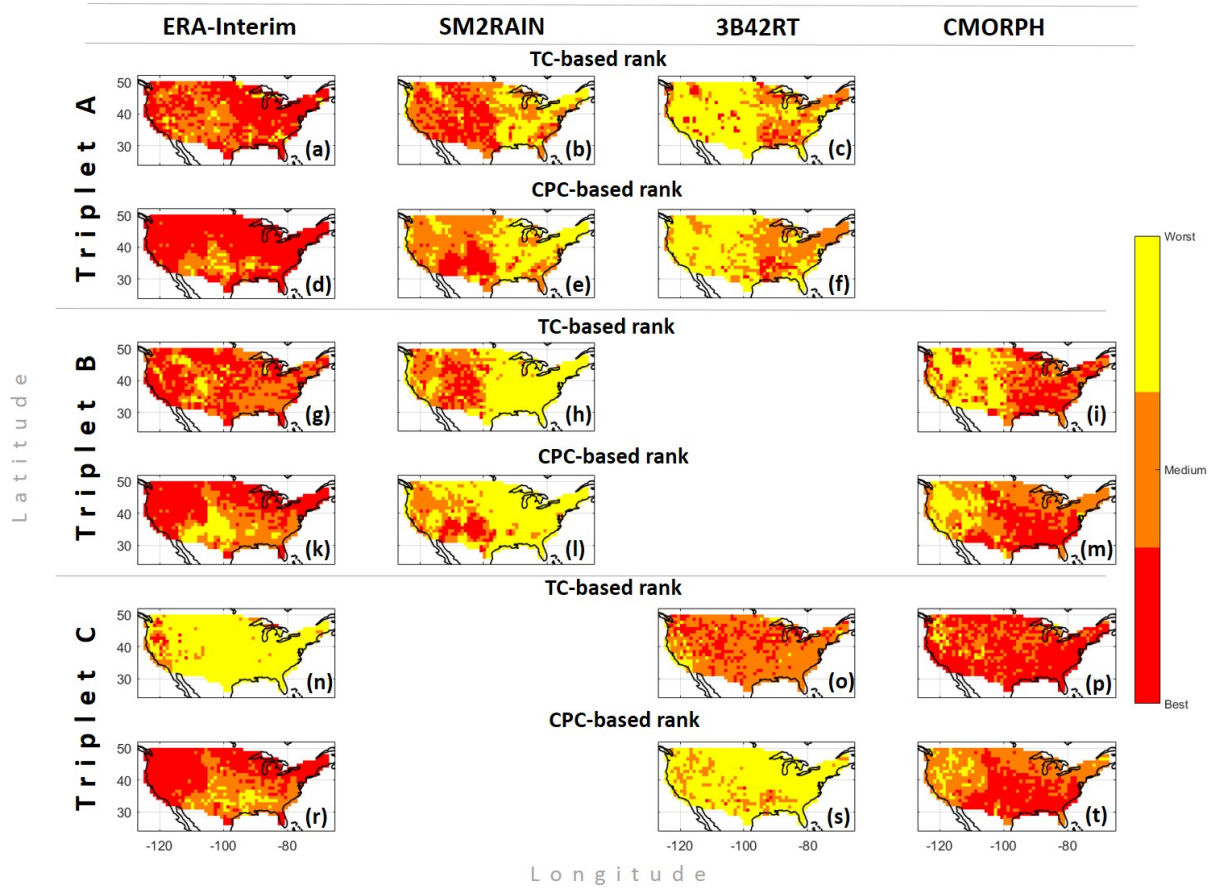


Figure S2. Rank based on CPC-based correlation (CPC-based rank in the figure) and TC-based correlation (TC-based rank in the figure) of the triplets: i) ERA-Interim-SM2RAIN-3B42RT (e, f, g), ii) ERA-Interim-SM2RAIN-CMORPH (h, i, l) and iii) ERA-Interim-3B42RT-CMORPH (m, n, o) during the period 2012-2015 using a multiplicative error model.