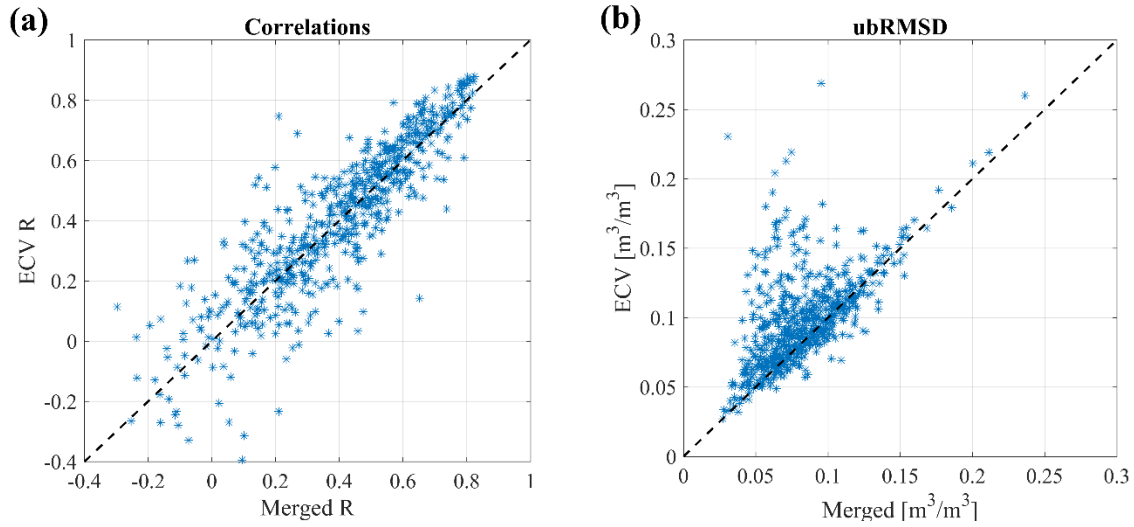


## Maximizing Temporal Correlations in Long-Term Global Satellite Soil Moisture Data Merging



**Figure S1.** Comparisons of the (a) correlations and (b) ubRMSD of ECV and the merged product against the in situ measurements