

The authors have addressed most of my previous comments satisfactorily, especially regarding the methodological explanation, section structure, and additional visualization of quantile biases. However, I still find the response to the comment on spatial gradients and spatial integrity insufficient (Comment 5). I understand that there is no true gridded observational MDA8 field, and that using an interpolated observation field as the reference may be misleading. Nevertheless, since a key claim of PIQB is that it better preserves model-resolved spatial structures while incorporating station-based bias information, this point should be supported by some quantitative evidence rather than only visual inspection. I suggest adding at least one simple diagnostic that does not require a gridded observational truth, such as the preservation of model spatial anomalies. This would help demonstrate more objectively whether PIQB preserves high-resolution spatial variability better than Obs. IDW and avoids the large-scale artifacts of Adjoint PDFs. Apart from this remaining issue, I consider the other comments to have been adequately addressed.