

Dear Editor,

Please, find below the reference to the text in the manuscript where we address each of your comments.

Best regards,

Luis Pineda

I 221: please provide details on how the kriging semivariogram was calculated. Was this done on a daily basis (i.e. a different semivariogram for each time step) or on a temporally aggregated (e.g., monthly) basis. If the former, how were zero values taken into account?  
See: I 223 - I226

I 226 - 232: this section is not clear to me. The variance of the crossvalidation residuals is different from the kriging variance, so the sentence on I 226 - 228 is confusing to me, which makes it difficult to follow the rest of that paragraph.

See: Rewritten section, I 228 - I 251

I 552 - 568: the discussion of TMPA performance seems to disregard the spatial variability of the KED interpolation. Figure 2 seems to indicate a gradient of KED uncertainty increasing with elevation (i.e. inland). Might this have an impact on some of the apparent decrease of TMPA performance in inland basins (I 561)?

See: I 574 - I 578