



Figure 6. Same as Figure 2 for the long-term analysis.

5 Result from 63-year assessment of large-scale temperature

To examine the sensitivity of our results to record length we apply a similar analysis to a time period of 63 years, January 1950 to December 2012. Excluding the decadal experiment which does not include realizations covering greater than 30 years, we use MIROC5 simulation data from the historical and control experiments. We compare the model results to the results obtained from the 20CRV2 and BEST observational products. Again, we would like to reiterate that the results are not meant to be compared directly between each region. Table 2 provides summaries of the DLM and AR estimated model parameters and posterior inferences for each spatial domain. This includes the baseline discount factors δ_{base}^{mod} and δ_{base}^{obs} , MAP DLM level one equation variance V , AR model order q , MAP AR variance σ^2 , maximum moduli of all reciprocal roots from the AR