

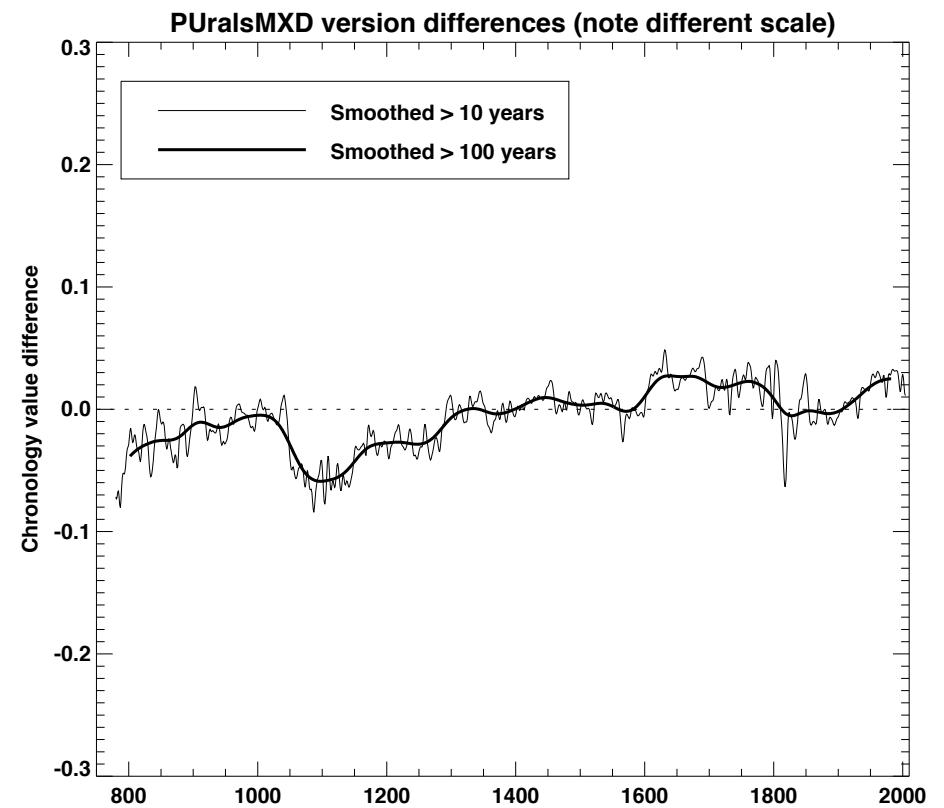
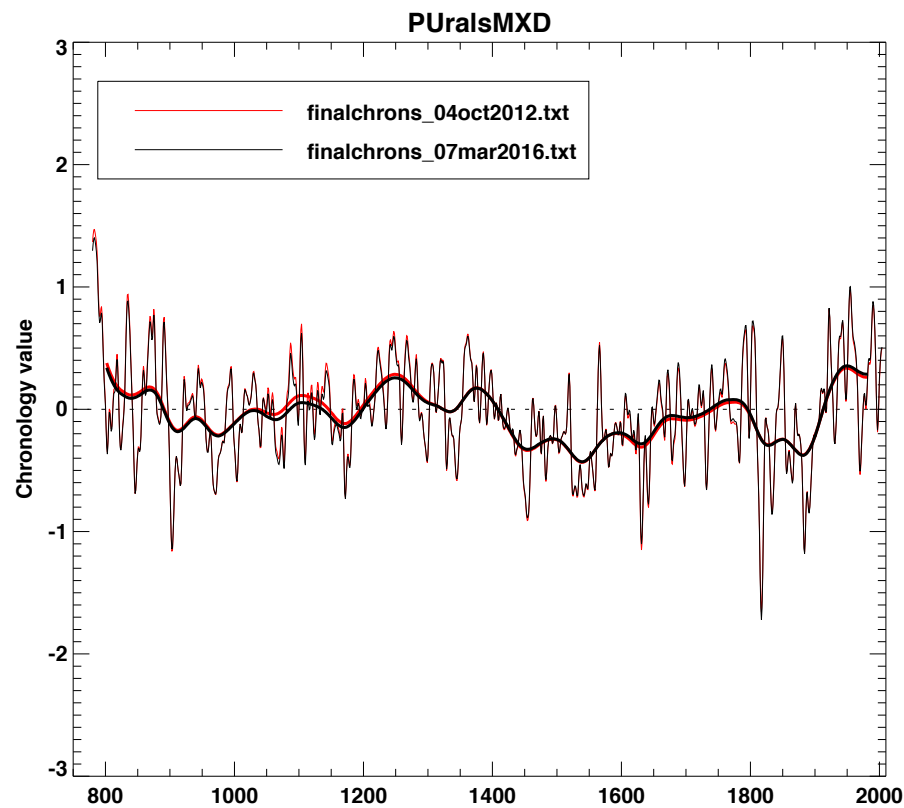
Correction to Briffa *et al.* (2013)

9 March 2016

- The correction is documented here: <https://crudata.uea.ac.uk/cru/papers/briffa2013qsr>
- This file illustrates the impact on the final Polar Urals MXD chronology and consequently on the final reconstructions of summer temperature
- The Yamalia reconstruction is based on TRW for timescales > 15 years, but one version (YamaliaCombMcal_JJA) is calibrated against the medium timescales (15-100 years) of the Polar Urals MXD and so this version is slightly affected
- The next three pages show the original and corrected Polar Urals MXD chronologies on various timescales
- The subsequent pages show the original and corrected figures 7, 8, 9, 12 and 13 of the main paper
- Full reference:
- Briffa K.R., T.M. Melvin, T.J. Osborn, R.M. Hantemirov, A.V. Kirdyanov, V. Mazepa, S.G. Shiyatov and J. Esper (2013) Reassessing the evidence for tree-growth and inferred temperature change during the Common Era in Yamalia, northwest Siberia. *Quaternary Science Reviews*, **72**, 83-107, doi: 10.1016/j.quascirev.2013.04.008

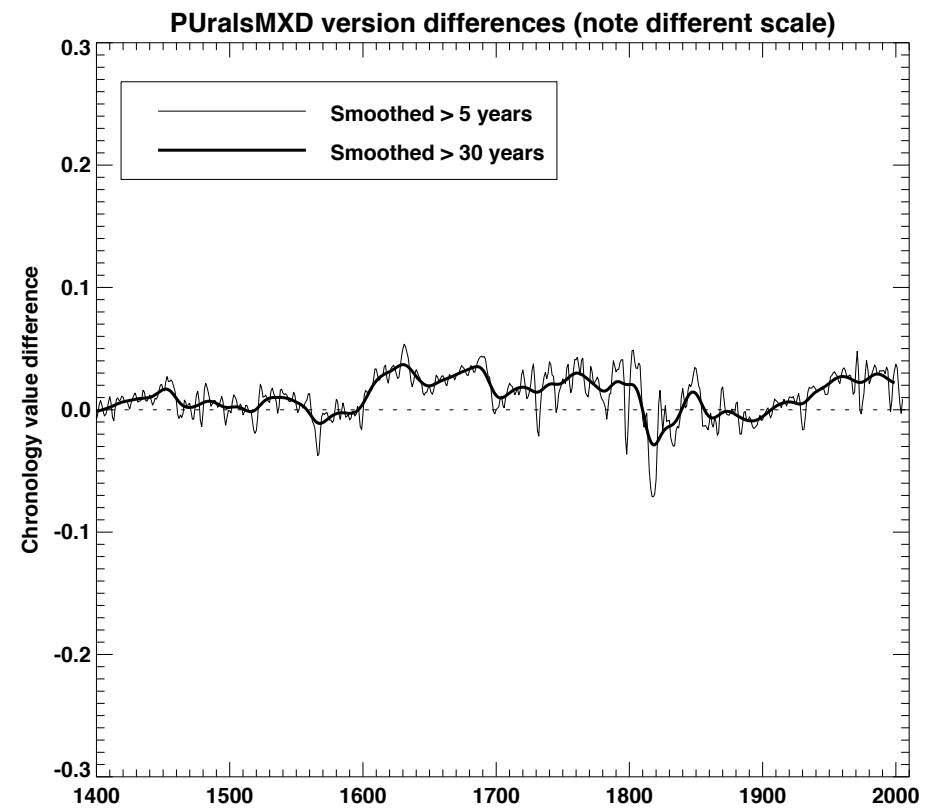
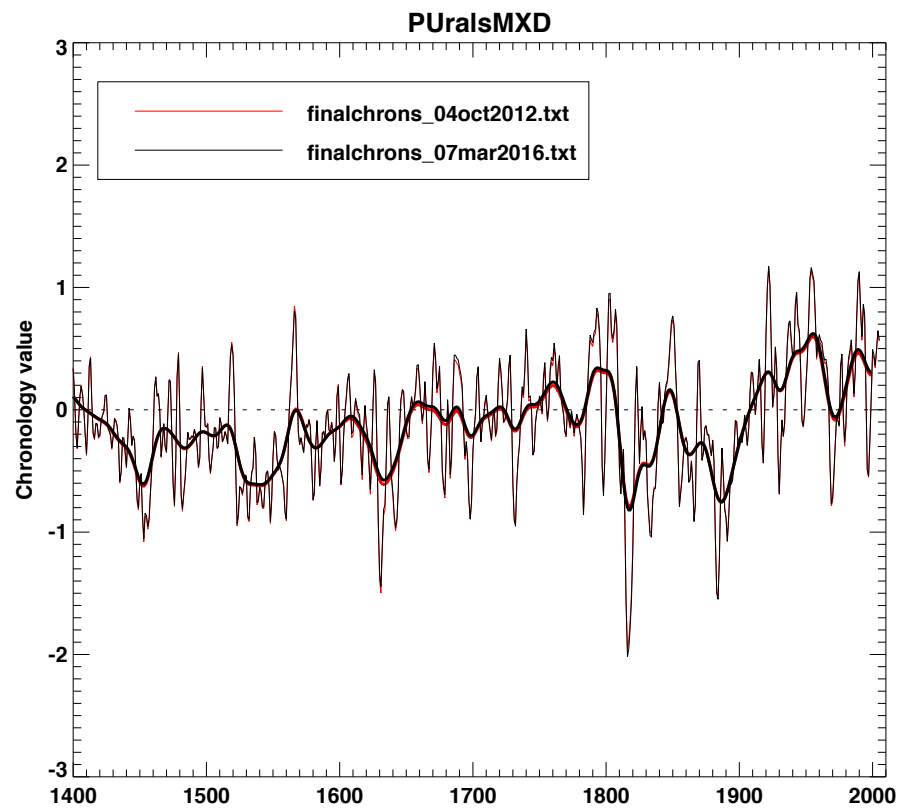
Comparing original (red) and corrected (black) Polar Urals MXD chronologies and their difference (corrected minus original, right)

Full chronologies, 10- and 100-year smoothing



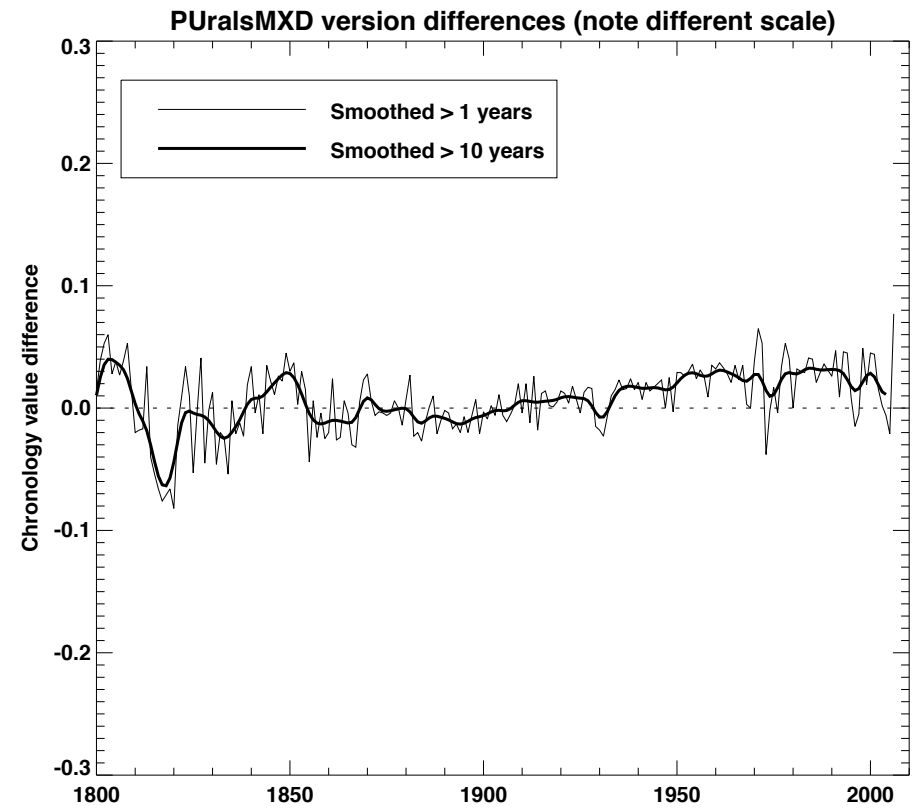
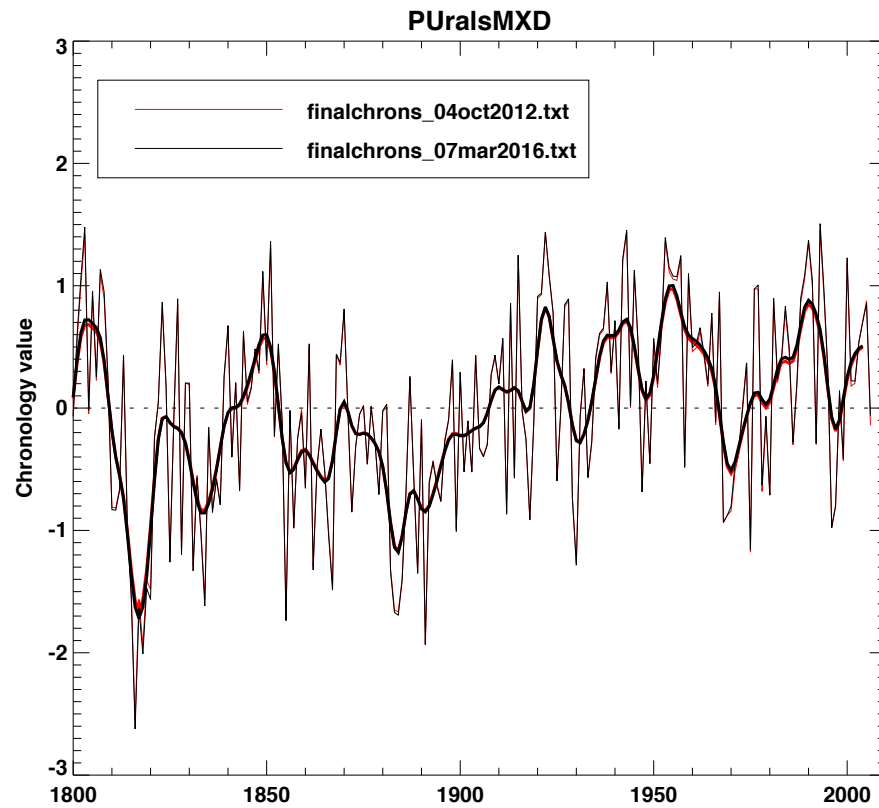
Comparing original (red) and corrected (black) Polar Urals MXD chronologies and their difference (corrected minus original, right)

After 1400, 5- and 10-year smoothing

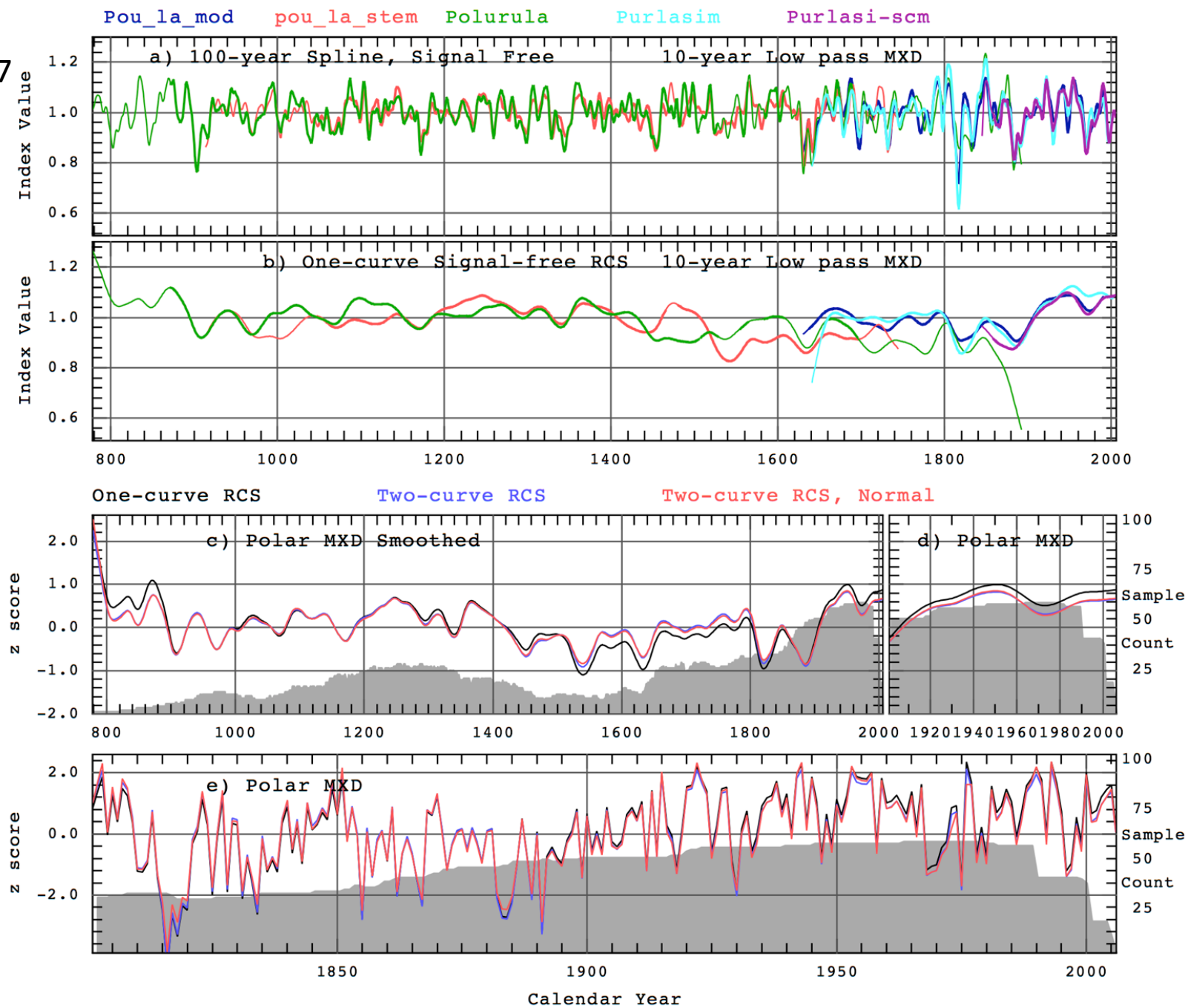


Comparing original (red) and corrected (black) Polar Urals MXD chronologies and their difference (corrected minus original, right)

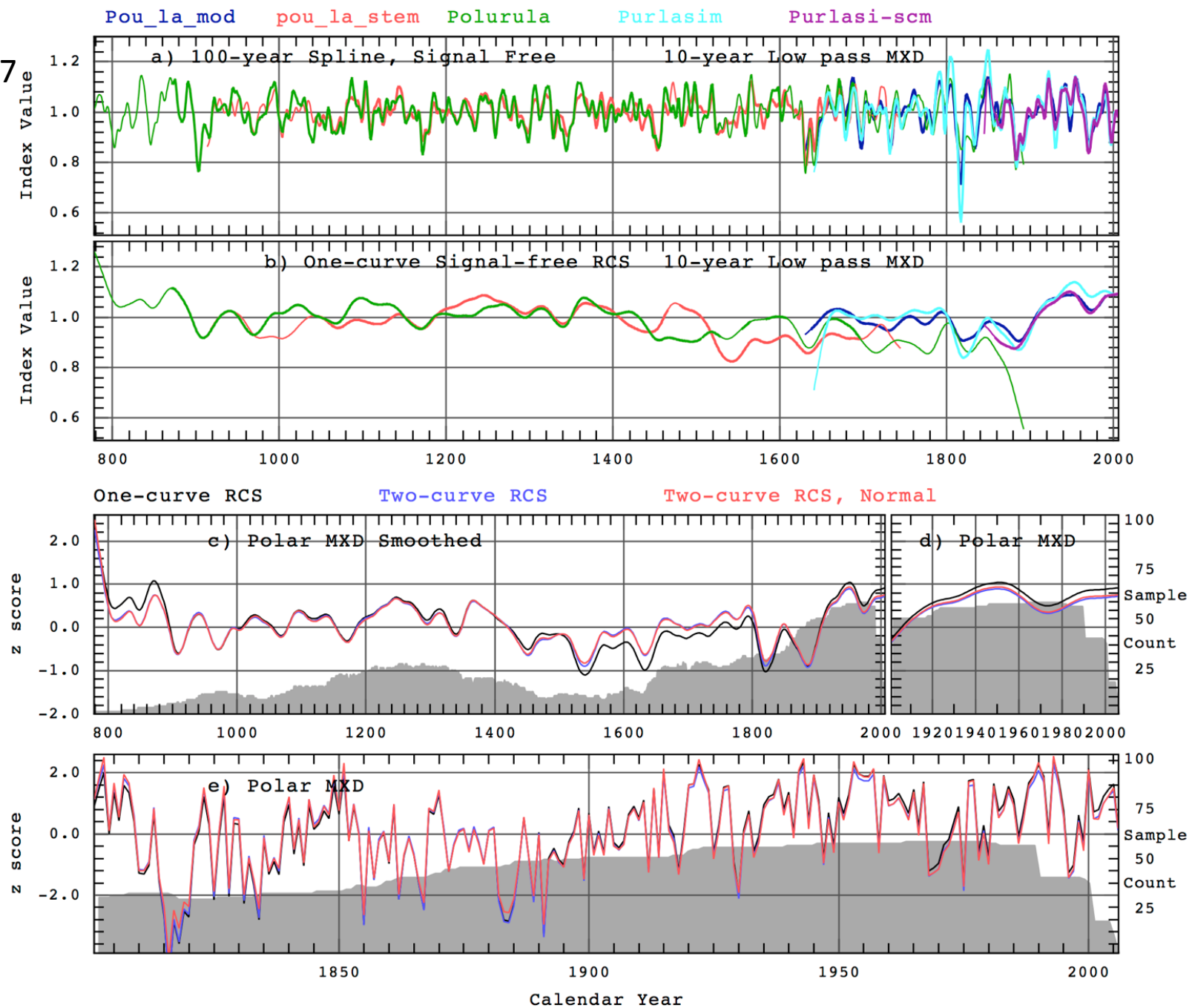
After 1800, unsmoothed and 10-year smoothing



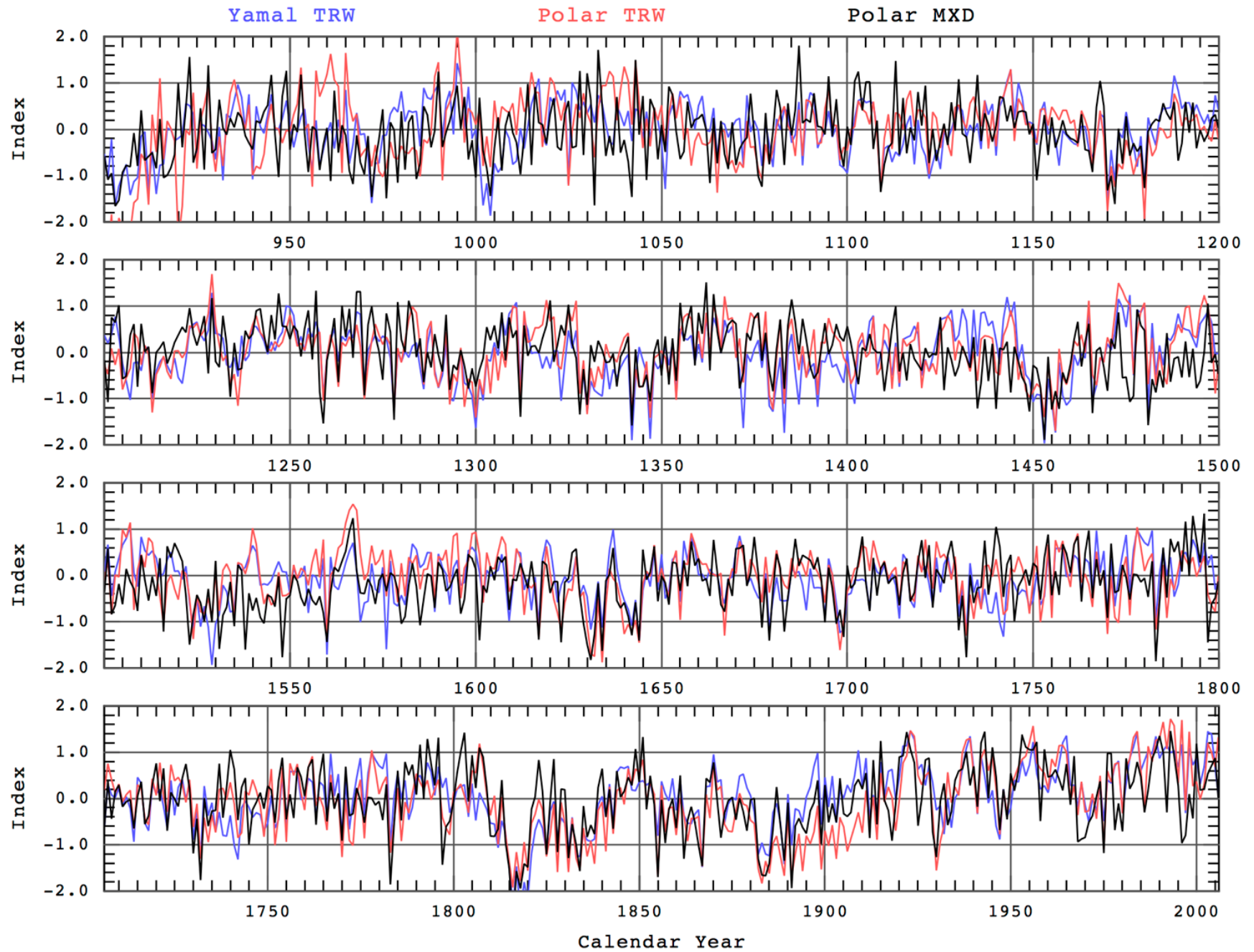
Published Fig. 7



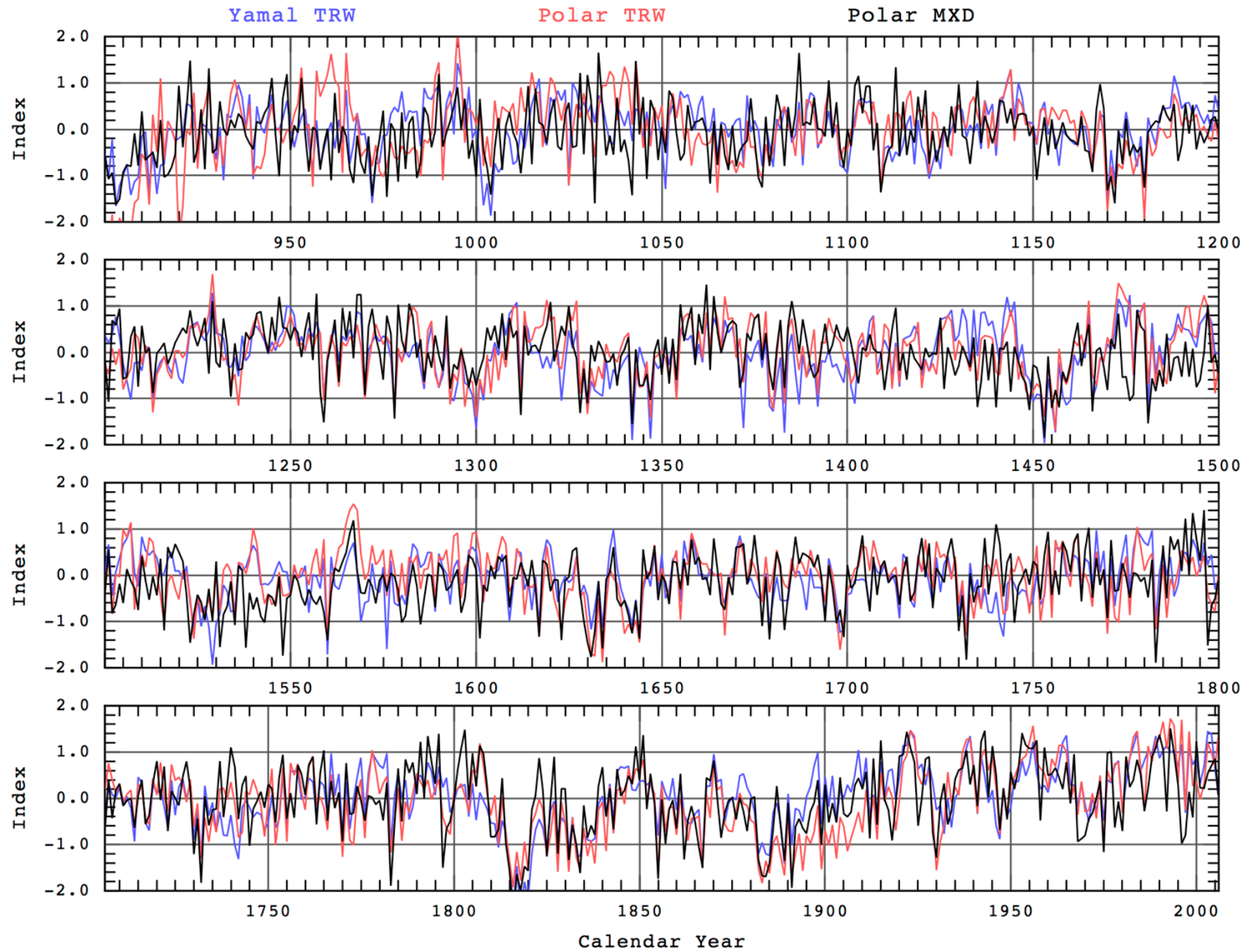
Corrected Fig. 7



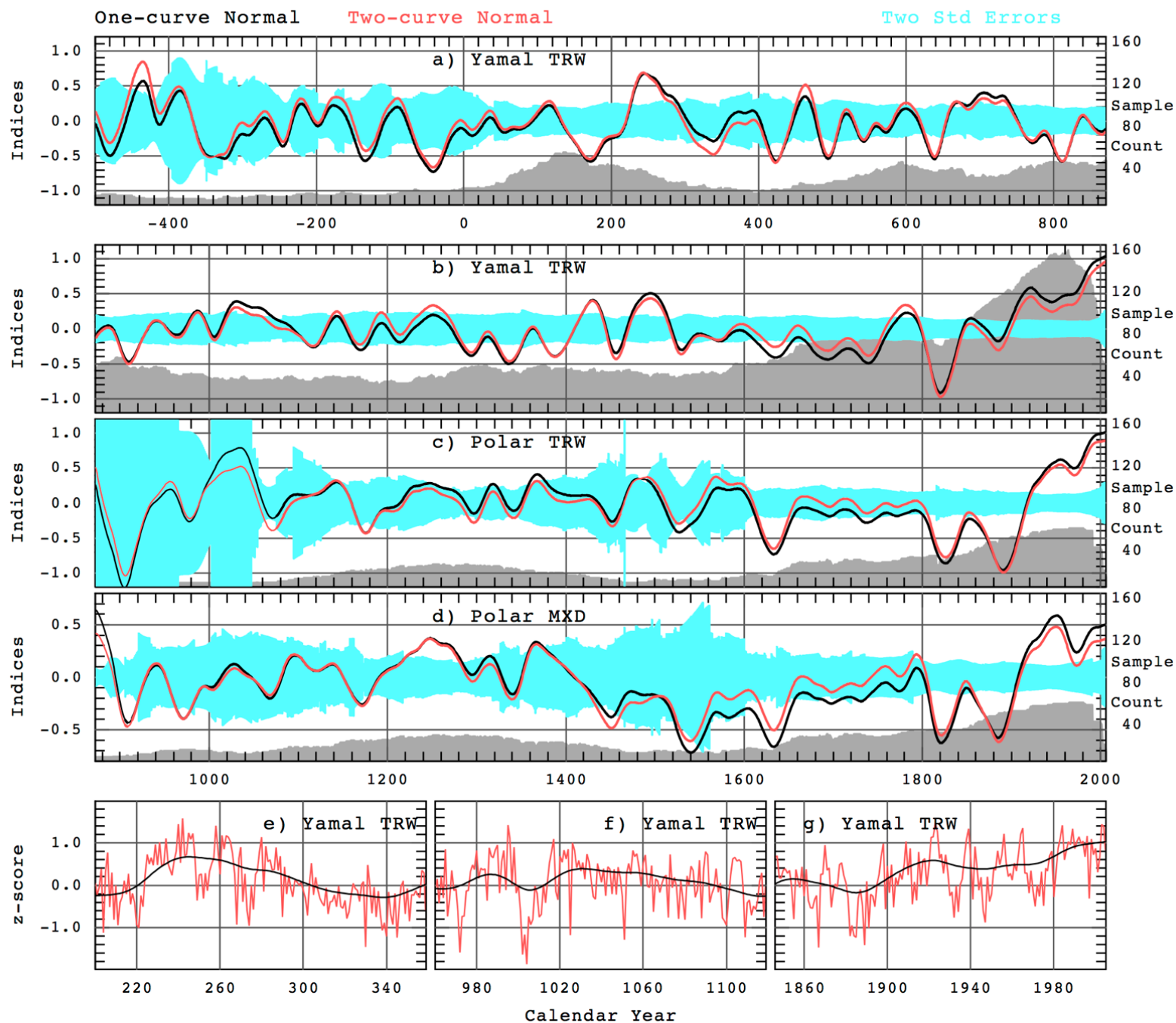
Published Fig. 8



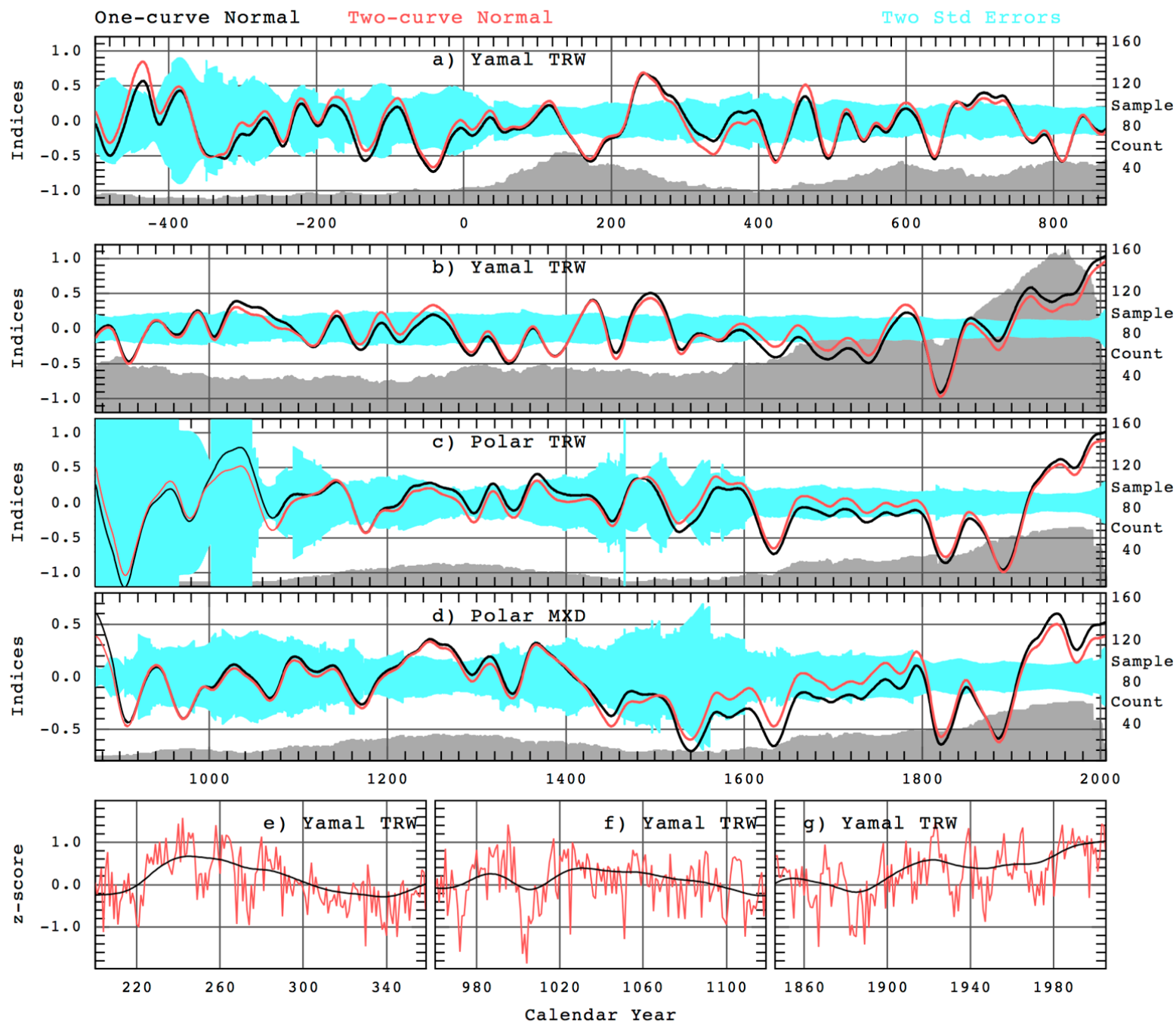
Corrected Fig. 8



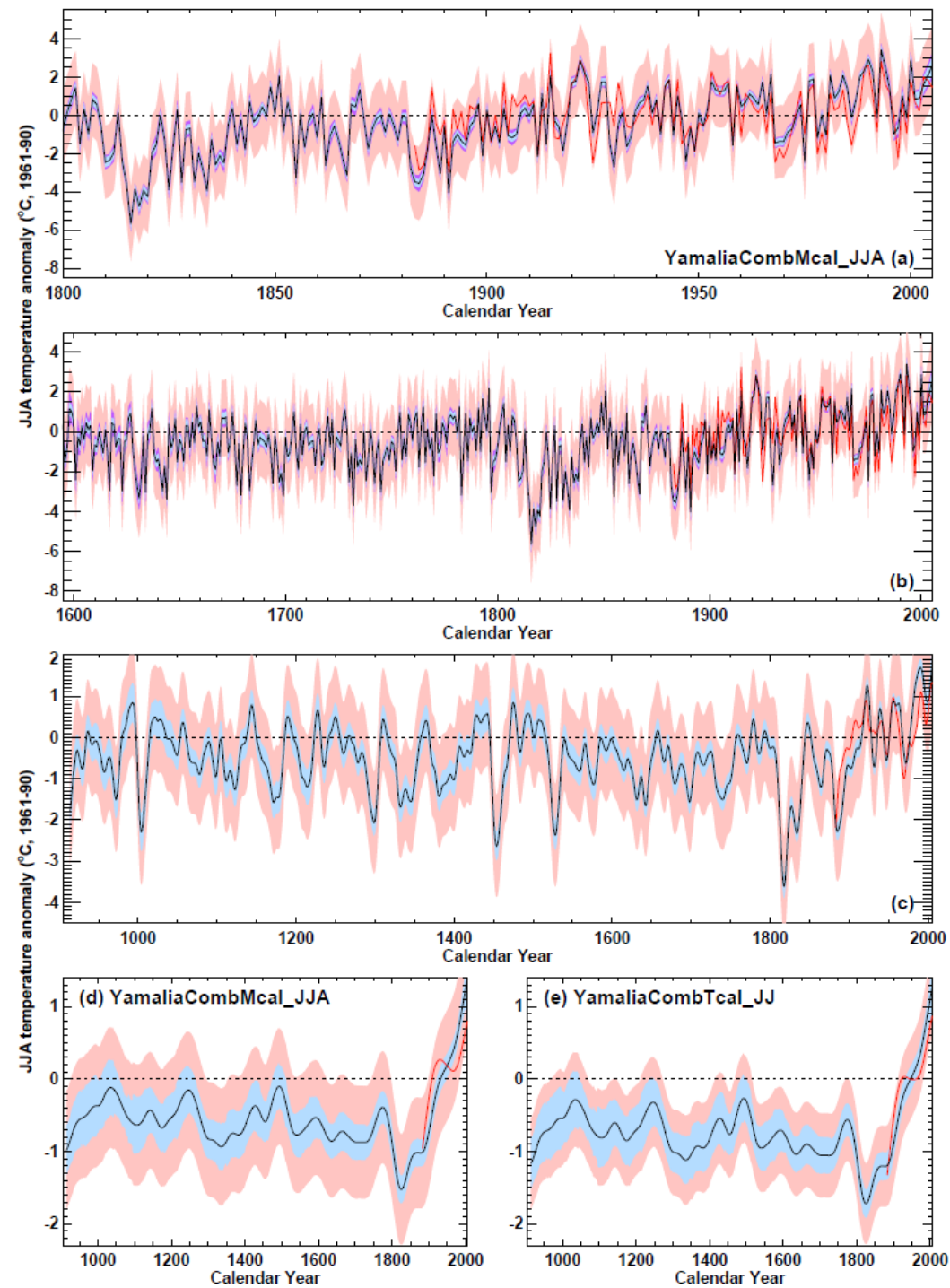
Published Fig. 9



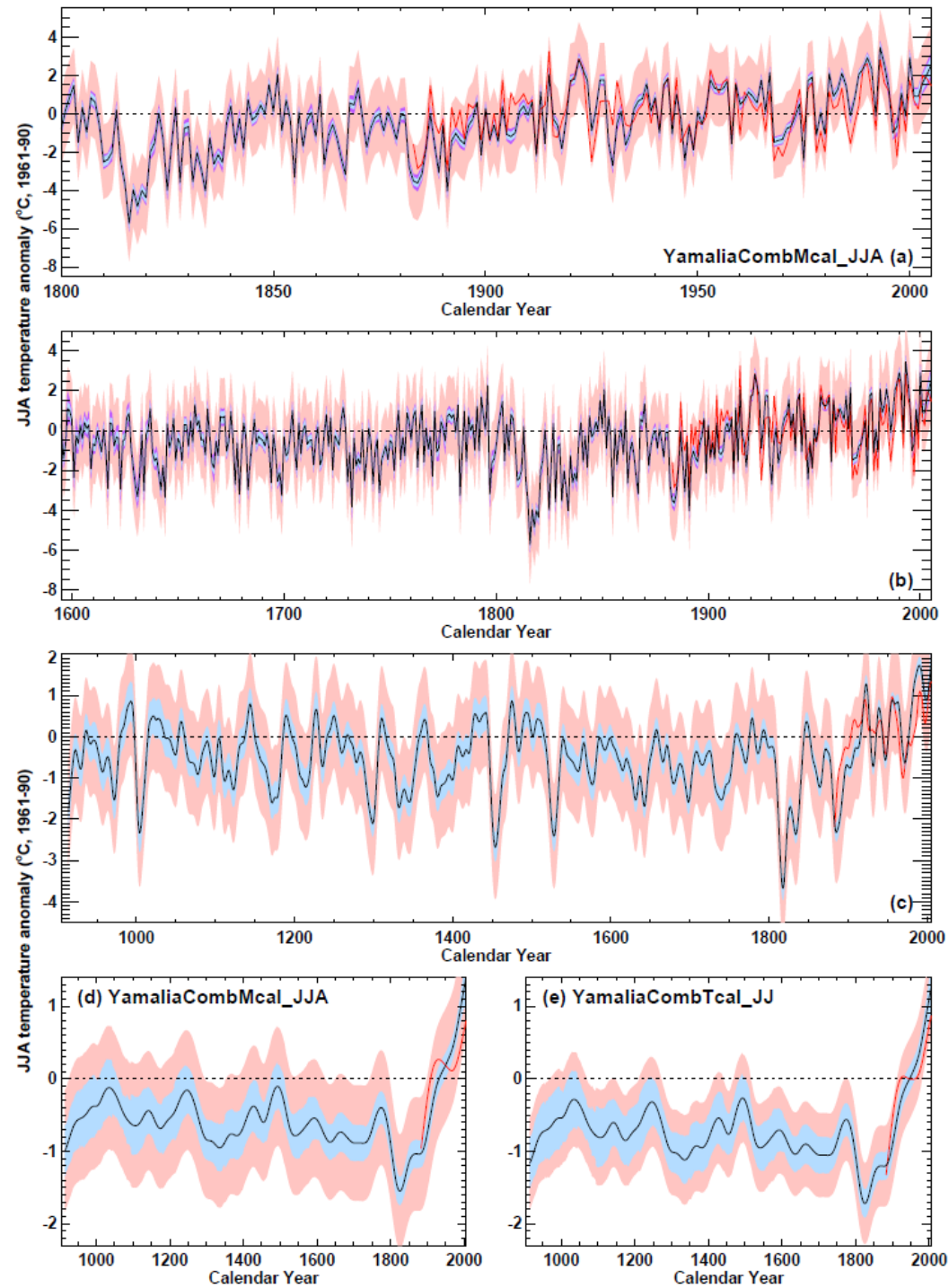
Corrected Fig. 9



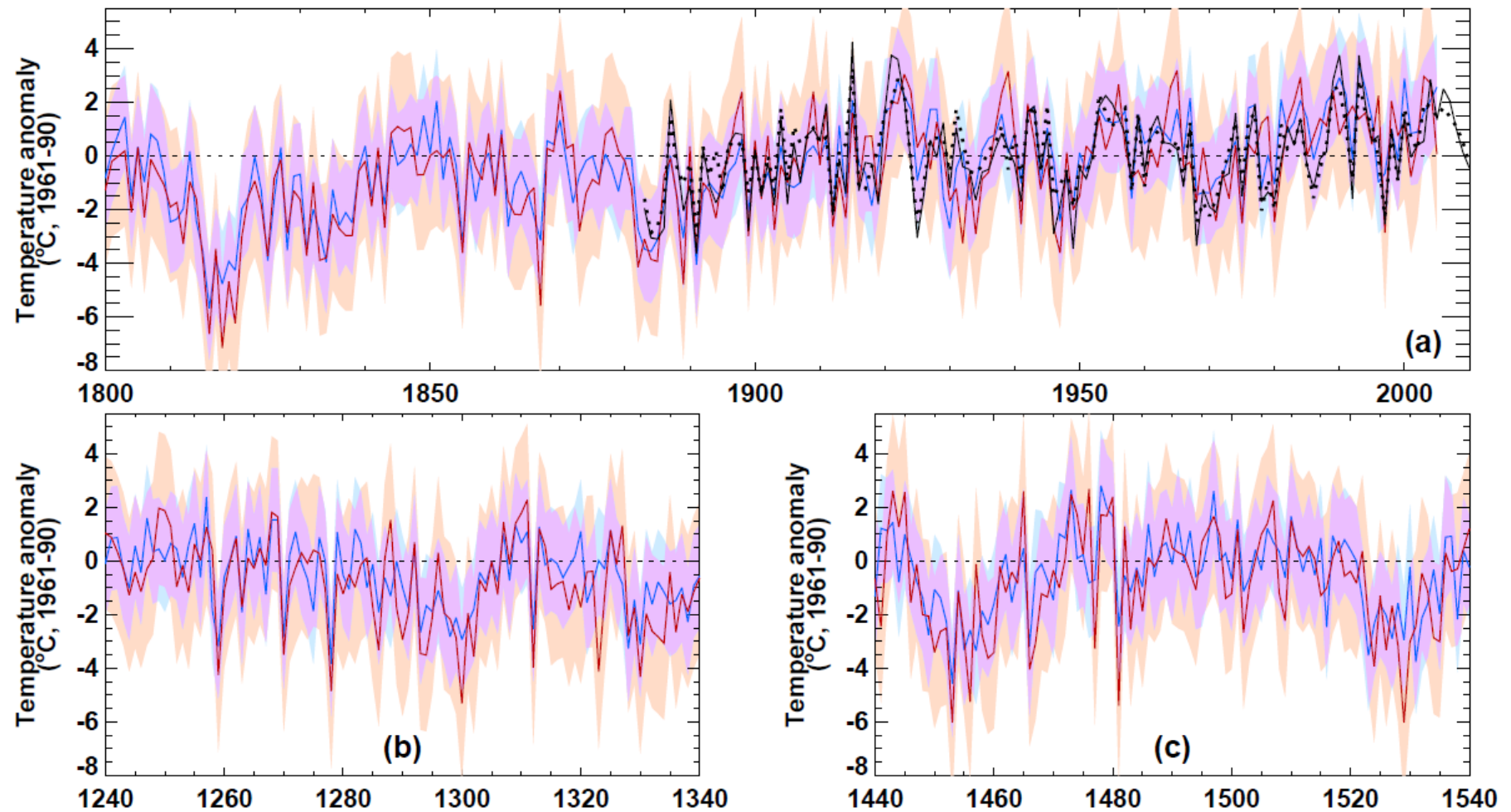
Published Fig. 12



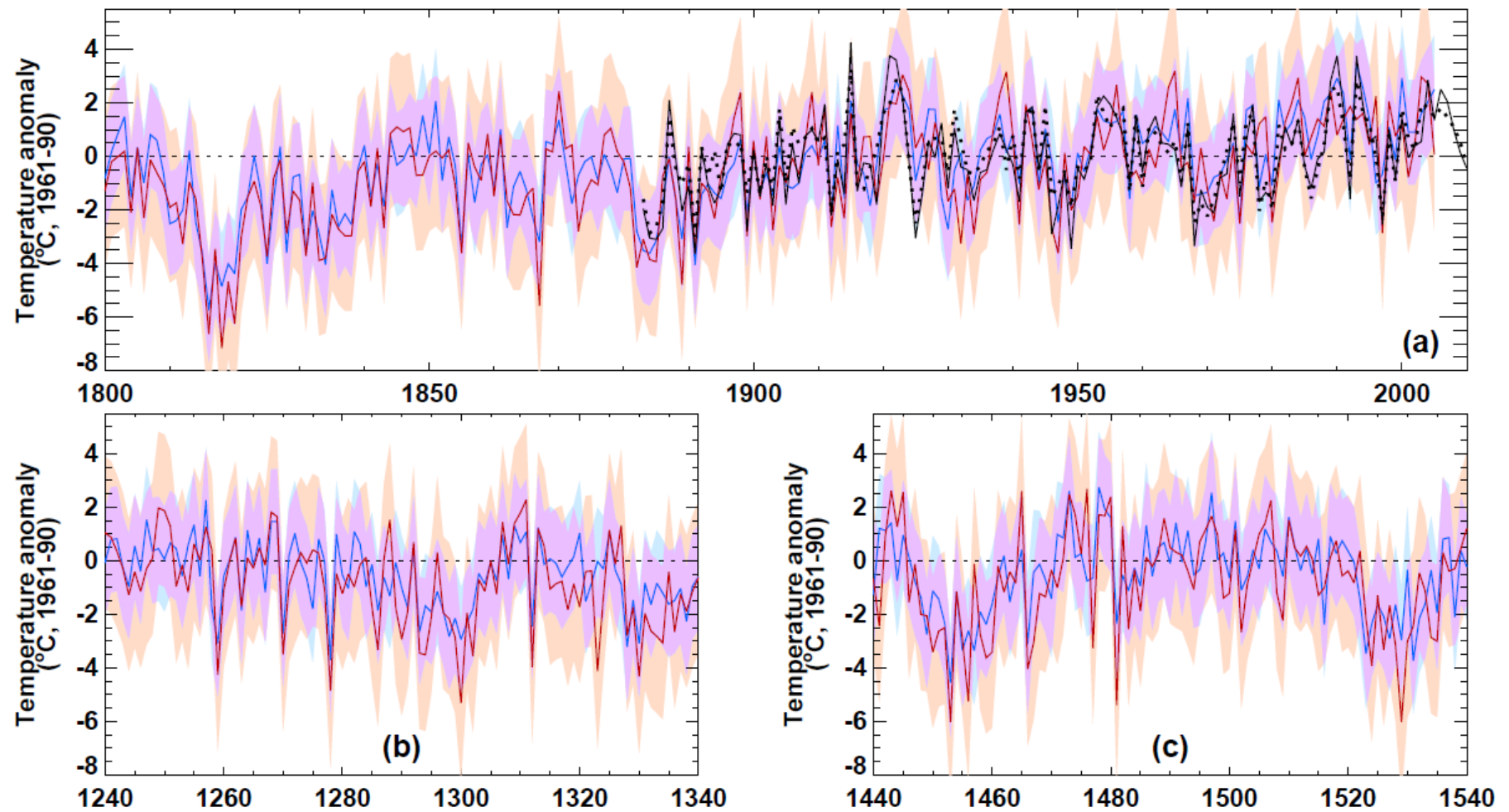
Corrected Fig. 12

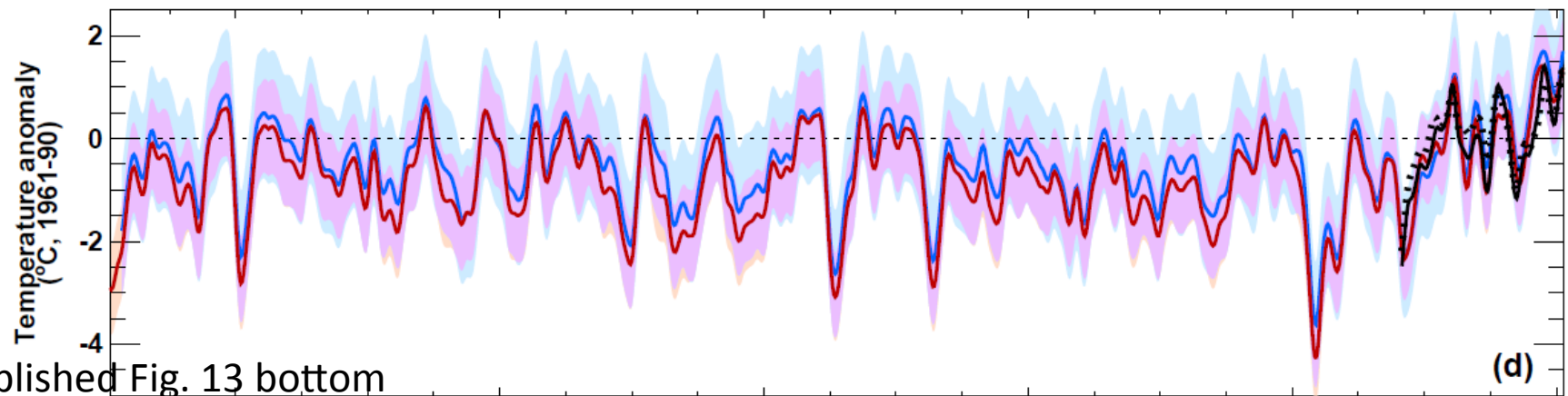


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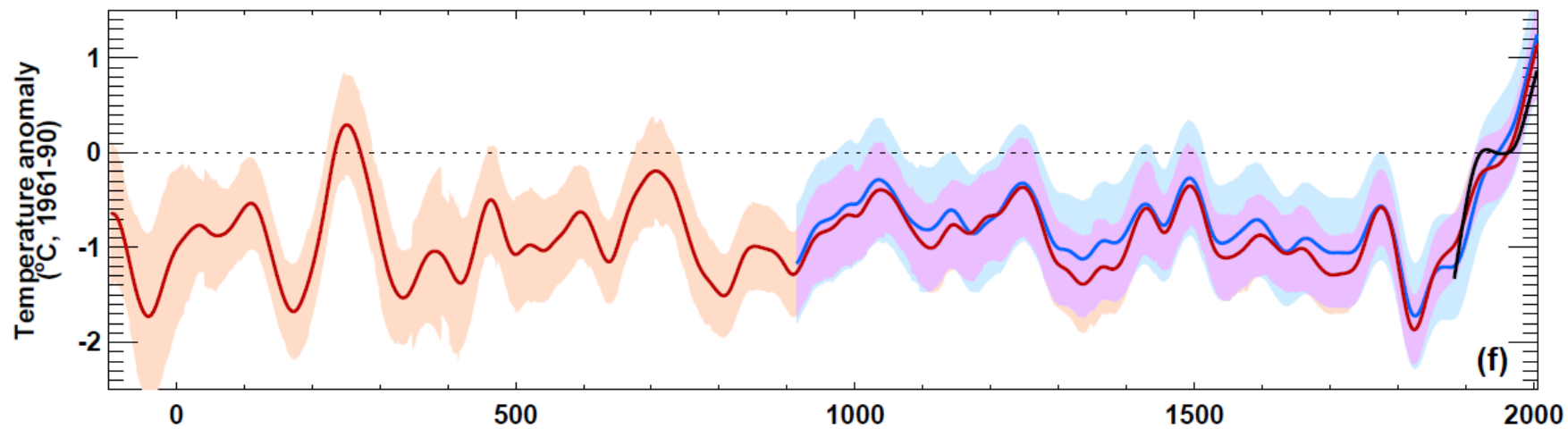
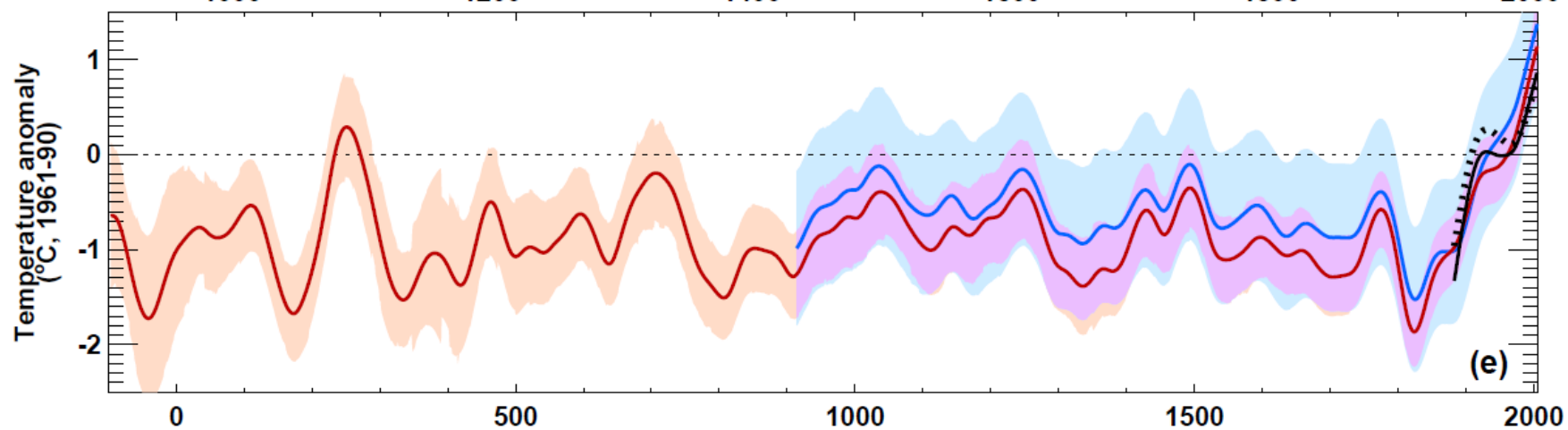


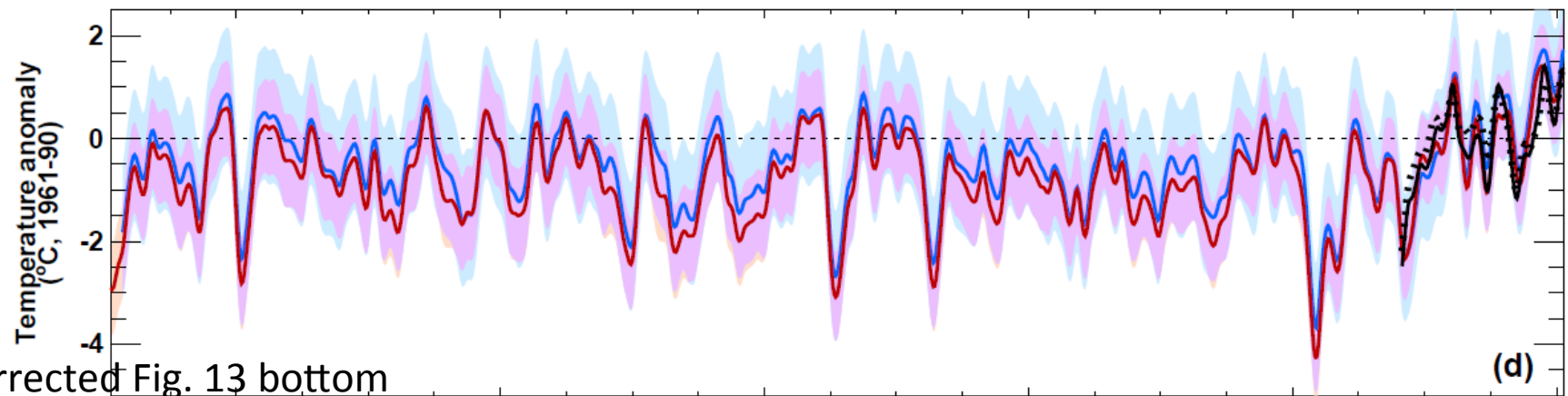
Corrected Fig. 13 top





Published Fig. 13 bottom





Corrected Fig. 13 bottom

