

	Annual (DJF)	10-year low pass	20-year low pass
Corr( $\text{NAO}_{\text{recon}}$ , HadCRU) 1824–1970	0.52 ( $p < 0.01$ )	0.68 ( $p < 0.01$ )	0.70 ( $p < 0.01$ )
Corr( $\text{NAO}_{\text{recon}}$ , $\text{NAO}_{20\text{CR}}$ ) 1851–1970	0.44 ( $p < 0.01$ )	0.44 ( $p < 0.01$ )	0.46 ( $p < 0.01$ )
Corr( $\text{SLP}_{\text{PC2-recon}}$ , $\text{SLP}_{\text{PC2-20CR}}$ ) 1851–1970	0.24 ( $p < 0.01$ )	0.53 ( $p < 0.01$ )	0.58 ( $p < 0.01$ )
Corr( $\text{SLP}_{\text{PC2-recon}}$ , $\text{SLP}_{\text{PC3-20CR}}$ ) 1851–1970	0.19 ( $p < 0.01$ )	0.57 ( $p < 0.01$ )	0.66 ( $p < 0.01$ )
Corr( $\text{SLP}_{\text{PC2-recon}}$ , $\text{SLP}_{\text{PC2+PC3-20CR}}$ ) 1851–1970	0.30 ( $p < 0.01$ )	0.67 ( $p < 0.01$ )	0.84 ( $p < 0.01$ )
Corr( $\text{NAO}_{\text{recon}}$ , Ortega et al. MC) 1241–1969	0.49 ( $p < 0.01$ )	0.43 ( $p < 0.01$ )	0.37 ( $p < 0.05$ )
Corr( $\text{NAO}_{\text{recon}}$ , Ortega et al. MC) 1241–1820	0.47 ( $p < 0.01$ )	0.36 ( $p < 0.05$ )	0.15 ( $p < 0.2$ )
Corr( $\text{NAO}_{\text{recon}}$ , Ortega et al. CC) 1241–1969	0.36 ( $p < 0.01$ )	0.35 ( $p < 0.01$ )	0.40 ( $p < 0.01$ )
Corr( $\text{NAO}_{\text{recon}}$ , Ortega et al. CC) 1241–1820	0.29 ( $p < 0.01$ )	0.21 ( $p < 0.05$ )	0.12 ( $p < 0.2$ )
Corr( $\text{NAO}_{\text{recon}}$ , Luterbacher) 1659–1970	0.34 ( $p < 0.01$ )	0.39 ( $p < 0.01$ )	0.40 ( $p < 0.01$ )