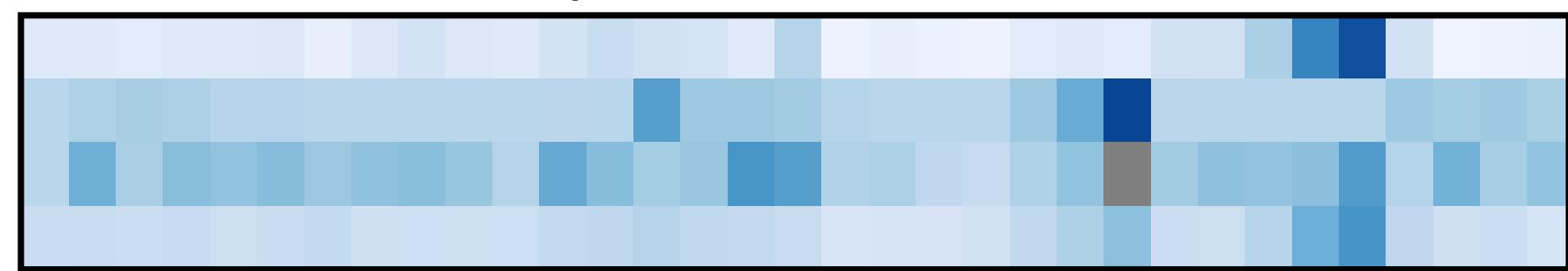


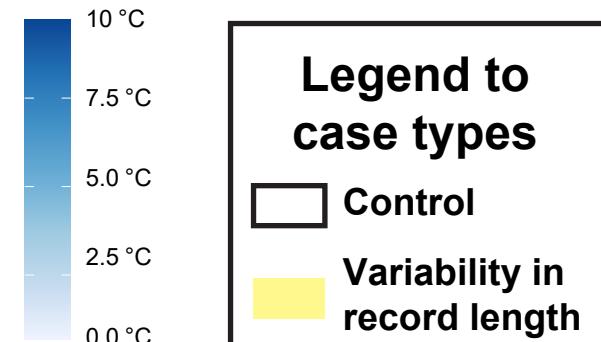
(a)

Precision of Mean Annual Temperature reconstructions

$\delta^{18}\text{O}$
smoothing
binning
optimization



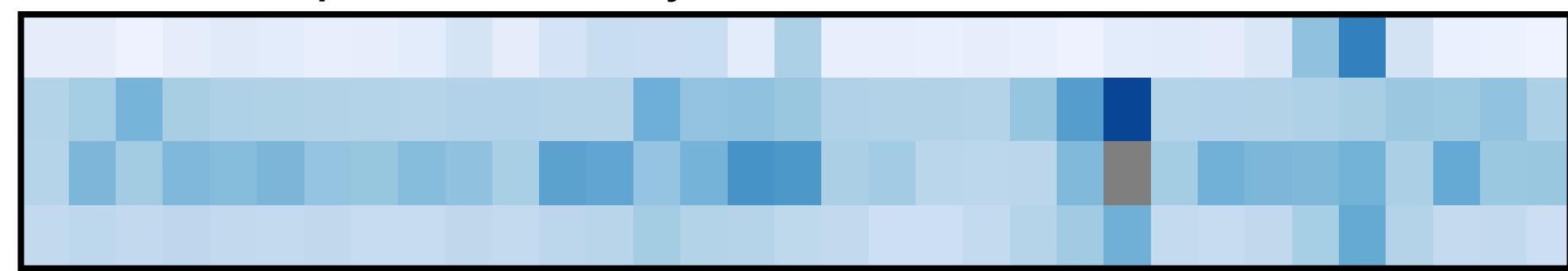
LEGEND



(b)

Precision of temperature seasonality reconstructions

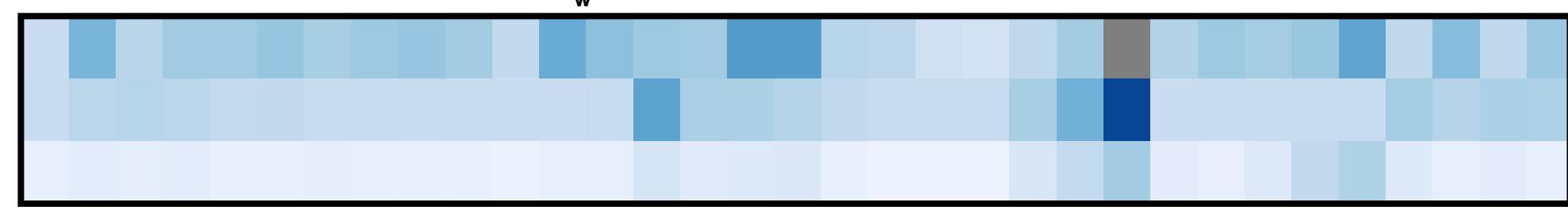
$\delta^{18}\text{O}$
smoothing
binning
optimization



(c)

Precision of Mean Annual $\delta^{18}\text{O}_w$ reconstructions

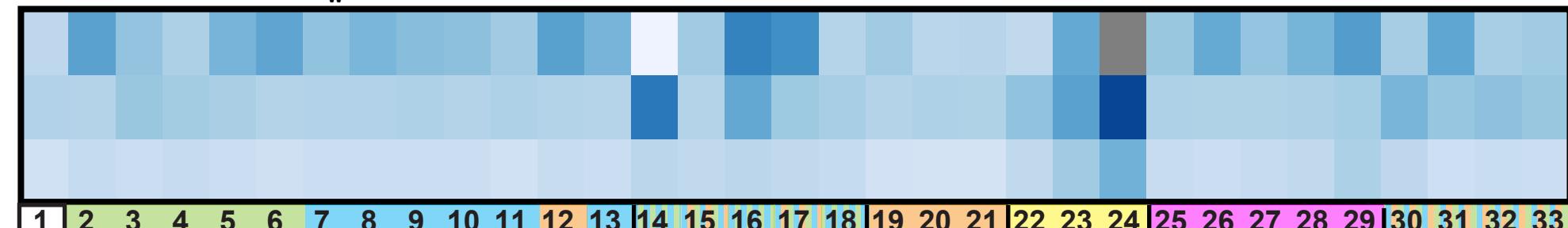
binning
smoothing
optimization



(d)

Precision of $\delta^{18}\text{O}_w$ seasonality reconstructions

binning
smoothing
optimization



Case #

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33

Sensitivity cases

Natural cases

Varying record length

Varying age model uncertainty

Real SST/SSS data