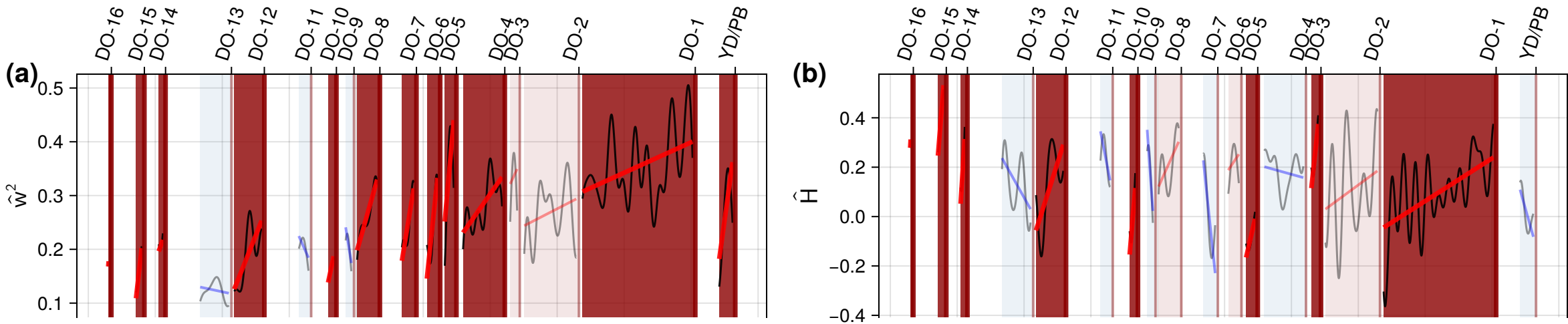
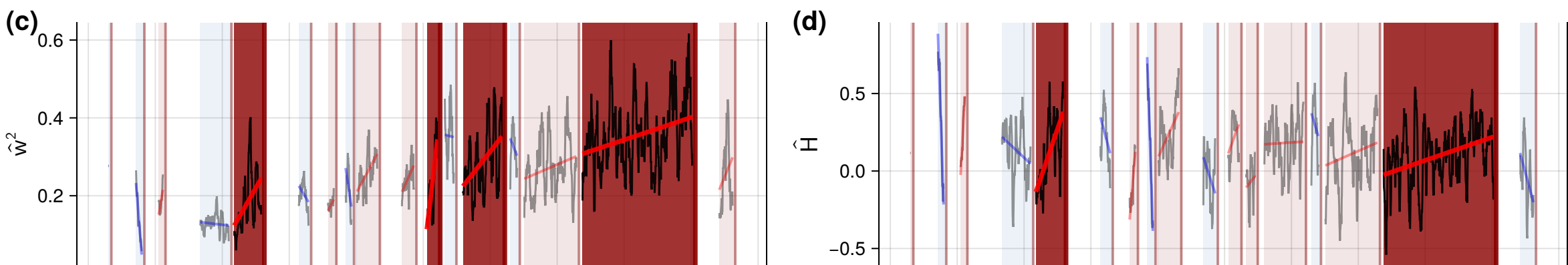


# EWS in (10-50) year band of NGRIP record with 5-year resolution

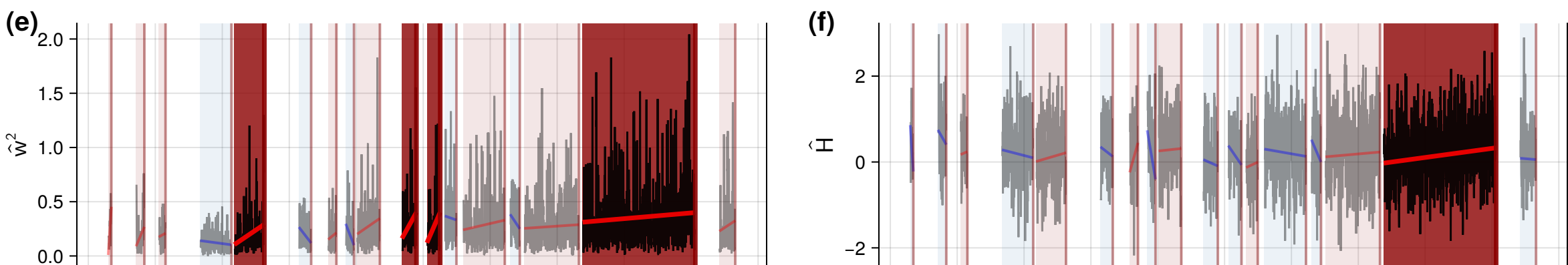
Boers, 2018 :  $n_{\hat{w}^2} = 12$ ,  $n_{\hat{H}} = 8$ ,  $n_{\text{both}} = 7$



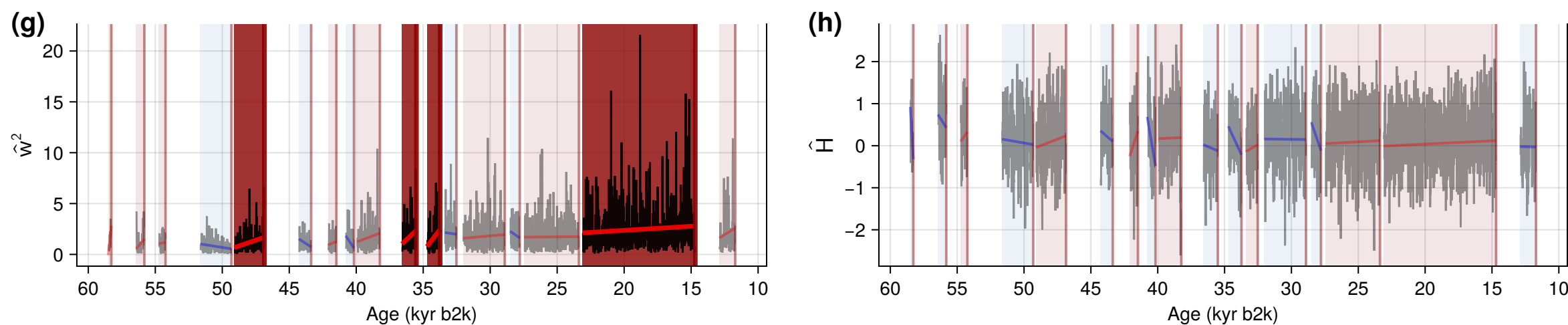
Modified significance testing (Step 1) :  $n_{\hat{w}^2} = 4$ ,  $n_{\hat{H}} = 2$ ,  $n_{\text{both}} = 2$



Modified EWS calculation (Step 2b) :  $n_{\hat{w}^2} = 4$ ,  $n_{\hat{H}} = 1$ ,  $n_{\text{both}} = 1$



Modified data preprocessing (Step 3) :  $n_{\hat{w}^2} = 4$ ,  $n_{\hat{H}} = 0$ ,  $n_{\text{both}} = 0$



— EWS indicator    — increasing    — decreasing    — significantly increasing ( $p < 0.05$ )