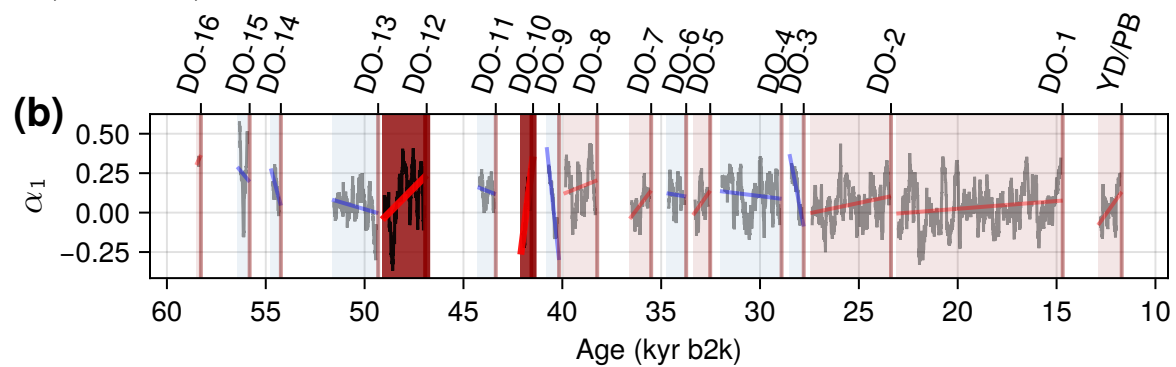
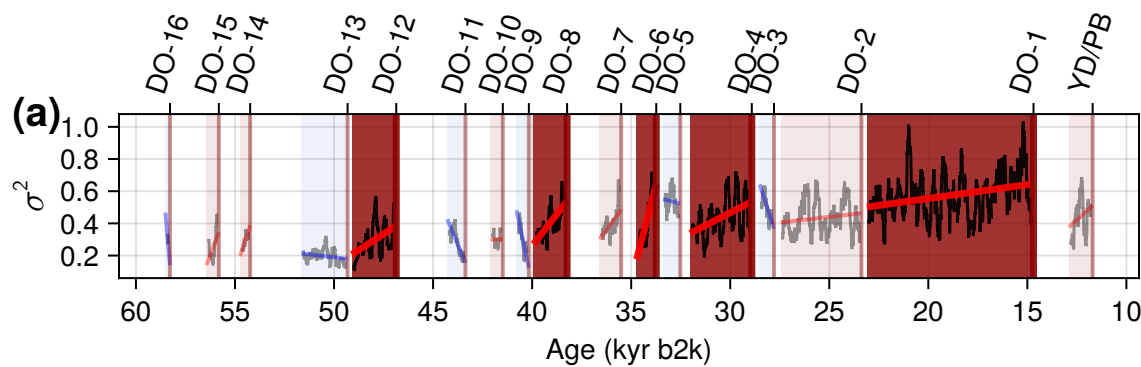


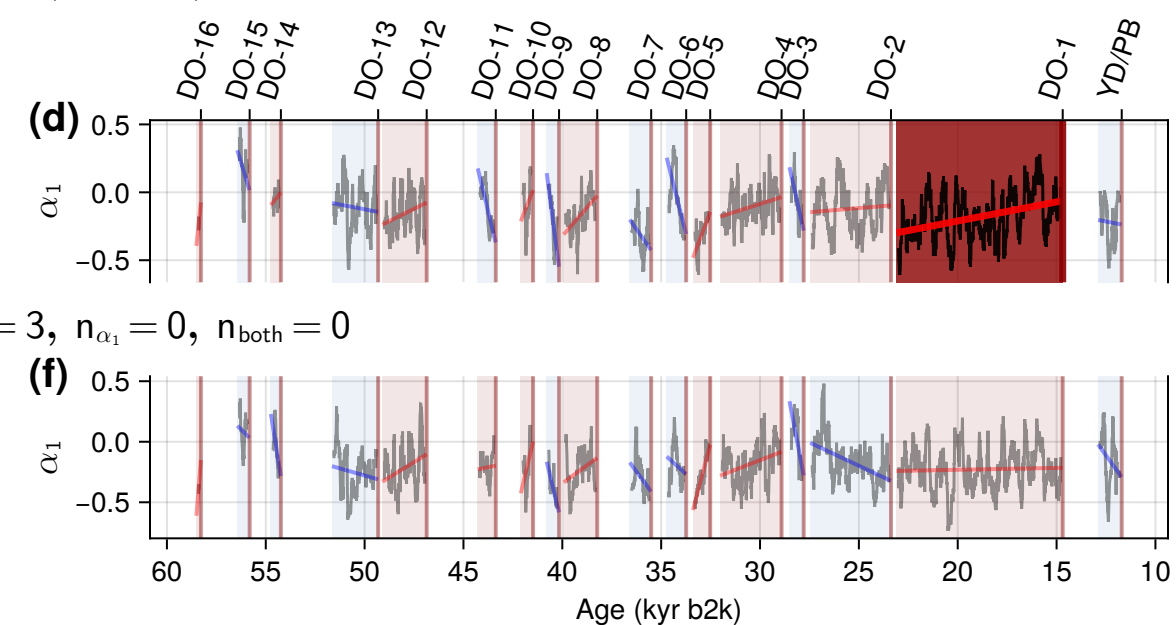
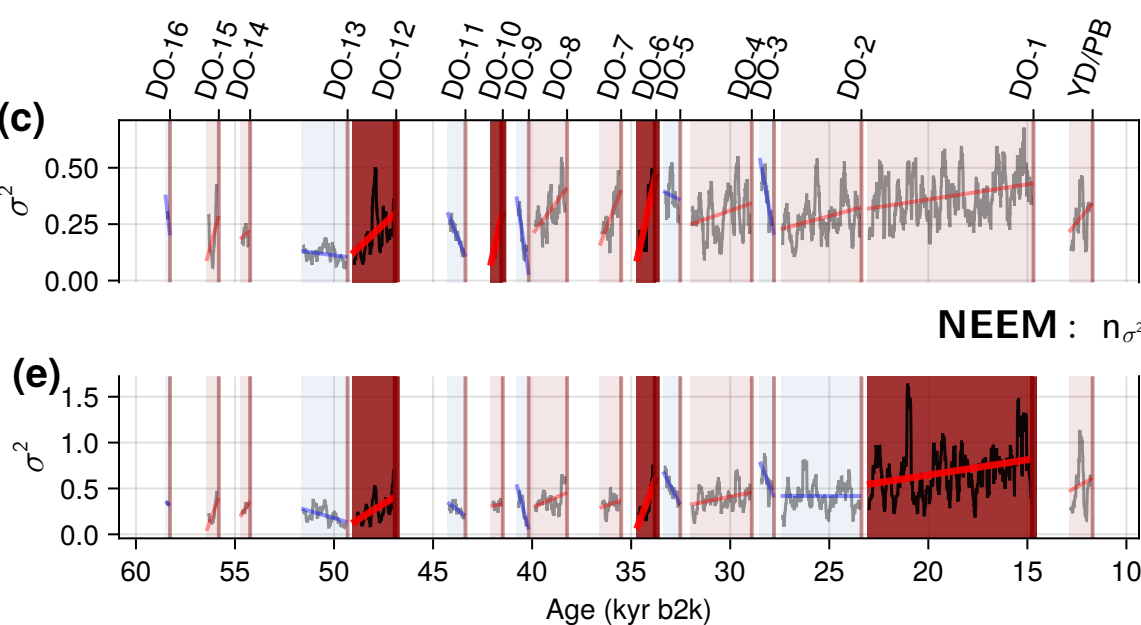
EWS in 100-year high-pass filtered records with 5-year resolution

NGRIP : $n_{\sigma^2} = 5$, $n_{\alpha_1} = 2$, $n_{\text{both}} = 1$



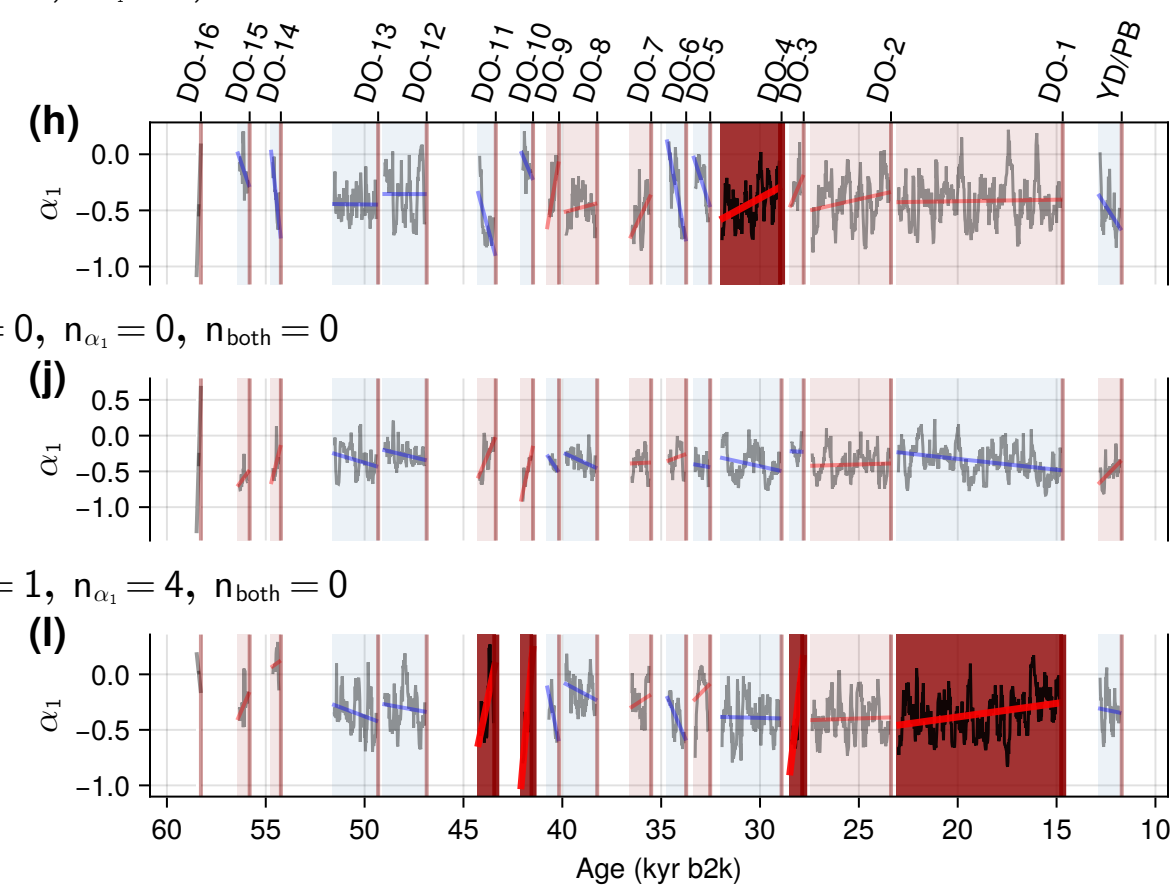
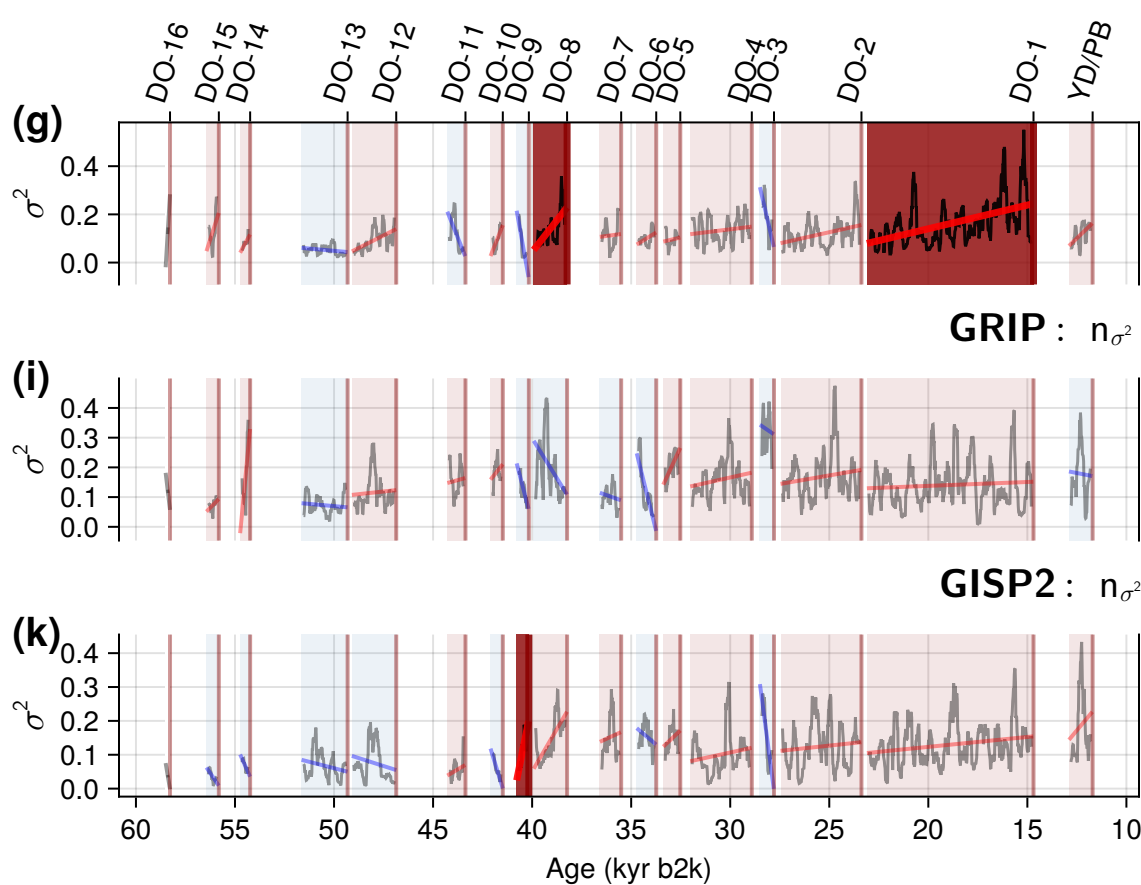
EWS in 100-year high-pass filtered records with 10-year resolution

NGRIP : $n_{\sigma^2} = 3$, $n_{\alpha_1} = 1$, $n_{\text{both}} = 0$



EWS in 100-year high-pass filtered records with 20-year resolution

NGRIP : $n_{\sigma^2} = 2$, $n_{\alpha_1} = 1$, $n_{\text{both}} = 0$



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