7th-order polynomial 3rd-order surface topography H_{topo} Seasonal term $H(t_i)_{seasonal}$

Estimate CryoSat-2 time series at point *i* using:

 $H(t_i) = H(t_i)_{poly} + H_{topo} + H(t_i)_{seasonal,cryo}$

Remove Seasonal term $H(t_i)_{seasonal,cryo}$ estimated from CryoSat-2 data

 $H(t_i) = H(t_i)_{poly} + H_{topo}$

Add Seasonal term $H(t_i)_{seasonal,ice1/ice2}$ estimated from ICEsat and ICEsat-2 data

 $H(t_i) = H(t_i)_{poly} + H_{topo} + H(t_i)_{seasonal,ice/ice2}$