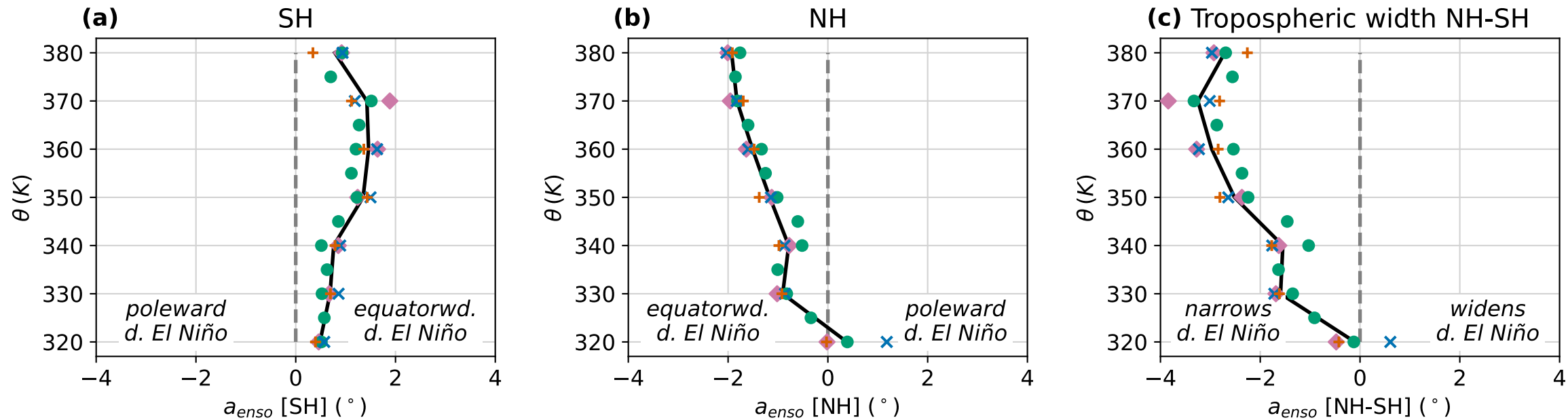


## ENSO variability amplitude of PVG tropopause latitude $\phi^{TP}$



## ENSO variability amplitude of PV at the PVG tropopause $PV^{TP}$

