Correlation maps for $r[\Delta TAS, \Delta \phi]$ CanESM5 UKESM1-0-LL 90_T Reference Latitude (° N) 25 99 25 00 25 88 28 MPI-ESM1-2-HR CNRM-CM6-1 90 Reference Latitude (° N) 50 -20 _[.]5 **–**5 -1010 15 20-20 -15-1010 15 -150 20 Lead time of $\Delta \phi$ (Years) Lead time of $\Delta \phi$ (Years)

-0.75

-1.00

-0.50

-0.25

0.00

0.25

0.75

1.00

0.50