Changing effects of external forcing on Atlantic-Pacific interactions

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1 Supplementary Matrial

Table S1. Directing unoriented contemporaneous links based on most detected direction within a specific run among the 10 simulations of the CESM2 pacemaker ensemble (Fig. 7).

Unoriented Links	Instances	Direction	Ruling
PNA—NAO	Fig. 5d	**NAO$\longrightarrow$PNA**	Most detected direction for "1985-2014 minus MEM" regime
Niño3.4—PNA	Fig. 5d	**Niño3.4$\longrightarrow$PNA**	Based on the 1-season lagged instances in all regimes
Niño3.4—PWC$_u$	P1 and P2 in Fig. 8b	**PWC$_u$$\longrightarrow$Niño3.4**	Most detected direction in all regimes

Atlantic-driven period (1986-2014)

a)

OBS   **b)**   OBS minus MEM
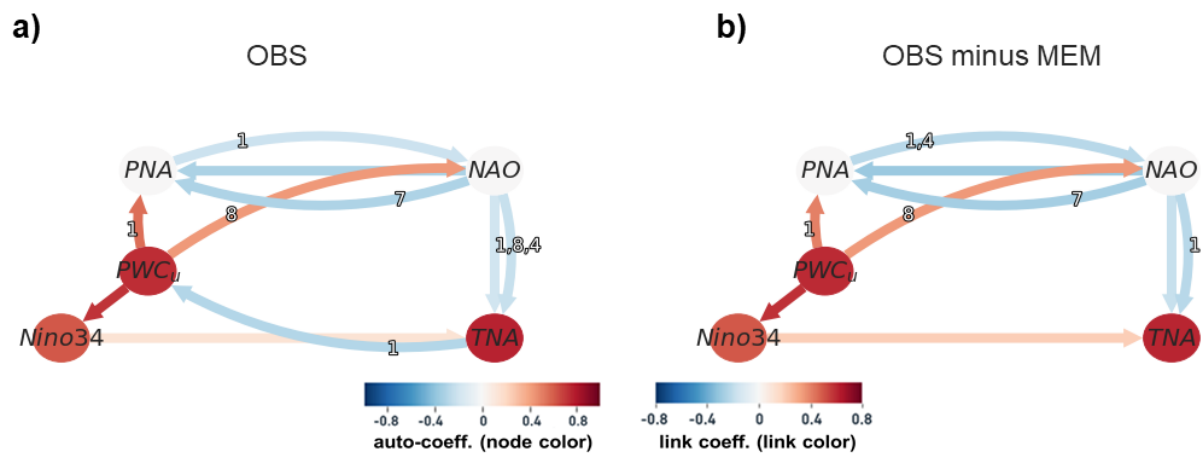
Figure S1. Atlantic-driven regime starting in 1986 (instead of 1985) shows vanishing TNA$\longrightarrow$PWC$_u$ link when MEM is subtracted.

a) Similar to Fig. 5b but for 1986-2014. b) Similar to Fig. 5d but for 1986-2014 period