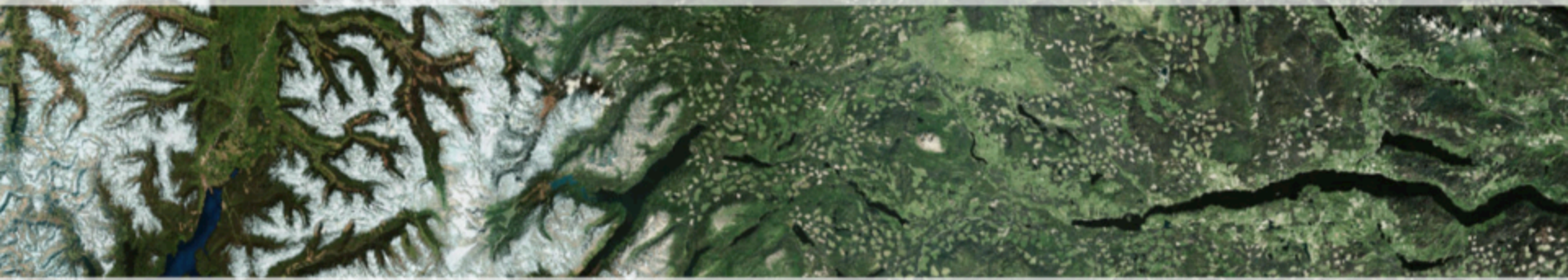
Intensified departures from natural variability in coupled climate variables



8th GEWEX Open Science Conference: Extremes and Water on the Edge
May 8th, 2018

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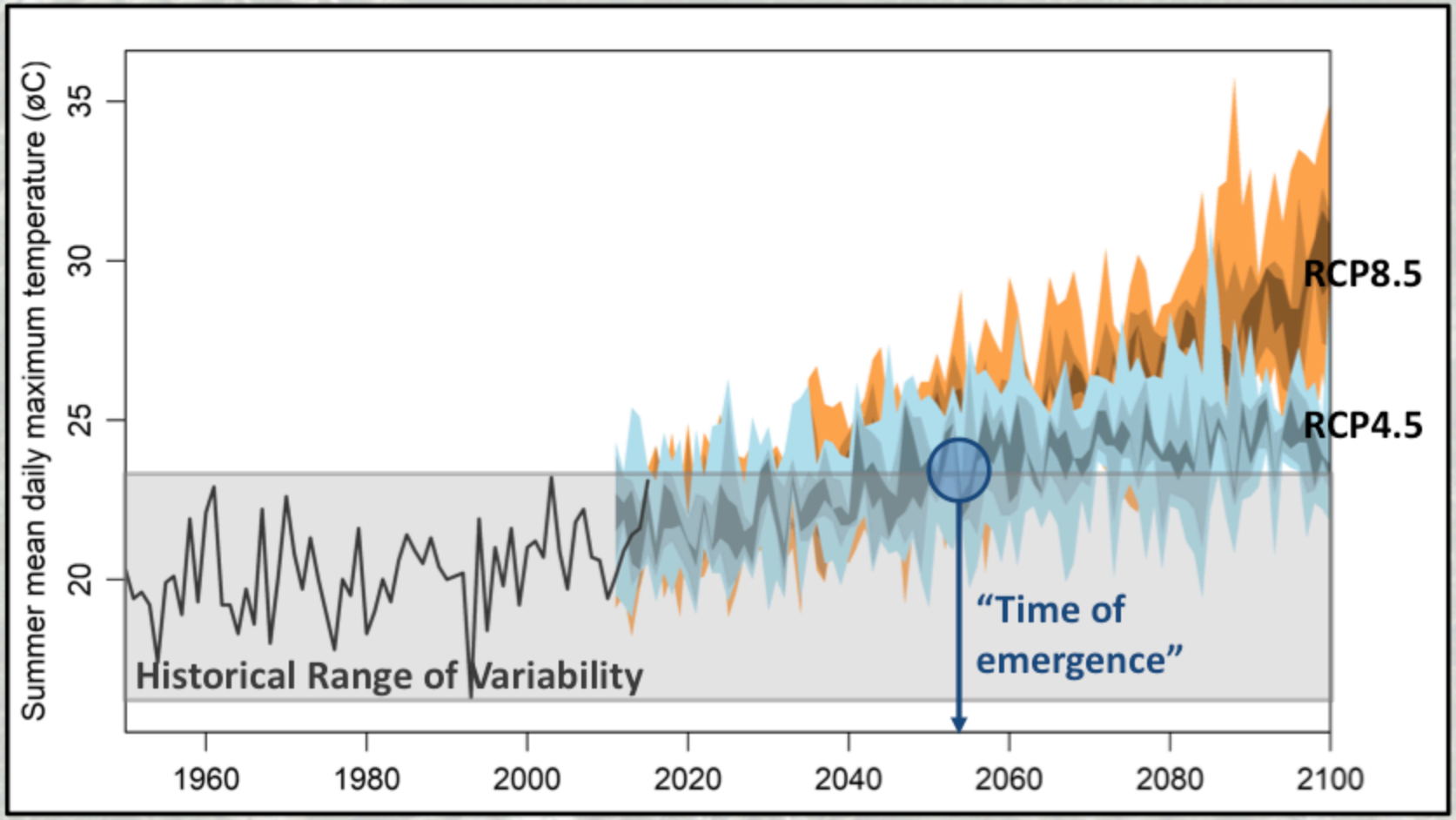
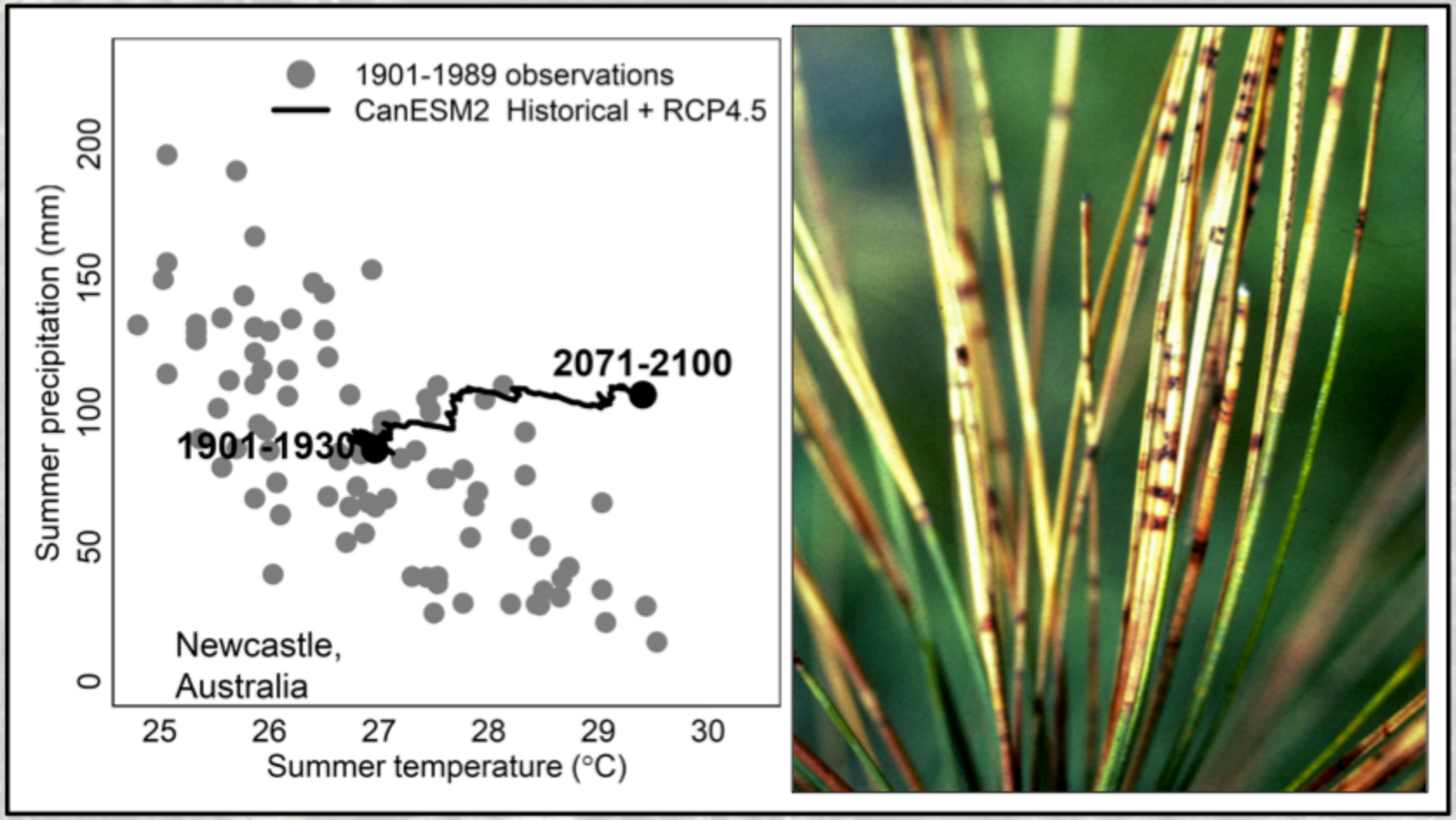
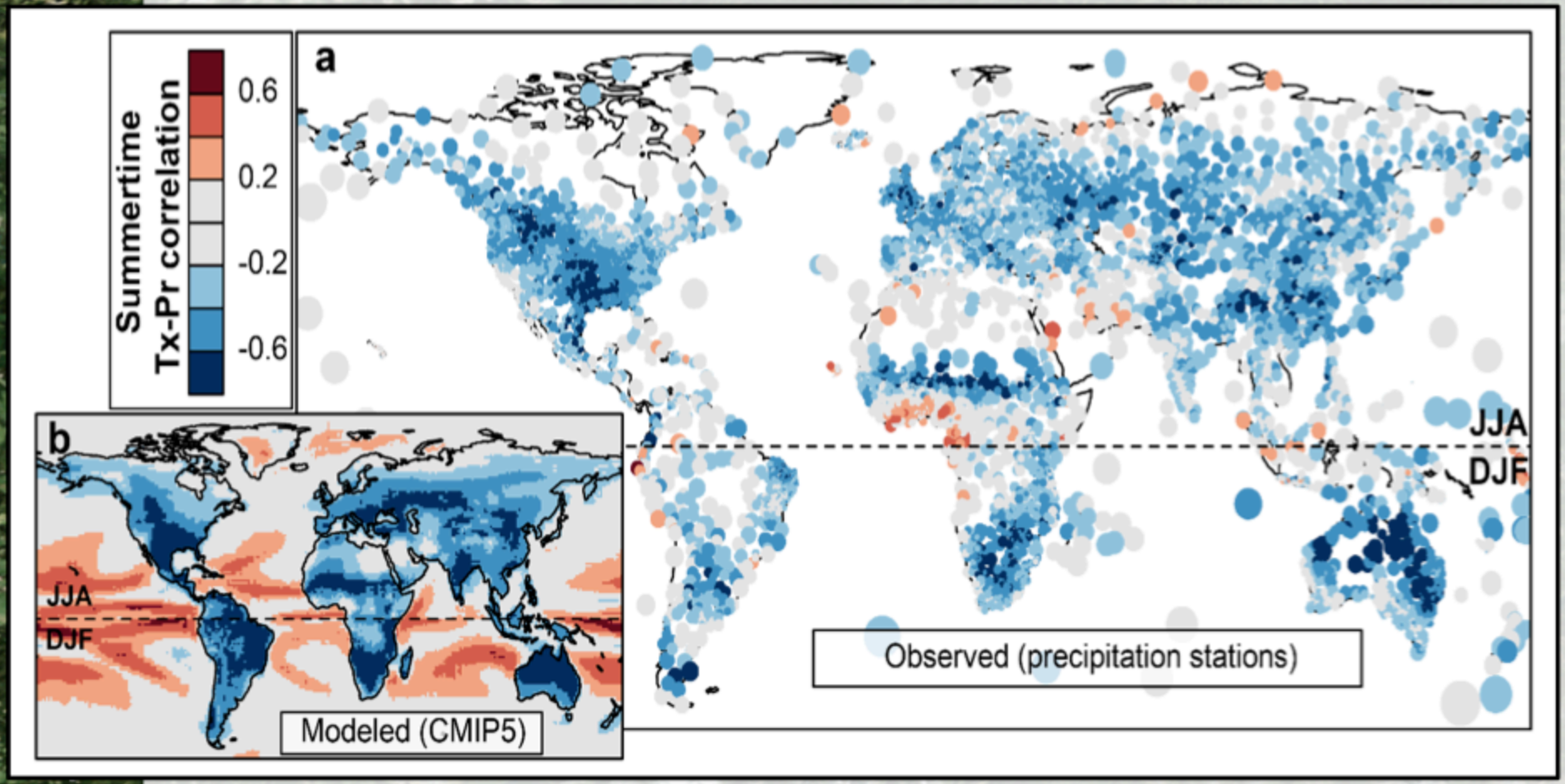
Departures from historical/natural climatic variability



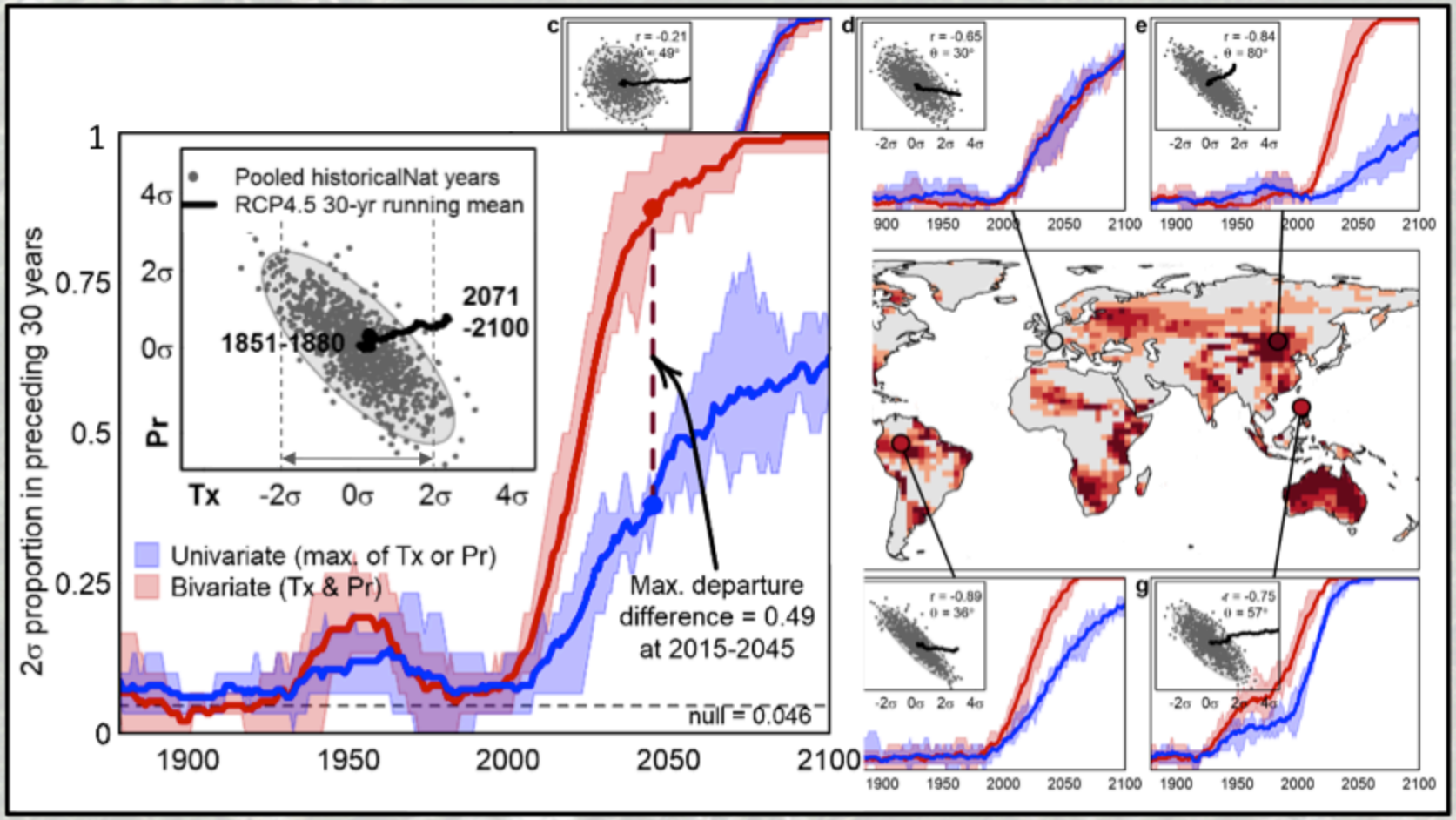
Multivariate departures from historical variability



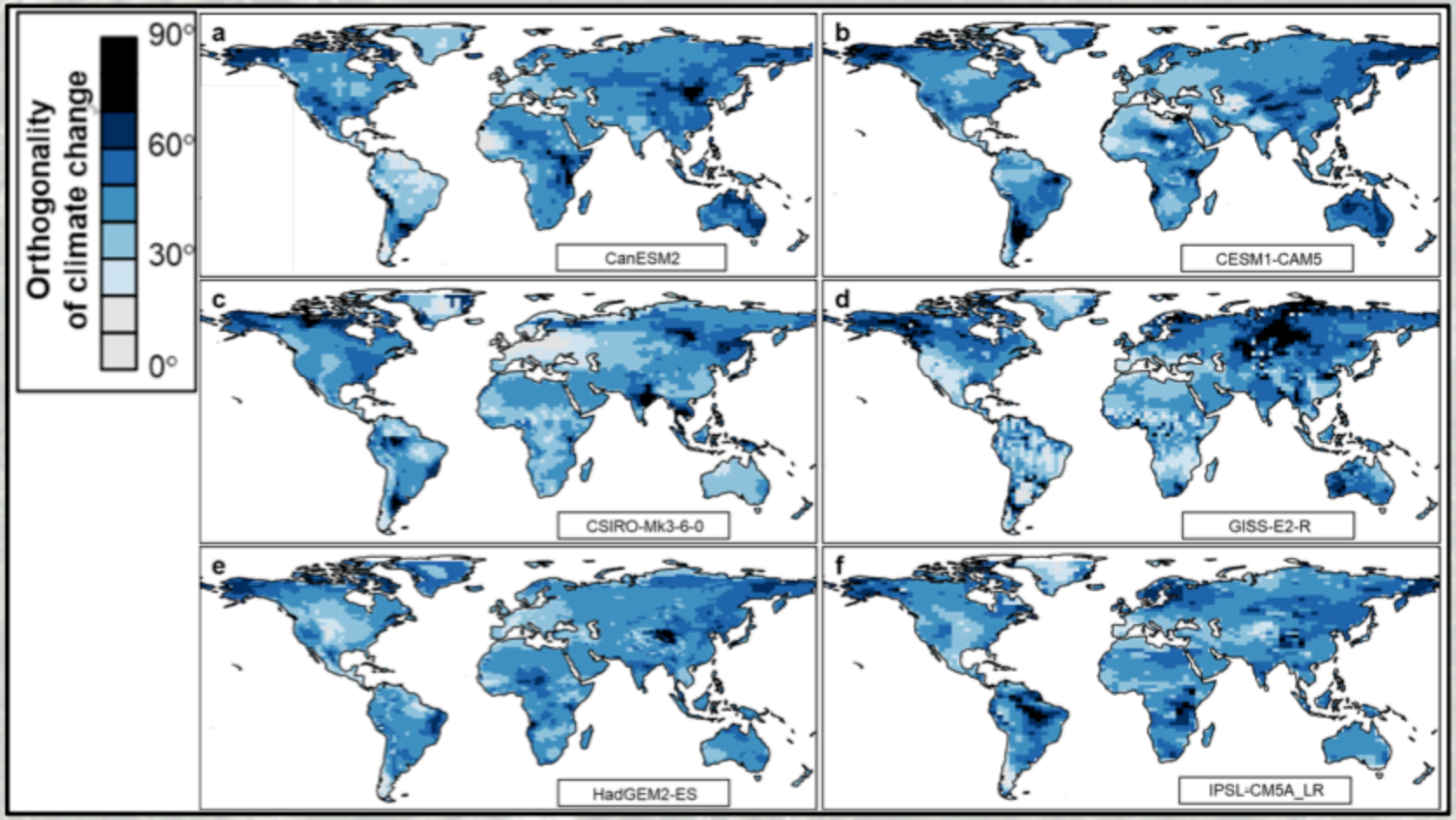
Correlation between summer precipitation and daytime temperature



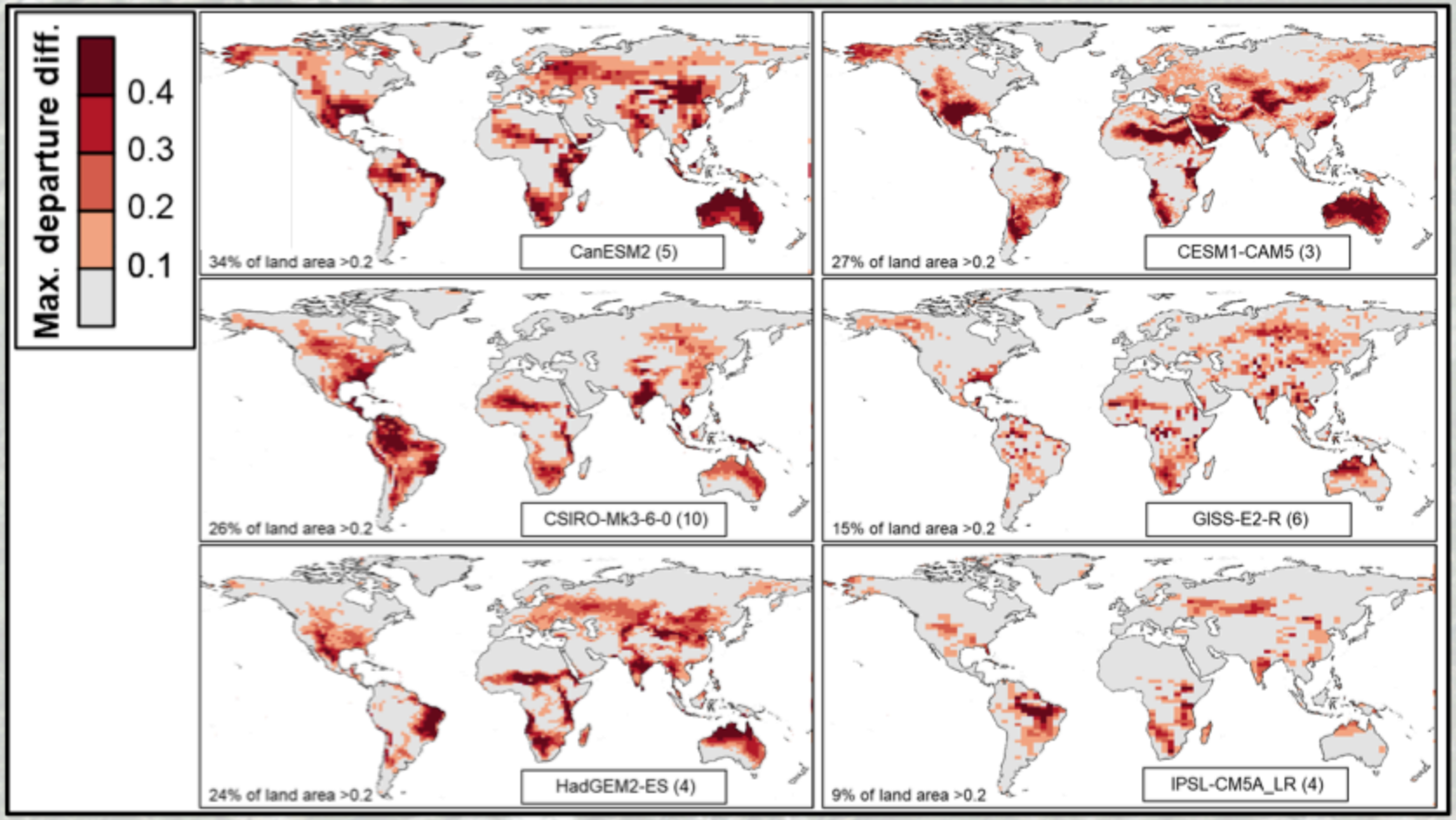
Departure intensification in CanESM2 (RCP4.5)



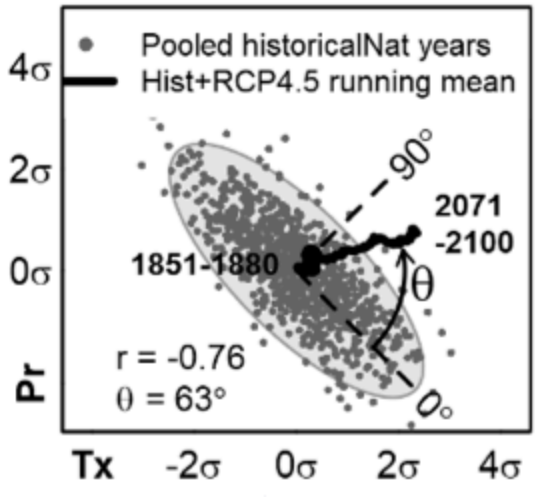
Orthogonality of climate change in CMIP5 model projections (RCP4.5)

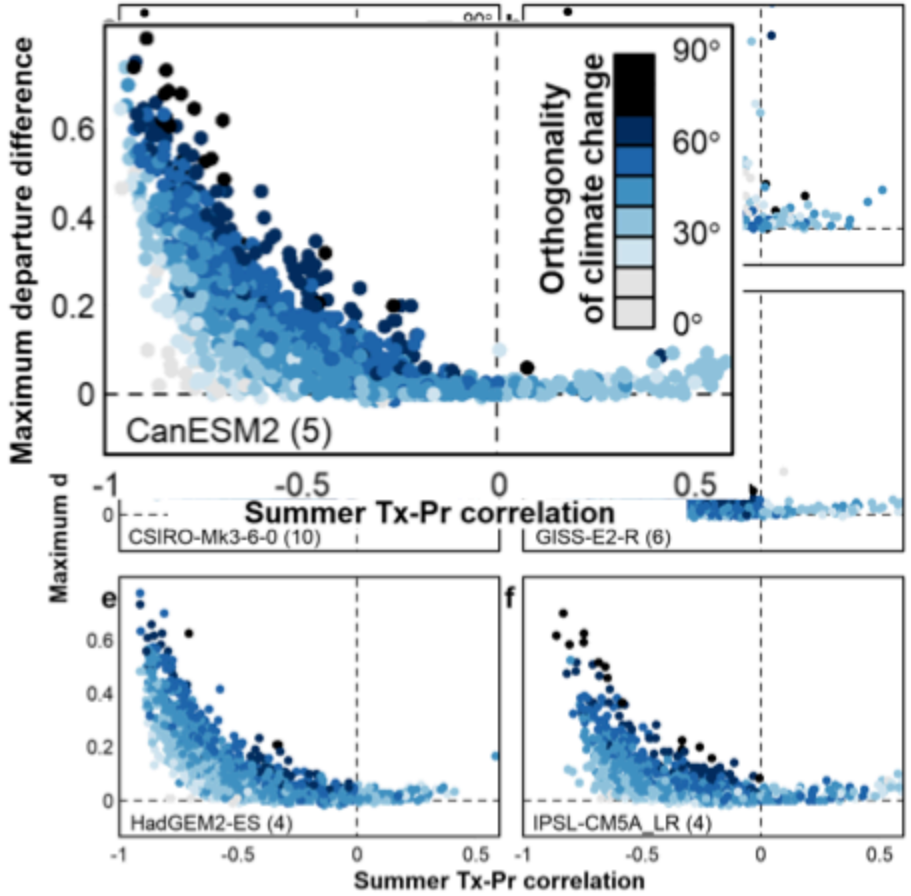


Departure intensification in CMIP5 model runs (RCP4.5)



Thresholds for departure intensification





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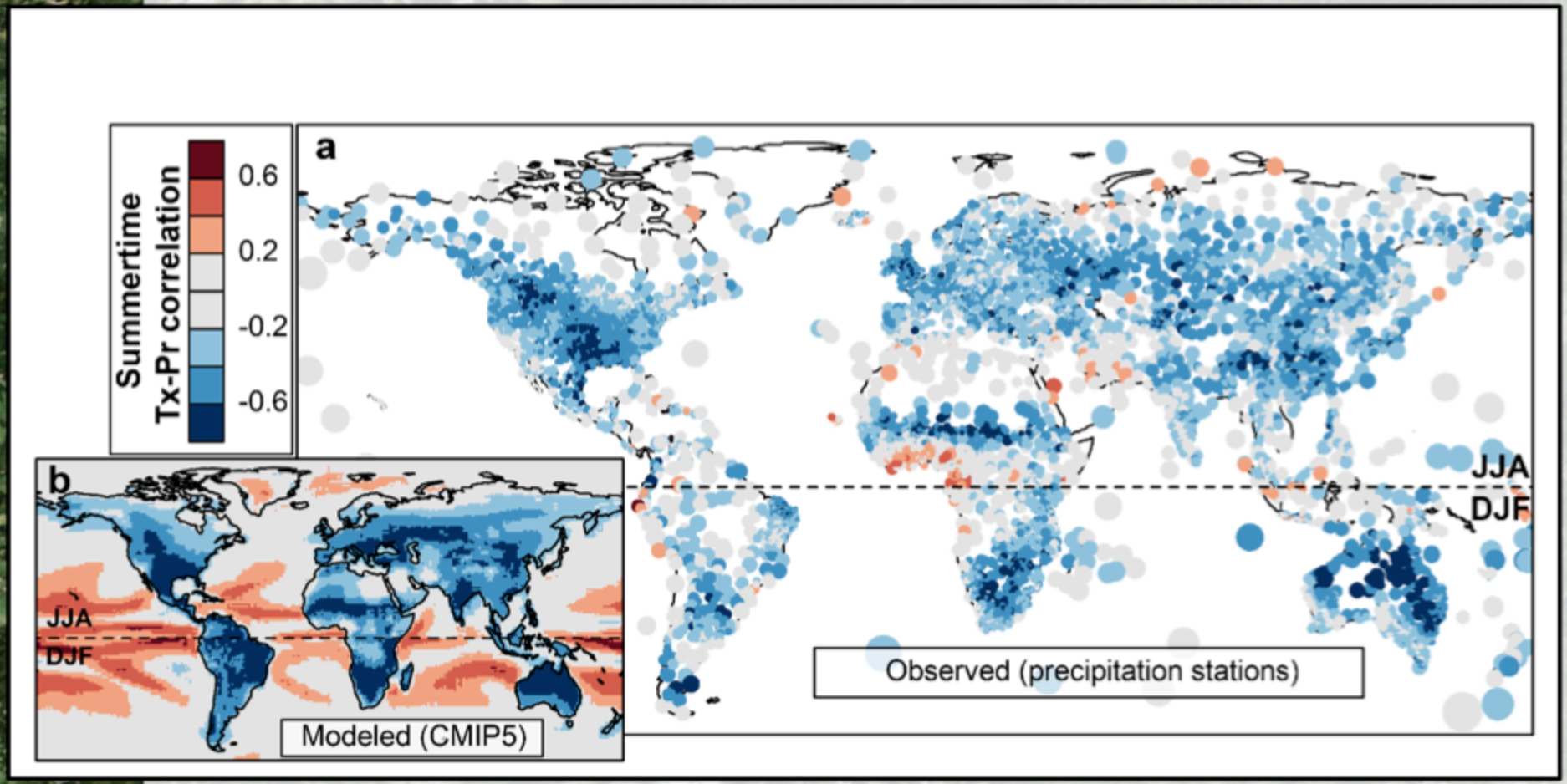

Mahony & Cannon (2018)

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Wetter summers can intensify departures from natural variability in a warming climate

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