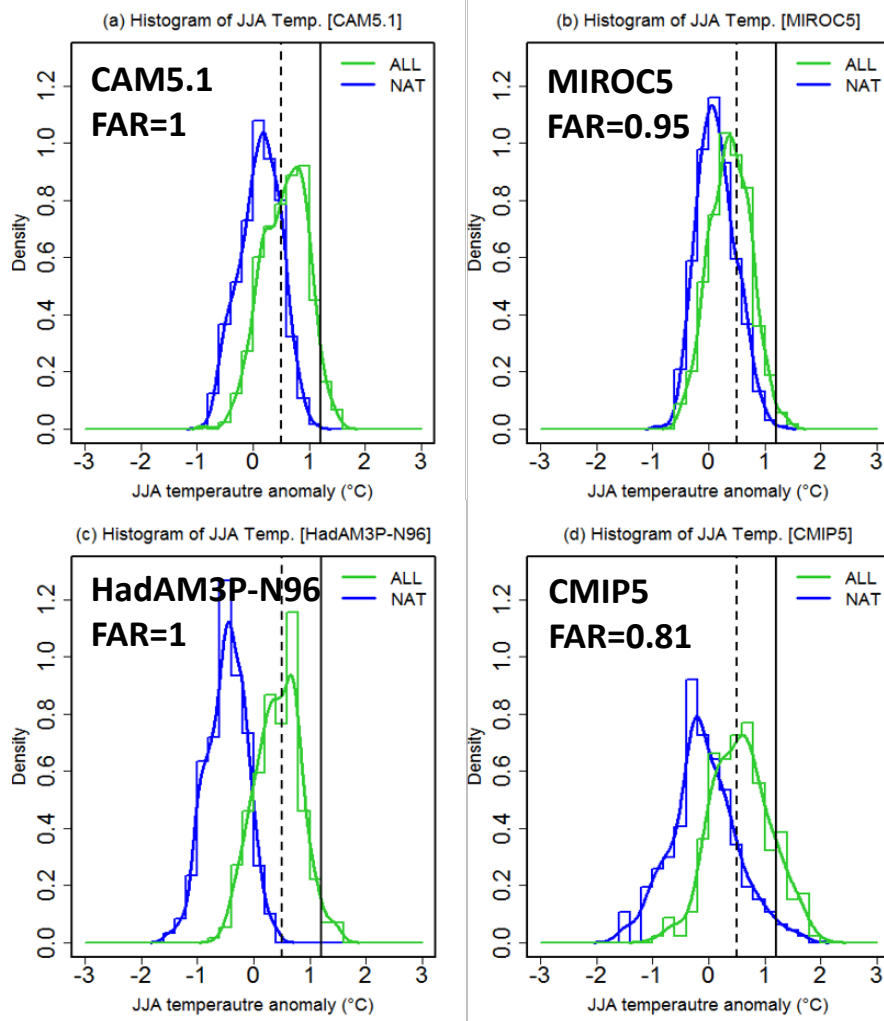


Event attribution of 2013 Korean summer heat wave using multi-model ensemble

Yeon-Hee Kim (POSTECH, Korea)

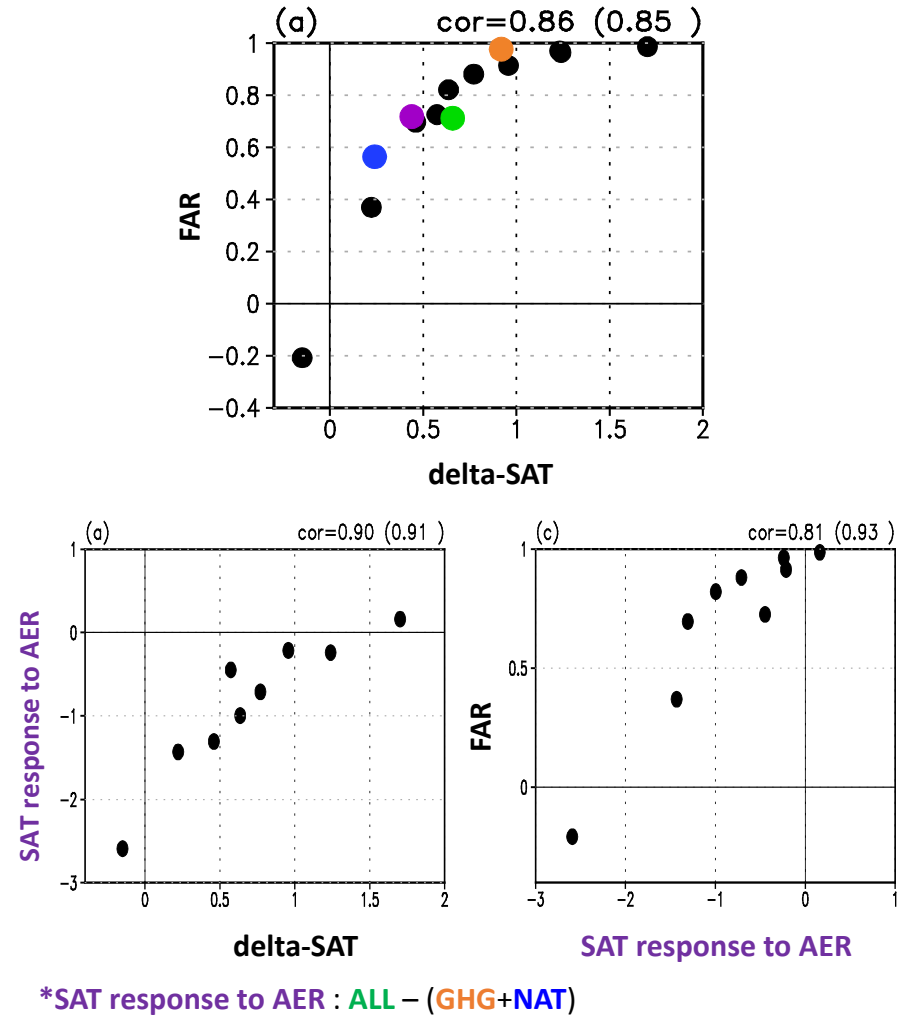
C-9

Histogram and FAR of 2013 temperature anomaly



Extreme heat event in Korea is attributable to the anthropogenic forcing due to GHGs

What determines FAR?



Inter-model spread in delta-SAT (and FAR) is largely explained by model's response to aerosol forcing ($r=0.90$)