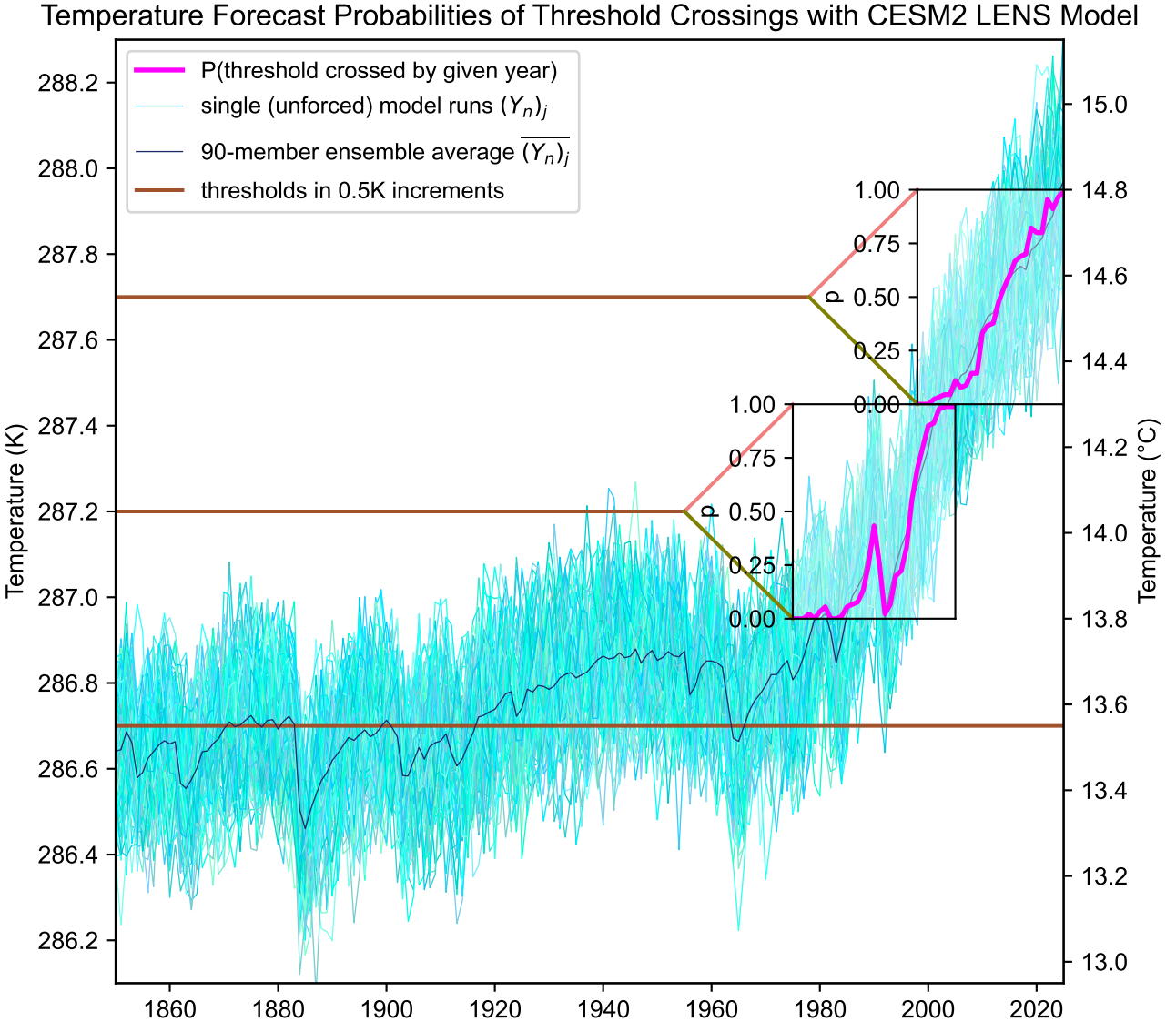
Temperature Forecast Probabilities of Threshold Crossings with CESM2 LENS Model
P(threshold crossed by given year)
single (unforced) model runs $(Y_n)_j$
90-member ensemble average $\overline{(Y_n)_j}$
thresholds in 0.5K increments
Temperature (K)
Temperature (°C)
288.2
288.0
287.8
287.6
287.4
287.2
287.0
286.8
286.6
286.4
286.2
15.0
14.8
14.6
14.4
14.2
14.0
13.8
13.6
13.4
13.2
13.0
1860
1880
1900
1920
1940
1960
1980
2000
2020
p
1.00
0.75
0.50
0.25
0.00