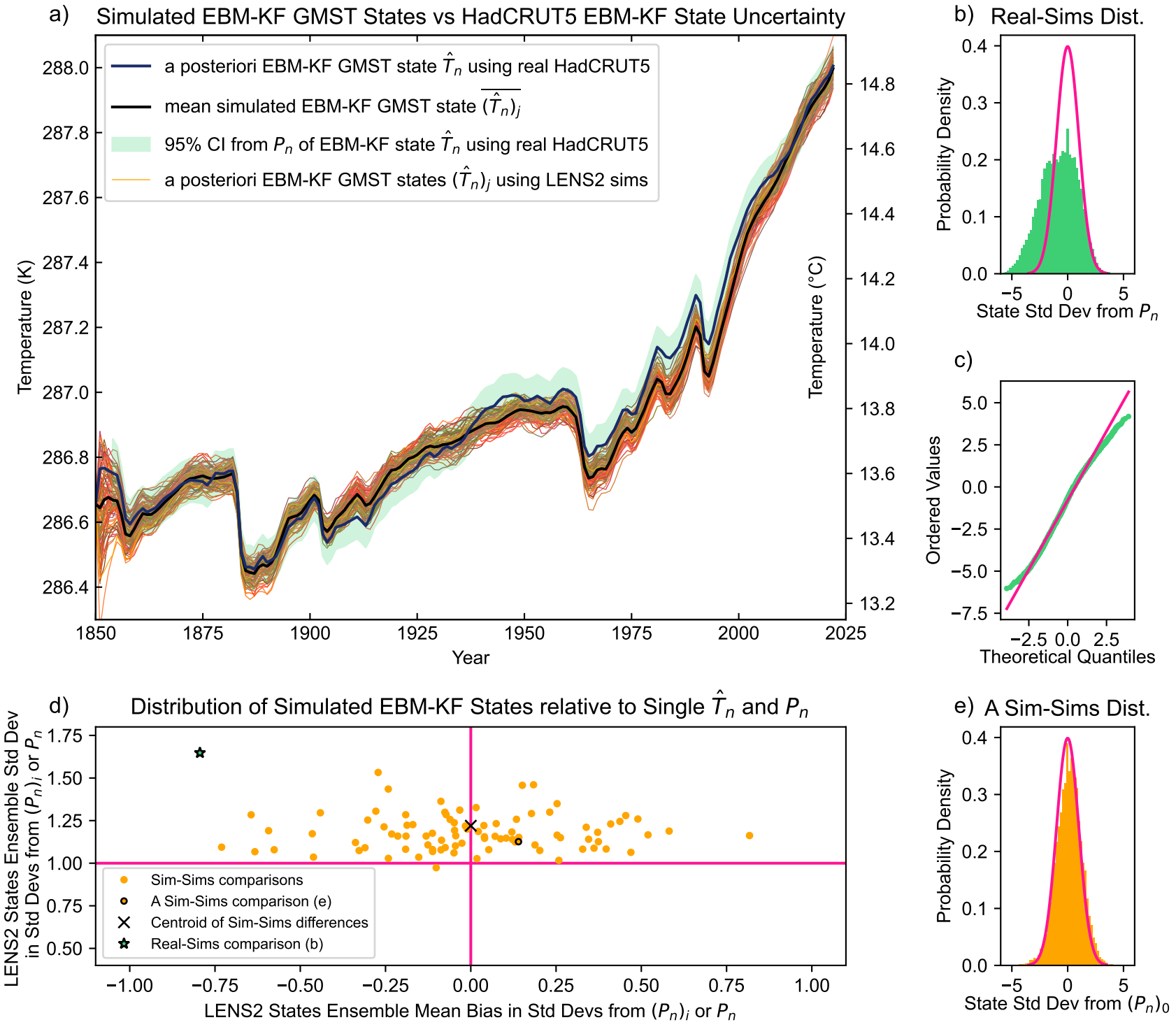
a) Simulated EBM-KF GMST States vs HadCRUT5 EBM-KF State Uncertainty
a posteriori EBM-KF GMST state $\hat{T}_n$ using real HadCRUT5
mean simulated EBM-KF GMST state $\overline{(\hat{T}_n)_j}$
95% CI from P_n of EBM-KF state $\hat{T}_n$ using real HadCRUT5
a posteriori EBM-KF GMST states $(\hat{T}_n)_j$ using LENS2 sims
Temperature (K)
Temperature (°C)
Year
b) Real-Sims Dist.
Probability Density
State Std Dev from P_n
c)
Ordered Values
Theoretical Quantiles
d) Distribution of Simulated EBM-KF States relative to Single $\hat{T}_n$ and P_n
Sim-Sims comparisons
A Sim-Sims comparison (e)
Centroid of Sim-Sims differences
Real-Sims comparison (b)
LENS2 States Ensemble Std Dev in Std Devs from $(P_n)_i$ or P_n
LENS2 States Ensemble Mean Bias in Std Devs from $(P_n)_i$ or P_n
e) A Sim-Sims Dist.
Probability Density
State Std Dev from $(P_n)_0$