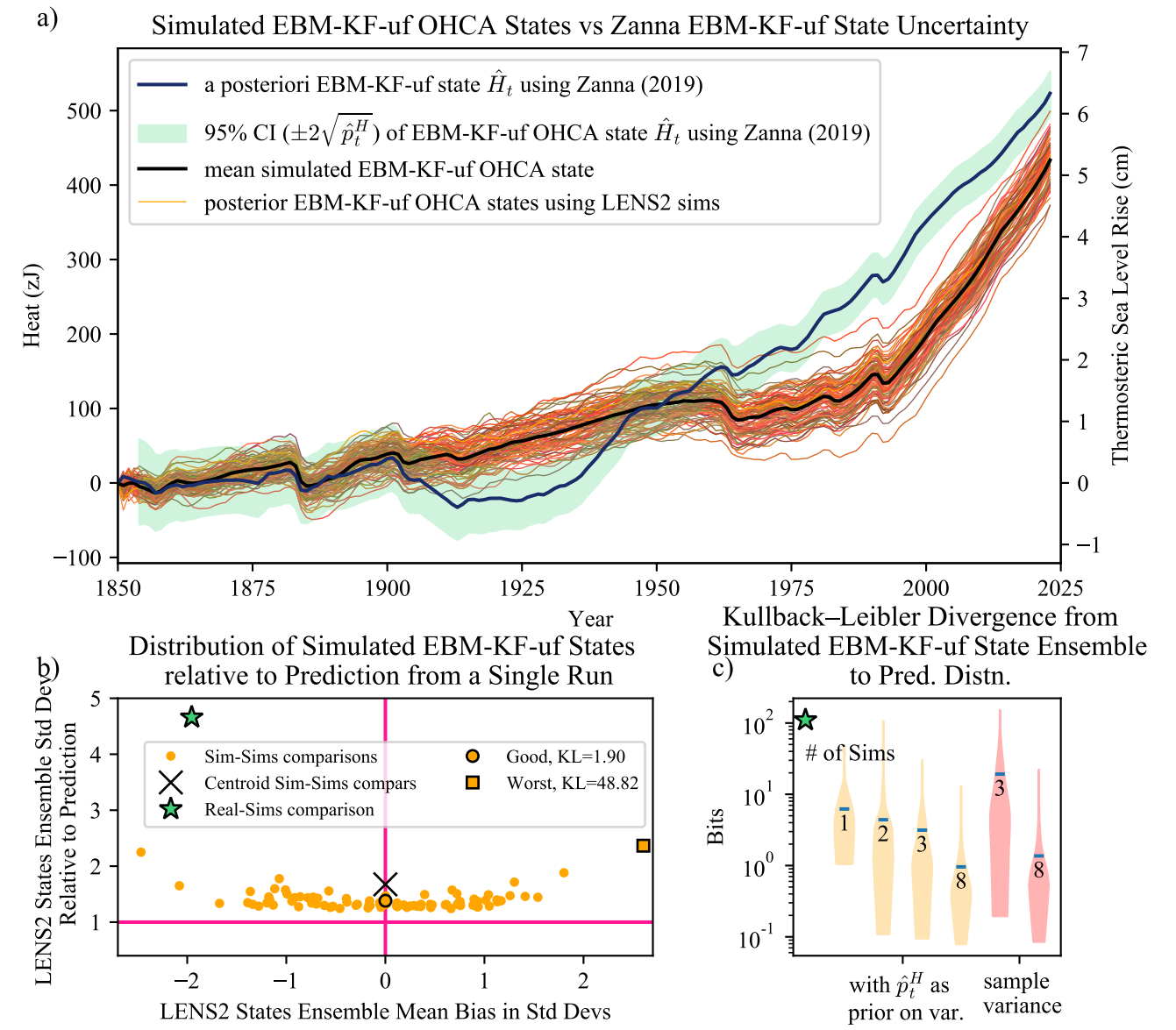
a)
Simulated EBM-KF-uf OHCA States vs Zanna EBM-KF-uf State Uncertainty
a posteriori EBM-KF-uf state $\hat{H}_t$ using Zanna (2019)
95% CI ($\pm 2\sqrt{\hat{p}_t^H}$) of EBM-KF-uf OHCA state $\hat{H}_t$ using Zanna (2019)
mean simulated EBM-KF-uf OHCA state
posterior EBM-KF-uf OHCA states using LENS2 sims
Heat (zJ)
Thermosteric Sea Level Rise (cm)
Year
b)
Distribution of Simulated EBM-KF-uf States
relative to Prediction from a Single Run
Sim-Sims comparisons
Centroid Sim-Sims compars
Real-Sims comparison
Good, KL=1.90
Worst, KL=48.82
LENS2 States Ensemble Std Devs
Relative to Prediction
LENS2 States Ensemble Mean Bias in Std Devs
c)
Kullback–Leibler Divergence from
Simulated EBM-KF-uf State Ensemble
to Pred. Distn.
# of Sims
Bits
with $\hat{p}_t^H$ as
prior on var.
sample
variance