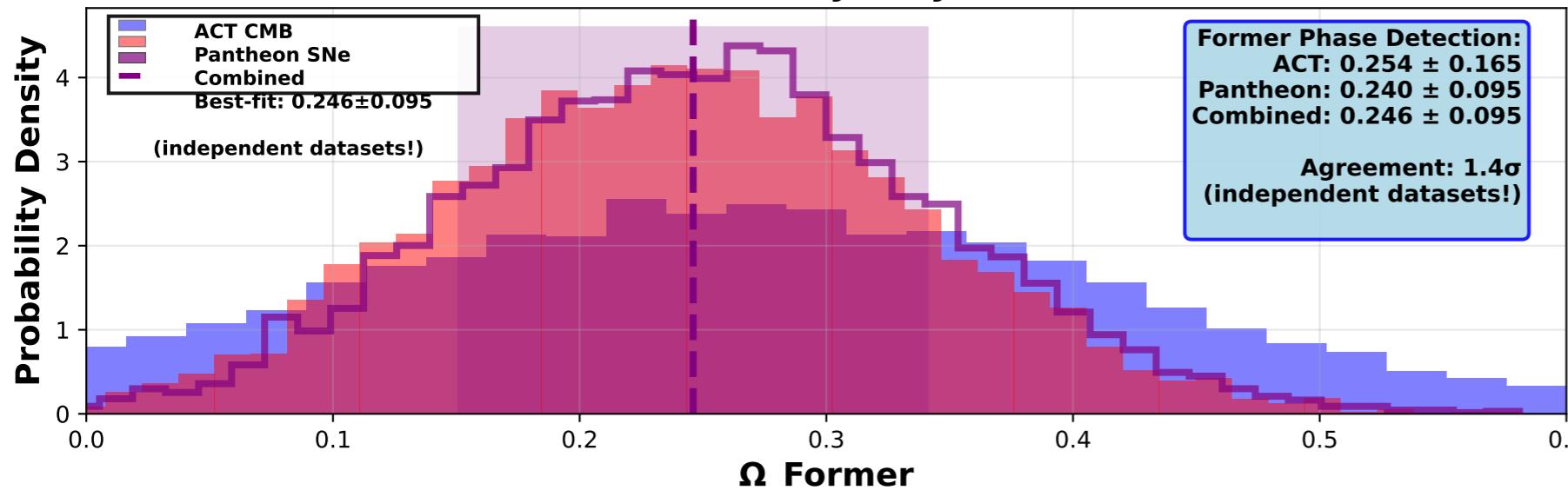
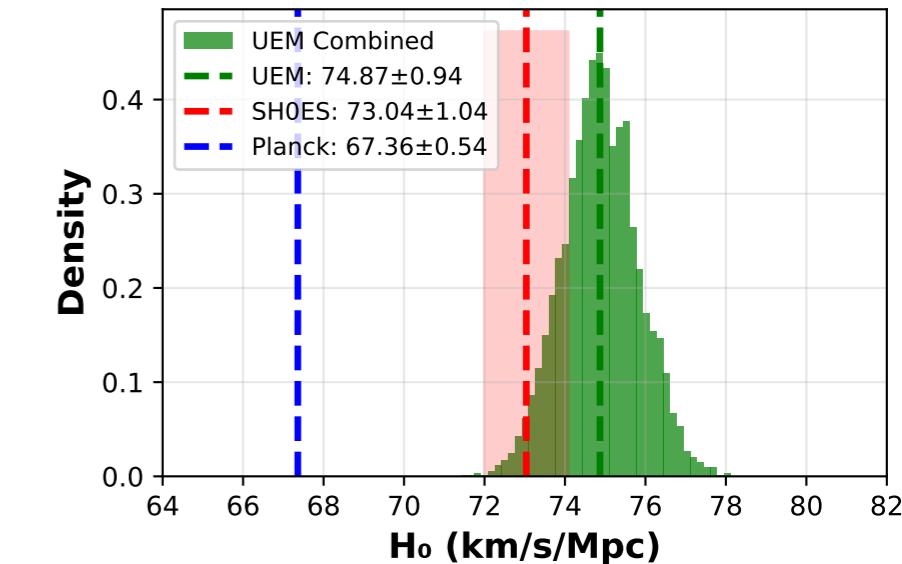


**Figure 2: UEM Cosmological Parameters from ACT CMB + Pantheon SNe Ia**

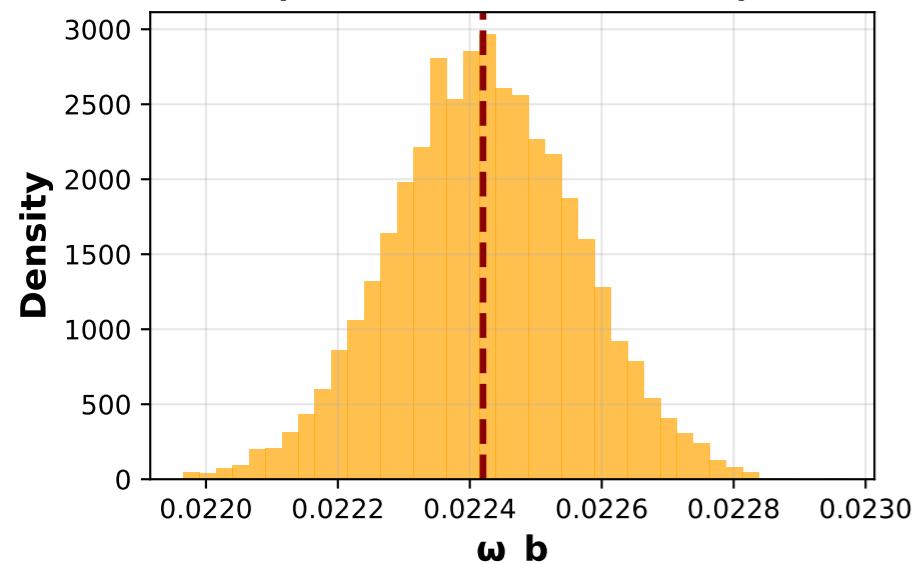
**A. Former Phase Density (Key UEM Parameter)**



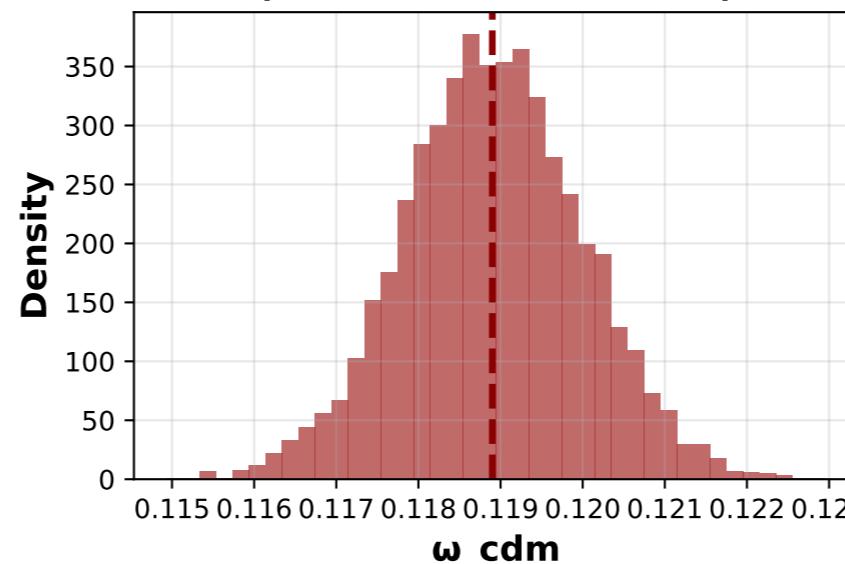
**B. Hubble Constant**



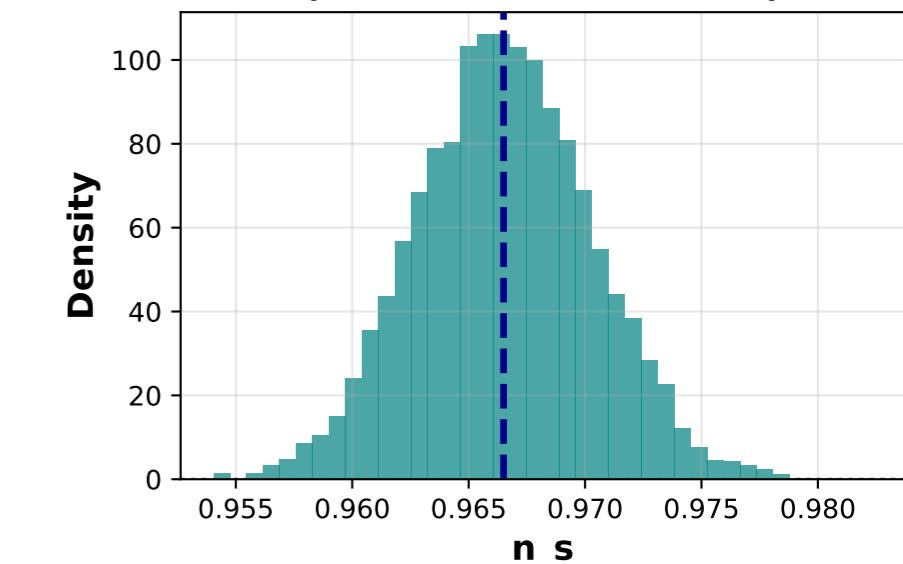
**C. Baryon Density (Consistent with Planck)**



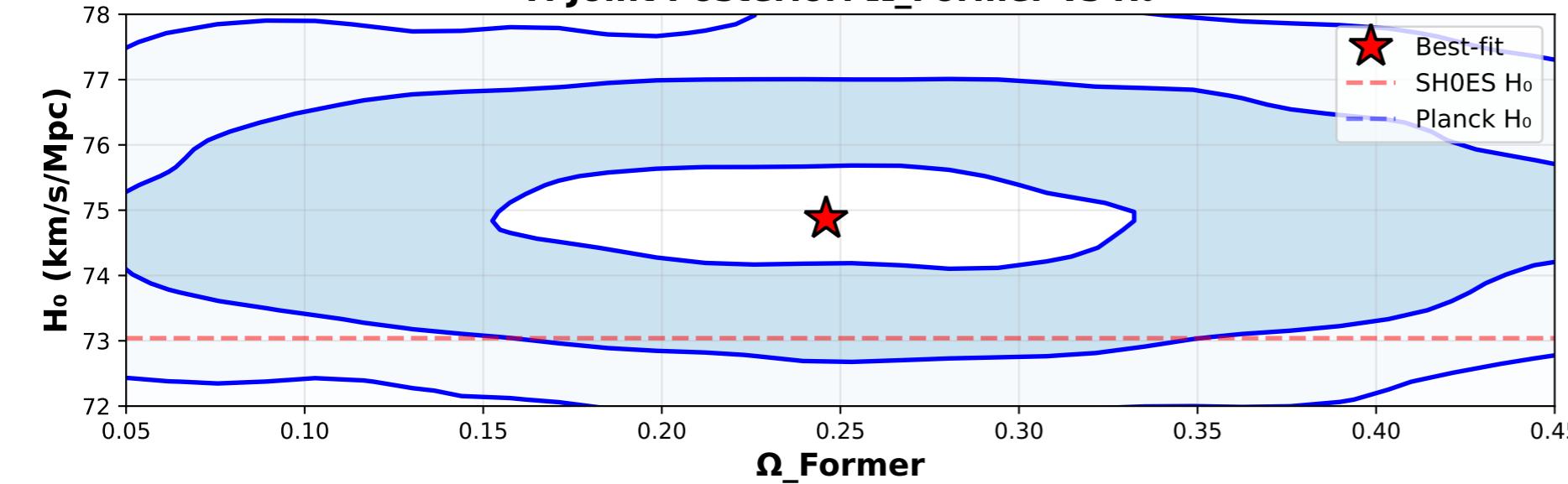
**D. CDM Density (Consistent with Planck)**



**E. Scalar Spectral Index (Consistent with Planck)**



**F. Joint Posterior:  $\Omega_{\text{Former}}$  vs  $H_0$**



**G. Fit Quality Comparison (Statistical Equivalence)**

