

CMB + BAO + SN: Bayesian Model Comparisons and Cross-Dataset Tensions

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We present a unified assessment of Bayesian Model Comparisons and Cross-Dataset Tension/Consistency for the (still) standard Λ CDM model and some minimal extensions (curvature Ω_K , sum of neutrino masses $\sum m_\nu$, constant w or dynamic w_0, w_a dark energy) in light of data from the cosmic microwave background (CMB), baryon acoustic oscillations (BAO), and supernovae (SN). Our analysis highlights how specific combinations drive or relieve tensions.

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