

The Triune Universe's Falsify-Me Abstract Collection No. 24

Justin B Fine

February 14, 2026

Triune Falsify-Me Abstract 24

1. 24. **BAO and Sound Horizon in Triune Cosmology**

We track the imprint of the baryon acoustic scale through recombination and later times in a triune universe. Early-time acceleration alters the physical sound horizon, while late-time chasing and structuring modify the mapping from physical to observed scales. The framework claims that CMB- and BAO-inferred sound horizons can be made consistent without tension by appropriately sequencing triune phases. Falsification: consistent global fits show that any triune-induced change to the sound horizon worsens, rather than improves, concordance across probes.