

The two routes to the present rate: geometry determines, the sky confirms

Route I is pure GG-6/GDOS/GRIP (GU-5 conversion factors + the OGN-5 ledger); Route II divides the sky's h -independent densities by the derived fractions.

Route I: $\zeta_\Lambda = \pi/(LK)$ selected

$498.3\sqrt{\pi/175}$; structural ± 0.2

rejected monomials (codebook)

no named role on the Wilson-line stratum

Route II: baryon anchor

$\sqrt{\omega_b/(1/2\pi^2)} = 66.5 \pm 0.23$

Route II: matter anchor

$\sqrt{\omega_m/(1/\pi)} = 67.0 \pm 0.26$

Route II: BBN-only anchor

deuterium + LUNA, no CMB at all: 66.4 ± 0.5

canonical rate (routes I $\cap$ II)

$H_0^{(0)} = 66.6 \pm 0.2$

the sky, for comparison: Planck fit

67.4 ± 0.5 (Λ CDM, θ_* -based)

the ladder: HODN

73.50 ± 0.81 --- outside the pure-geometry cluster

