WMAP Cosmological Parameters

Model: lcdm+sz+lens+nrel

Data: wmap7+lrg+h0

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|---|---|---|---|
| $10^2\Omega_b h^2$ | $2.249^{+0.054}_{-0.053}$ | $1-n_s$ | $0.026 \pm 0.014$ |
| $1-n_s$ | $-0.00020 < 1-n_s < 0.05448$ (95% CL) | $A_{\rm BAO}(z=0.35)$ | $0.477^{+0.013}_{-0.012}$ |
| $C_{220}$ | $5754 \pm 38$ | $d_A(z_{\rm eq})$ | $13285^{+561}_{-536}$ Mpc |
| $d_A(z_*)$ | $13132^{+554}_{-529}$ Mpc | $\Delta^2_{\mathcal{R}}$ | $(2.456 \pm 0.096) \times 10^{-9}$ |
| $h$ | $0.743^{+0.032}_{-0.033}$ | $H_0$ | $74.3^{+3.2}_{-3.3}$ km/s/Mpc |
| $k_{\rm eq}$ | $0.01063 \pm 0.00049$ | $\ell_{\rm eq}$ | $139.4 \pm 2.6$ |
| $\ell_*$ | $303.8 \pm 1.1$ | $N_{\rm eff}$ | $4.25^{+0.76}_{-0.80}$ |
| $N_{\rm eff}$ | $2.8 < N_{\rm eff} < 5.9$ (95% CL) | $n_s$ | $0.974 \pm 0.014$ |
| $\Omega_b$ | $0.0410^{+0.0037}_{-0.0036}$ | $\Omega_b h^2$ | $0.02249^{+0.00054}_{-0.00053}$ |
| $\Omega_c$ | $0.244 \pm 0.018$ | $\Omega_c h^2$ | $0.135^{+0.013}_{-0.014}$ |
| $\Omega_\Lambda$ | $0.715^{+0.018}_{-0.019}$ | $\Omega_m$ | $0.285^{+0.019}_{-0.018}$ |
| $\Omega_m h^2$ | $0.157^{+0.013}_{-0.014}$ | $r_{\rm hor}(z_{\rm dec})$ | $264^{+12}_{-11}$ Mpc |
| $r_s(z_d)$ | $141.9^{+6.4}_{-6.1}$ Mpc | $r_s(z_d)/D_v(z=0.2)$ | $0.1867 \pm 0.0042$ |
| $r_s(z_d)/D_v(z=0.35)$ | $0.1122^{+0.0022}_{-0.0023}$ | $r_s(z_*)$ | $135.8^{+6.1}_{-5.8}$ Mpc |
| $R$ | $1.732 \pm 0.011$ | $\sigma_8$ | $0.863 \pm 0.035$ |
| $A_{\rm SZ}$ | $0.94^{+0.70}_{-0.94}$ | $t_0$ | $12.90^{+0.54}_{-0.52}$ Gyr |
| $\tau$ | $0.085 \pm 0.014$ | $\theta_*$ | $0.010341^{+0.000038}_{-0.000039}$ |
| $\theta_*$ | $0.5925 \pm 0.0022$ ° | $t_*$ | $350027^{+16105}_{-15479}$ yr |
| $z_{\rm dec}$ | $1090.3^{+1.7}_{-1.6}$ | $z_d$ | $1021.9 \pm 1.4$ |
| $z_{\rm eq}$ | $3240 \pm 90$ | $z_{\rm reion}$ | $10.8 \pm 1.3$ |
| $z_*$ | $1092.9^{+1.4}_{-1.5}$ | | |