

WMAP Cosmological Parameters

Model: lcdm+iso+corr

Data: wmap9+snls3+bao

$10^9 \Delta_{\mathcal{R}}^2$	$2.380_{-0.085}^{+0.086}$	$H_0$	$69.36_{-0.96}^{+0.94}$ km/s/Mpc
$\alpha_{-1}$	< 0.0037 (95% CL)	$\ell(\ell+1)C_{220}/(2\pi)$	$5736 \pm 33 \mu\text{K}^2$
$d_A(z_{\text{eq}})$	$14141_{-92}^{+91}$ Mpc	$d_A(z_*)$	$13975_{-93}^{+92}$ Mpc
$D_v(z=0.57)/r_s(z_d)$	$13.38 \pm 0.12$	$\eta$	$(6.16 \pm 0.12) \times 10^{-10}$
$k_{\text{eq}}$	$0.01010_{-0.00018}^{+0.00017}$	$\ell_{\text{eq}}$	$141.1_{-1.7}^{+1.6}$
$\ell_*$	$302.15_{-0.64}^{+0.62}$	$n_b$	$(2.529_{-0.048}^{+0.049}) \times 10^{-7} \text{ cm}^{-3}$
$n_s$	$0.975 \pm 0.011$	$\Omega_b$	$0.0468 \pm 0.0010$
$\Omega_b h^2$	$0.02252_{-0.00043}^{+0.00044}$	$\Omega_c$	$0.2410_{-0.0095}^{+0.0099}$
$\Omega_c h^2$	$0.1158_{-0.0023}^{+0.0022}$	$\Omega_\Lambda$	$0.712_{-0.011}^{+0.010}$
$\Omega_m$	$0.288_{-0.010}^{+0.011}$	$\Omega_m h^2$	$0.1384 \pm 0.0024$
$r_s(z_d)$	$151.80 \pm 0.89$ Mpc	$r_s(z_d)/D_v(z=0.106)$	$0.3420 \pm 0.0046$
$r_s(z_d)/D_v(z=0.2)$	$0.1868_{-0.0024}^{+0.0023}$	$r_s(z_d)/D_v(z=0.35)$	$0.1124 \pm 0.0012$
$r_s(z_d)/D_v(z=0.44)$	$0.09234_{-0.00095}^{+0.00094}$	$r_s(z_d)/D_v(z=0.54)$	$0.07803_{-0.00074}^{+0.00073}$
$r_s(z_d)/D_v(z=0.57)$	$0.07475_{-0.00069}^{+0.00068}$	$r_s(z_d)/D_v(z=0.6)$	$0.07180 \pm 0.00064$
$r_s(z_d)/D_v(z=0.73)$	$0.06193_{-0.00050}^{+0.00049}$	$r_s(z_*)$	$145.30_{-0.73}^{+0.74}$
$R$	$1.7337_{-0.0062}^{+0.0064}$	$\sigma_8$	$0.831 \pm 0.018$
$\sigma_8 \Omega_m^{0.5}$	$0.446 \pm 0.015$	$\sigma_8 \Omega_m^{0.6}$	$0.394 \pm 0.014$
$\alpha_{\text{SNLS}}$	$1.43 \pm 0.11$	$\beta_{\text{SNLS}}$	$3.26 \pm 0.11$
$A_{\text{SZ}}$	< 2.0 (95% CL)	$t_0$	$13.747_{-0.089}^{+0.091}$ Gyr
$\tau$	$0.084_{-0.013}^{+0.012}$	$\theta_*$	$0.010398_{-0.000021}^{+0.000022}$
$\theta_*$	$0.5957_{-0.0012}^{+0.0013}$ °	$\tau_{\text{rec}}$	$282.9_{-1.2}^{+1.3}$
$t_{\text{reion}}$	$471_{-68}^{+67}$ Myr	$t_*$	$374470_{-2004}^{+2089}$ yr
$z_d$	$1020.6_{-1.0}^{+1.1}$	$z_{\text{eq}}$	$3312_{-58}^{+57}$
$z_{\text{rec}}$	$1088.42_{-0.63}^{+0.62}$	$z_{\text{reion}}$	$10.3 \pm 1.1$
$z_*$	$1091.30 \pm 0.57$		