

WMAP Cosmological Parameters

Model: lcdm+run+tens

Data: wmap9+snls3+bao

$10^9 \Delta_{\mathcal{R}}^2$	$2.23 \pm 0.15$	$H_0$	$68.93 \pm 0.98$ km/s/Mpc
$\ell(\ell+1)C_{220}/(2\pi)$	$5751 \pm 34$ $\mu\text{K}^2$	$d_A(z_{\text{eq}})$	$14123 \pm 96$ Mpc
$d_A(z_*)$	$13956_{-97}^{+96}$ Mpc	$dn_s/d \ln k$	$-0.035 \pm 0.022$
$D_v(z=0.57)/r_s(z_d)$	$13.45 \pm 0.13$	$\eta$	$(6.16 \pm 0.13) \times 10^{-10}$
$k_{\text{eq}}$	$0.01016 \pm 0.00019$	$\ell_{\text{eq}}$	$141.8 \pm 1.8$
$\ell_*$	$302.23 \pm 0.63$	$n_b$	$(2.528 \pm 0.054) \times 10^{-7}$ $\text{cm}^{-3}$
$n_s$	$1.060 \pm 0.058$	$n_t$	$> -0.056$ (95% CL)
$\Omega_b$	$0.0474 \pm 0.0010$	$\Omega_b h^2$	$0.02251_{-0.00048}^{+0.00049}$
$\Omega_c$	$0.246 \pm 0.011$	$\Omega_c h^2$	$0.1167 \pm 0.0025$
$\Omega_\Lambda$	$0.707 \pm 0.011$	$\Omega_m$	$0.293 \pm 0.011$
$\Omega_m h^2$	$0.1393 \pm 0.0026$	$r$	$< 0.45$ (95% CL)
$r_s(z_d)$	$151.56 \pm 0.94$ Mpc	$r_s(z_d)/D_v(z=0.106)$	$0.3395 \pm 0.0048$
$r_s(z_d)/D_v(z=0.2)$	$0.1856 \pm 0.0024$	$r_s(z_d)/D_v(z=0.35)$	$0.1117 \pm 0.0013$
$r_s(z_d)/D_v(z=0.44)$	$0.09183_{-0.00098}^{+0.00097}$	$r_s(z_d)/D_v(z=0.54)$	$0.07764_{-0.00076}^{+0.00075}$
$r_s(z_d)/D_v(z=0.57)$	$0.07438_{-0.00071}^{+0.00070}$	$r_s(z_d)/D_v(z=0.6)$	$0.07146 \pm 0.00066$
$r_s(z_d)/D_v(z=0.73)$	$0.06166 \pm 0.00051$	$r_s(z_*)$	$145.07_{-0.78}^{+0.77}$
$R$	$1.7370_{-0.0067}^{+0.0068}$	$\sigma_8$	$0.827 \pm 0.019$
$\sigma_8 \Omega_m^{0.5}$	$0.448 \pm 0.015$	$\sigma_8 \Omega_m^{0.6}$	$0.396 \pm 0.015$
$\alpha_{\text{SNLS}}$	$1.43 \pm 0.11$	$\beta_{\text{SNLS}}$	$3.25 \pm 0.11$
$A_{\text{SZ}}$	$< 2.0$ (95% CL)	$t_0$	$13.761 \pm 0.092$ Gyr
$\tau$	$0.095 \pm 0.015$	$\theta_*$	$0.010395 \pm 0.000022$
$\theta_*$	$0.5956 \pm 0.0012$ $^\circ$	$\tau_{\text{rec}}$	$282.4 \pm 1.3$
$t_{\text{reion}}$	$414_{-65}^{+64}$ Myr	$t_*$	$373660_{-2227}^{+2220}$ yr
$z_d$	$1020.7_{-1.2}^{+1.1}$	$z_{\text{eq}}$	$3333_{-61}^{+62}$
$z_{\text{rec}}$	$1088.49 \pm 0.67$	$z_{\text{reion}}$	$11.2 \pm 1.3$
$z_*$	$1091.39_{-0.66}^{+0.67}$		