

WMAP Cosmological Parameters

Model: lcdm+mnu

Data: wmap9+spt+act+bao

$10^9 \Delta_{\mathcal{R}}^2$	$2.452^{+0.075}_{-0.074}$	$H_0$	$67.5 \pm 1.1$ km/s/Mpc
$A_{\text{clustered}}$	$< 11$ (95% CL)	$A_{\text{Poisson}}^{\text{ACT}}$	$14.6^{+2.4}_{-2.5}$
$A_{\text{Poisson}}^{\text{SPT}}$	$> 16$ (95% CL)	$\ell(\ell+1)C_{220}/(2\pi)$	$5748^{+33}_{-32} \mu\text{K}^2$
$d_A(z_{\text{eq}})$	$14216^{+73}_{-74}$ Mpc	$d_A(z_*)$	$14050^{+73}_{-74}$ Mpc
$D_v(z=0.57)/r_s(z_d)$	$13.54^{+0.13}_{-0.14}$	$\eta$	$(6.071^{+0.094}_{-0.093}) \times 10^{-10}$
$k_{\text{eq}}$	$0.00990 \pm 0.00019$	$\ell_{\text{eq}}$	$139.0 \pm 2.0$
$\ell_*$	$302.04^{+0.41}_{-0.40}$	$\sum m_\nu$	$< 0.56$ eV (95% CL)
$n_b$	$(2.493^{+0.039}_{-0.038}) \times 10^{-7} \text{ cm}^{-3}$	$n_s$	$0.9628 \pm 0.0086$
$\Omega_b$	$0.0488 \pm 0.0015$	$\Omega_b h^2$	$0.02220 \pm 0.00034$
$\Omega_c$	$0.2491 \pm 0.0099$	$\Omega_c h^2$	$0.1133 \pm 0.0026$
$\Omega_\Lambda$	$0.695 \pm 0.013$	$\Omega_m$	$0.305 \pm 0.013$
$\Omega_m h^2$	$0.1386 \pm 0.0020$	$\Omega_\nu h^2$	$< 0.0060$ (95% CL)
$r_s(z_d)$	$152.82^{+0.80}_{-0.81}$ Mpc	$r_s(z_d)/D_v(z=0.106)$	$0.3356^{+0.0051}_{-0.0050}$
$r_s(z_d)/D_v(z=0.2)$	$0.1836^{+0.0026}_{-0.0025}$	$r_s(z_d)/D_v(z=0.35)$	$0.1107^{+0.0014}_{-0.0013}$
$r_s(z_d)/D_v(z=0.44)$	$0.0911 \pm 0.0010$	$r_s(z_d)/D_v(z=0.54)$	$0.07707^{+0.00080}_{-0.00078}$
$r_s(z_d)/D_v(z=0.57)$	$0.07385^{+0.00074}_{-0.00073}$	$r_s(z_d)/D_v(z=0.6)$	$0.07097^{+0.00069}_{-0.00068}$
$r_s(z_d)/D_v(z=0.73)$	$0.06130^{+0.00054}_{-0.00052}$	$r_s(z_*)$	$146.14 \pm 0.71$
$R$	$1.7449 \pm 0.0072$	$\sigma_8$	$0.750^{+0.044}_{-0.042}$
$\sigma_8 \Omega_m^{0.5}$	$0.414 \pm 0.022$	$\sigma_8 \Omega_m^{0.6}$	$0.367 \pm 0.019$
$A_{\text{SZ}}$	$< 1.1$ (95% CL)	$t_0$	$13.910^{+0.087}_{-0.086}$ Gyr
$\tau$	$0.085 \pm 0.013$	$\theta_*$	$0.010401 \pm 0.000014$
$\theta_*$	$0.59596^{+0.00079}_{-0.00081} \circ$	$\tau_{\text{rec}}$	$284.2 \pm 1.3$
$t_{\text{reion}}$	$456^{+63}_{-64}$ Myr	$t_*$	$376492^{+2266}_{-2234}$ yr
$z_d$	$1019.66^{+0.82}_{-0.83}$	$z_{\text{eq}}$	$3244^{+62}_{-63}$
$z_{\text{rec}}$	$1088.61 \pm 0.61$	$z_{\text{reion}}$	$10.5 \pm 1.1$
$z_*$	$1091.50^{+0.53}_{-0.52}$		