

WMAP Cosmological Parameters

Model: wcdm+mnu

Data: wmap9+spt+act+snls3+bao+h0

$10^9 \Delta_{\mathcal{R}}^2$	$2.486 \pm 0.078$	$H_0$	$71.0 \pm 1.3$ km/s/Mpc
$A_{\text{clustered}}$	$< 11$ (95% CL)	$A_{\text{Poisson}}^{\text{ACT}}$	$14.6 \pm 2.4$
$A_{\text{Poisson}}^{\text{SPT}}$	$> 16$ (95% CL)	$\ell(\ell+1)C_{220}/(2\pi)$	$5750 \pm 34$ $\mu\text{K}^2$
$d_A(z_{\text{eq}})$	$14176 \pm 74$ Mpc	$d_A(z_*)$	$14010 \pm 75$ Mpc
$D_v(z=0.57)/r_s(z_d)$	$13.56 \pm 0.15$	$\eta$	$(6.049 \pm 0.092) \times 10^{-10}$
$k_{\text{eq}}$	$0.01001 \pm 0.00020$	$\ell_{\text{eq}}$	$140.2 \pm 2.1$
$\ell_*$	$302.04 \pm 0.41$	$\sum m_\nu$	$< 0.74$ eV (95% CL)
$n_b$	$(2.484 \pm 0.038) \times 10^{-7}$ $\text{cm}^{-3}$	$n_s$	$0.9592_{-0.0086}^{+0.0085}$
$\Omega_b$	$0.0439 \pm 0.0017$	$\Omega_b h^2$	$0.02212 \pm 0.00034$
$\Omega_c$	$0.2280 \pm 0.0092$	$\Omega_c h^2$	$0.1149 \pm 0.0027$
$\Omega_\Lambda$	$0.719 \pm 0.011$	$\Omega_m$	$0.281 \pm 0.011$
$\Omega_m h^2$	$0.1416_{-0.0026}^{+0.0025}$	$\Omega_\nu h^2$	$< 0.0079$ (95% CL)
$r_s(z_d)$	$152.39_{-0.80}^{+0.81}$ Mpc	$r_s(z_d)/D_v(z=0.106)$	$0.3468 \pm 0.0050$
$r_s(z_d)/D_v(z=0.2)$	$0.1877 \pm 0.0024$	$r_s(z_d)/D_v(z=0.35)$	$0.1118 \pm 0.0013$
$r_s(z_d)/D_v(z=0.44)$	$0.0914 \pm 0.0010$	$r_s(z_d)/D_v(z=0.54)$	$0.07703_{-0.00084}^{+0.00083}$
$r_s(z_d)/D_v(z=0.57)$	$0.07374 \pm 0.00079$	$r_s(z_d)/D_v(z=0.6)$	$0.07079_{-0.00076}^{+0.00075}$
$r_s(z_d)/D_v(z=0.73)$	$0.06095_{-0.00063}^{+0.00062}$	$r_s(z_*)$	$145.72_{-0.71}^{+0.72}$
$R$	$1.758 \pm 0.010$	$\sigma_8$	$0.771 \pm 0.044$
$\sigma_8 \Omega_m^{0.5}$	$0.409 \pm 0.022$	$\sigma_8 \Omega_m^{0.6}$	$0.360 \pm 0.020$
$\alpha_{\text{SNLS}}$	$1.44 \pm 0.11$	$\beta_{\text{SNLS}}$	$3.27 \pm 0.11$
$A_{\text{SZ}}$	$< 1.1$ (95% CL)	$t_0$	$13.900_{-0.087}^{+0.088}$ Gyr
$\tau$	$0.084 \pm 0.013$	$\theta_*$	$0.010401 \pm 0.000014$
$\theta_*$	$0.59596 \pm 0.00081$ $^\circ$	$\tau_{\text{rec}}$	$283.2 \pm 1.4$
$t_{\text{reion}}$	$451_{-65}^{+64}$ Myr	$t_*$	$374814_{-2300}^{+2288}$ yr
$w$	$-1.194 \pm 0.081$	$z_d$	$1019.62 \pm 0.81$
$z_{\text{eq}}$	$3279 \pm 65$	$z_{\text{rec}}$	$1088.82_{-0.61}^{+0.62}$
$z_{\text{reion}}$	$10.5 \pm 1.1$	$z_*$	$1091.75_{-0.54}^{+0.53}$