

WMAP Cosmological Parameters

Model: wcdm

Data: wmap9+spt+act+snls3+h0

$10^9 \Delta_{\mathcal{R}}^2$	$2.422^{+0.084}_{-0.083}$	$H_0$	$73.1 \pm 1.7$ km/s/Mpc
$A_{\text{clustered}}$	$< 10$ (95% CL)	$A_{\text{Poisson}}^{\text{ACT}}$	$14.8 \pm 2.4$
$A_{\text{Poisson}}^{\text{SPT}}$	$> 17$ (95% CL)	$\ell(\ell+1)C_{220}/(2\pi)$	$5750 \pm 33$ $\mu\text{K}^2$
$d_A(z_{\text{eq}})$	$14246 \pm 87$ Mpc	$d_A(z_*)$	$14081 \pm 88$ Mpc
$D_v(z = 0.57)/r_s(z_d)$	$13.02 \pm 0.19$	$\eta$	$(6.11 \pm 0.10) \times 10^{-10}$
$k_{\text{eq}}$	$0.00981 \pm 0.00024$	$\ell_{\text{eq}}$	$138.1 \pm 2.6$
$\ell_*$	$302.01 \pm 0.41$	$n_b$	$(2.508 \pm 0.041) \times 10^{-7}$ $\text{cm}^{-3}$
$n_s$	$0.9657 \pm 0.0098$	$\Omega_b$	$0.0418 \pm 0.0019$
$\Omega_b h^2$	$0.02233 \pm 0.00037$	$\Omega_c$	$0.210^{+0.013}_{-0.012}$
$\Omega_c h^2$	$0.1120 \pm 0.0034$	$\Omega_\Lambda$	$0.748 \pm 0.014$
$\Omega_m$	$0.252 \pm 0.014$	$\Omega_m h^2$	$0.1343 \pm 0.0033$
$r_s(z_d)$	$153.13 \pm 0.96$ Mpc	$r_s(z_d)/D_v(z = 0.106)$	$0.3606 \pm 0.0077$
$r_s(z_d)/D_v(z = 0.2)$	$0.1957 \pm 0.0038$	$r_s(z_d)/D_v(z = 0.35)$	$0.1167 \pm 0.0020$
$r_s(z_d)/D_v(z = 0.44)$	$0.0954 \pm 0.0015$	$r_s(z_d)/D_v(z = 0.54)$	$0.0803 \pm 0.0012$
$r_s(z_d)/D_v(z = 0.57)$	$0.0768 \pm 0.0011$	$r_s(z_d)/D_v(z = 0.6)$	$0.0737 \pm 0.0011$
$r_s(z_d)/D_v(z = 0.73)$	$0.06332 \pm 0.00084$	$r_s(z_*)$	$146.47 \pm 0.88$
$R$	$1.721 \pm 0.012$	$\sigma_8$	$0.829 \pm 0.029$
$\sigma_8 \Omega_m^{0.5}$	$0.416^{+0.019}_{-0.020}$	$\sigma_8 \Omega_m^{0.6}$	$0.362 \pm 0.018$
$\alpha_{\text{SNLS}}$	$1.44 \pm 0.11$	$\beta_{\text{SNLS}}$	$3.26 \pm 0.11$
$A_{\text{SZ}}$	$< 1.1$ (95% CL)	$t_0$	$13.687 \pm 0.067$ Gyr
$\tau$	$0.085 \pm 0.013$	$\theta_*$	$0.010402 \pm 0.000014$
$\theta_*$	$0.59601 \pm 0.00081$ $^\circ$	$\tau_{\text{rec}}$	$285.0 \pm 1.8$
$t_{\text{reion}}$	$471 \pm 65$ Myr	$t_*$	$377998^{+3135}_{-3133}$ yr
$w$	$-1.067 \pm 0.059$	$z_d$	$1019.83^{+0.81}_{-0.82}$
$z_{\text{eq}}$	$3216 \pm 79$	$z_{\text{rec}}$	$1088.35 \pm 0.67$
$z_{\text{reion}}$	$10.3 \pm 1.1$	$z_*$	$1091.21^{+0.65}_{-0.64}$