

WMAP Cosmological Parameters

Model: lcdm+iso+uncorr

Data: wmap9+spt+act+h0

$10^9 \Delta_{\mathcal{R}}^2$	$2.406 \pm 0.079$	$H_0$	$72.0 \pm 1.4$ km/s/Mpc
$A_{\text{clustered}}$	$< 10$ (95% CL)	$A_{\text{Poisson}}^{\text{ACT}}$	$15.0 \pm 2.3$
$A_{\text{Poisson}}^{\text{SPT}}$	$> 17$ (95% CL)	$\ell(\ell+1)C_{220}/(2\pi)$	$5744 \pm 33$ $\mu\text{K}^2$
$d_A(z_{\text{eq}})$	$14283 \pm 82$ Mpc	$d_A(z_*)$	$14119 \pm 83$ Mpc
$D_v(z=0.57)/r_s(z_d)$	$12.96 \pm 0.20$	$\eta$	$(6.16 \pm 0.10) \times 10^{-10}$
$k_{\text{eq}}$	$0.00965^{+0.00021}_{-0.00022}$	$\ell_{\text{eq}}$	$136.3 \pm 2.3$
$\ell_*$	$301.88^{+0.40}_{-0.41}$	$n_b$	$(2.531 \pm 0.041) \times 10^{-7}$ $\text{cm}^{-3}$
$n_s$	$0.9746^{+0.0099}_{-0.0100}$	$\Omega_b$	$0.0435 \pm 0.0015$
$\Omega_b h^2$	$0.02254 \pm 0.00037$	$\Omega_c$	$0.212 \pm 0.014$
$\Omega_c h^2$	$0.1097 \pm 0.0030$	$\Omega_\Lambda$	$0.745 \pm 0.015$
$\Omega_m$	$0.255 \pm 0.015$	$\Omega_m h^2$	$0.1323^{+0.0029}_{-0.0030}$
$r_s(z_d)$	$153.54 \pm 0.90$ Mpc	$r_s(z_d)/D_v(z=0.106)$	$0.3581 \pm 0.0079$
$r_s(z_d)/D_v(z=0.2)$	$0.1950 \pm 0.0040$	$r_s(z_d)/D_v(z=0.35)$	$0.1168 \pm 0.0021$
$r_s(z_d)/D_v(z=0.44)$	$0.0957 \pm 0.0016$	$r_s(z_d)/D_v(z=0.54)$	$0.0806 \pm 0.0013$
$r_s(z_d)/D_v(z=0.57)$	$0.0772 \pm 0.0012$	$r_s(z_d)/D_v(z=0.6)$	$0.0741 \pm 0.0011$
$r_s(z_d)/D_v(z=0.73)$	$0.06369 \pm 0.00086$	$r_s(z_*)$	$146.93^{+0.82}_{-0.81}$
$R$	$1.713 \pm 0.010$	$\sigma_8$	$0.800 \pm 0.017$
$\sigma_8 \Omega_m^{0.5}$	$0.404 \pm 0.019$	$\sigma_8 \Omega_m^{0.6}$	$0.353 \pm 0.018$
$A_{\text{SZ}}$	$< 1.0$ (95% CL)	$t_0$	$13.683^{+0.070}_{-0.071}$ Gyr
$\tau$	$0.086 \pm 0.013$	$\theta_*$	$0.010407 \pm 0.000014$
$\theta_*$	$0.59627 \pm 0.00080$ $^\circ$	$\tau_{\text{rec}}$	$286.1 \pm 1.6$
$t_{\text{reion}}$	$478 \pm 66$ Myr	$t_*$	$380105^{+2829}_{-2792}$ yr
$\alpha_0$	$< 0.068$ (95% CL)	$z_d$	$1020.09^{+0.84}_{-0.83}$
$z_{\text{eq}}$	$3166^{+70}_{-71}$	$z_{\text{rec}}$	$1087.97 \pm 0.64$
$z_{\text{reion}}$	$10.3^{+1.0}_{-1.1}$	$z_*$	$1090.73^{+0.60}_{-0.58}$