

WMAP Cosmological Parameters

Model: lcdm+run

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

$10^9 \Delta_{\mathcal{R}}^2$	$2.340 \pm 0.088$	$H_0$	$69.36 \pm 0.79$ km/s/Mpc
$A_{\text{clustered}}$	$< 12$ (95% CL)	$A_{\text{Poisson}}^{\text{ACT}}$	$13.7 \pm 2.6$
$A_{\text{Poisson}}^{\text{SPT}}$	$> 14$ (95% CL)	$\ell(\ell+1)C_{220}/(2\pi)$	$5763 \pm 33$ $\mu\text{K}^2$
$d_A(z_{\text{eq}})$	$14151 \pm 67$ Mpc	$d_A(z_*)$	$13985_{-67}^{+68}$ Mpc
$dn_s/d \ln k$	$-0.023 \pm 0.011$	$D_v(z=0.57)/r_s(z_d)$	$13.36 \pm 0.11$
$\eta$	$(6.100_{-0.092}^{+0.091}) \times 10^{-10}$	$k_{\text{eq}}$	$0.01008 \pm 0.00015$
$\ell_{\text{eq}}$	$140.9 \pm 1.4$	$\ell_*$	$302.01_{-0.40}^{+0.39}$
$n_b$	$(2.506_{-0.038}^{+0.037}) \times 10^{-7}$ $\text{cm}^{-3}$	$n_s$	$1.020 \pm 0.029$
$\Omega_b$	$0.04638 \pm 0.00093$	$\Omega_b h^2$	$0.02231_{-0.00034}^{+0.00033}$
$\Omega_c$	$0.2408 \pm 0.0087$	$\Omega_c h^2$	$0.1158 \pm 0.0019$
$\Omega_\Lambda$	$0.7128 \pm 0.0095$	$\Omega_m$	$0.2872 \pm 0.0095$
$\Omega_m h^2$	$0.1381 \pm 0.0020$	$r_s(z_d)$	$152.06_{-0.71}^{+0.70}$ Mpc
$r_s(z_d)/D_v(z=0.106)$	$0.3426 \pm 0.0042$	$r_s(z_d)/D_v(z=0.2)$	$0.1872 \pm 0.0021$
$r_s(z_d)/D_v(z=0.35)$	$0.1126 \pm 0.0011$	$r_s(z_d)/D_v(z=0.44)$	$0.09249 \pm 0.00086$
$r_s(z_d)/D_v(z=0.54)$	$0.07816 \pm 0.00067$	$r_s(z_d)/D_v(z=0.57)$	$0.07486 \pm 0.00062$
$r_s(z_d)/D_v(z=0.6)$	$0.07191 \pm 0.00058$	$r_s(z_d)/D_v(z=0.73)$	$0.06202 \pm 0.00045$
$r_s(z_*)$	$145.48 \pm 0.59$	$R$	$1.7333 \pm 0.0058$
$\sigma_8$	$0.821 \pm 0.014$	$\sigma_8 \Omega_m^{0.5}$	$0.440 \pm 0.012$
$\sigma_8 \Omega_m^{0.6}$	$0.388 \pm 0.012$	$\alpha_{\text{SNLS}}$	$1.43 \pm 0.11$
$\beta_{\text{SNLS}}$	$3.25 \pm 0.11$	$A_{\text{SZ}}$	$< 1.4$ (95% CL)
$t_0$	$13.754 \pm 0.060$ Gyr	$\tau$	$0.090 \pm 0.014$
$\theta_*$	$0.010402_{-0.000013}^{+0.000014}$	$\theta_*$	$0.59601_{-0.00077}^{+0.00078}$ $^\circ$
$\tau_{\text{rec}}$	$283.0 \pm 1.0$	$t_{\text{reion}}$	$435_{-64}^{+63}$ Myr
$t_*$	$374546_{-1737}^{+1754}$ yr	$z_d$	$1020.14_{-0.80}^{+0.81}$
$z_{\text{eq}}$	$3305 \pm 48$	$z_{\text{rec}}$	$1088.63 \pm 0.58$
$z_{\text{reion}}$	$10.9_{-1.1}^{+1.2}$	$z_*$	$1091.57 \pm 0.47$