WMAP Cosmological Parameters

Model: wcdm+mnu

Data: wmap9+h0

$10^9 \Delta_{\mathcal{R}}^2$	2.51 ± 0.13	H_0	73.6 ± 2.4 km/s/Mpc
$\ell(\ell+1)C_{220}/(2\pi)$	$5754 \pm 37 \ \mu\text{K}^2$	$d_A(z_{\text{eq}})$	14138 ± 127 Mpc
$d_A(z_*)$	13972 ± 128 Mpc	$D_v(z=0.57)/r_s(z_d)$	$13.80^{+0.58}_{-0.55}$
η	$(6.07 \pm 0.16) \times 10^{-10}$	k_{eq}	$0.01013^{+0.00035}_{-0.00034}$
ℓ_{eq}	$141.4^{+3.7}_{-3.6}$	ℓ_*	$302.40^{+0.67}_{-0.66}$
$\sum m_\nu$	< 1.3 eV (95% CL)	n_b	$(2.491 \pm 0.066) \times 10^{-7} \ \text{cm}^{-3}$
n_s	0.959 ± 0.017	Ω_b	0.0411 ± 0.0029
$\Omega_b h^2$	0.02218 ± 0.00059	Ω_c	0.216 ± 0.017
$\Omega_c h^2$	$0.1163^{+0.0049}_{-0.0048}$	Ω_Λ	0.731 ± 0.022
Ω_m	0.269 ± 0.022	$\Omega_m h^2$	$0.1451^{+0.0074}_{-0.0073}$
$\Omega_\nu h^2$	< 0.014 (95% CL)	$r_s(z_d)$	151.8 ± 1.3 Mpc
$r_s(z_d)/D_v(z=0.106)$	$0.351^{+0.012}_{-0.011}$	$r_s(z_d)/D_v(z=0.2)$	0.1881 ± 0.0069
$r_s(z_d)/D_v(z=0.35)$	$0.1107^{+0.0044}_{-0.0047}$	$r_s(z_d)/D_v(z=0.44)$	$0.0903^{+0.0037}_{-0.0039}$
$r_s(z_d)/D_v(z=0.54)$	$0.0759^{+0.0031}_{-0.0032}$	$r_s(z_d)/D_v(z=0.57)$	$0.0726^{+0.0029}_{-0.0030}$
$r_s(z_d)/D_v(z=0.6)$	$0.0697^{+0.0028}_{-0.0029}$	$r_s(z_d)/D_v(z=0.73)$	$0.0600^{+0.0022}_{-0.0023}$
$r_s(z_*)$	$145.2^{+1.2}_{-1.3}$	R	$1.774^{+0.034}_{-0.033}$
σ_8	$0.782^{+0.064}_{-0.063}$	$\sigma_8 \Omega_m^{0.5}$	0.405 ± 0.031
$\sigma_8 \Omega_m^{0.6}$	0.355 ± 0.027	A_{SZ}	< 2.0 (95% CL)
t_0	$13.96^{+0.22}_{-0.21}$ Gyr	τ	0.086 ± 0.013
θ_*	0.010389 ± 0.000023	θ_*	0.5952 ± 0.0013 °
τ_{rec}	282.1 ± 2.7	t_{reion}	439^{+62}_{-64} Myr
t_*	372945^{+4826}_{-4821} yr	w	$-1.45^{+0.29}_{-0.31}$
z_d	$1019.9^{+1.2}_{-1.3}$	z_{eq}	3316^{+113}_{-112}
z_{rec}	1088.9 ± 1.0	z_{reion}	10.6 ± 1.1
z_*	$1091.8^{+1.1}_{-1.0}$		