WMAP Cosmological Parameters

Model: wcdm+mnu

Data: wmap9+bao

$10^9\Delta^2_{\mathcal{R}}$	2.444 ± 0.098	H_0	70.4 ± 3.4 km/s/Mpc
$\ell(\ell+1)C_{220}/(2\pi)$	5751^{+36}_{-35} μK^2	$d_A(z_{\rm eq})$	14180^{+113}_{-112} Mpc
$d_A(z_*)$	14015^{+114}_{-113} Mpc	$D_v(z=0.57)/r_s(z_d)$	$13.61^{+0.16}_{-0.15}$
η	$(6.13 \pm 0.13) \times 10^{-10}$	$k_{\rm eq}$	0.01000 ± 0.00029
$\ell_{\rm eq}$	140.1 ± 3.1	ℓ_*	$302.36^{+0.64}_{-0.65}$
$\sum m_\nu$	< 0.81 eV (95% CL)	n_b	$(2.519^{+0.054}_{-0.055}) \times 10^{-7}$ cm^{-3}
n_s	0.967 ± 0.012	Ω_b	$0.0456^{+0.0047}_{-0.0048}$
$\Omega_b h^2$	$0.02243^{+0.00048}_{-0.00049}$	Ω_c	0.232 ± 0.020
$\Omega_c h^2$	0.1144 ± 0.0040	Ω_Λ	0.714 ± 0.023
Ω_m	0.286 ± 0.023	$\Omega_m h^2$	$0.1411^{+0.0041}_{-0.0042}$
$\Omega_\nu h^2$	< 0.0086 (95% CL)	$r_s(z_d)$	152.2 ± 1.2 Mpc
$r_s(z_d)/D_v(z=0.106)$	0.344 ± 0.011	$r_s(z_d)/D_v(z=0.2)$	0.1863 ± 0.0040
$r_s(z_d)/D_v(z=0.35)$	0.1112 ± 0.0014	$r_s(z_d)/D_v(z=0.44)$	0.0910 ± 0.0010
$r_s(z_d)/D_v(z=0.54)$	$0.07676^{+0.00085}_{-0.00087}$	$r_s(z_d)/D_v(z=0.57)$	$0.07350^{+0.00083}_{-0.00084}$
$r_s(z_d)/D_v(z=0.6)$	$0.07057^{+0.00081}_{-0.00082}$	$r_s(z_d)/D_v(z=0.73)$	$0.06082^{+0.00075}_{-0.00076}$
$r_s(z_*)$	145.6 ± 1.1	R	1.755 ± 0.017
σ_8	$0.773^{+0.062}_{-0.060}$	$\sigma_8\Omega_m^{0.5}$	$0.412^{+0.031}_{-0.030}$
$\sigma_8\Omega_m^{0.6}$	0.364 ± 0.027	$A_{\rm SZ}$	< 2.0 (95% CL)
t_0	13.91 ± 0.12 Gyr	τ	0.088 ± 0.013
θ_*	0.010390 ± 0.000022	θ_*	0.5953 ± 0.0013 °
$\tau_{\rm rec}$	$283.4^{+2.1}_{-2.0}$	$t_{\rm reion}$	441 ± 63 Myr
t_*	375250^{+3551}_{-3477} yr	w	-1.17 ± 0.20
z_d	$1020.3^{+1.2}_{-1.1}$	$z_{\rm eq}$	3276 ± 96
$z_{\rm rec}$	1088.48 ± 0.74	$z_{\rm reion}$	10.7 ± 1.1
z_*	$1091.30^{+0.77}_{-0.76}$		