WMAP Cosmological Parameters

Model: wcdm+mnu

Data: wmap9+snls3+h0

$10^9 \Delta_{\mathcal{R}}^2$	2.40 ± 0.10	H_0	72.2 ± 1.8 km/s/Mpc
$\ell(\ell+1)C_{220}/(2\pi)$	$5755 \pm 35 \ \mu\text{K}^2$	$d_A(z_{\text{eq}})$	14205^{+116}_{-115} Mpc
$d_A(z_*)$	14040 ± 117 Mpc	$D_v(z=0.57)/r_s(z_d)$	13.31 ± 0.30
η	$(6.19 \pm 0.14) \times 10^{-10}$	k_{eq}	0.00989 ± 0.00031
ℓ_{eq}	138.9 ± 3.3	ℓ_*	302.22 ± 0.63
$\sum m_\nu$	< 0.67 eV (95% CL)	n_b	$(2.542^{+0.055}_{-0.056}) \times 10^{-7} \ \text{cm}^{-3}$
n_s	0.973 ± 0.013	Ω_b	0.0435 ± 0.0021
$\Omega_b h^2$	0.02264 ± 0.00049	Ω_c	0.217 ± 0.015
$\Omega_c h^2$	0.1128 ± 0.0043	Ω_Λ	0.734 ± 0.019
Ω_m	0.266 ± 0.019	$\Omega_m h^2$	0.1383 ± 0.0047
$\Omega_\nu h^2$	< 0.0071 (95% CL)	$r_s(z_d)$	152.4 ± 1.2 Mpc
$r_s(z_d)/D_v(z=0.106)$	0.3535 ± 0.0093	$r_s(z_d)/D_v(z=0.2)$	0.1915 ± 0.0049
$r_s(z_d)/D_v(z=0.35)$	0.1141 ± 0.0028	$r_s(z_d)/D_v(z=0.44)$	0.0933 ± 0.0022
$r_s(z_d)/D_v(z=0.54)$	0.0785 ± 0.0018	$r_s(z_d)/D_v(z=0.57)$	0.0752 ± 0.0017
$r_s(z_d)/D_v(z=0.6)$	0.0721 ± 0.0016	$r_s(z_d)/D_v(z=0.73)$	0.0620 ± 0.0013
$r_s(z_*)$	145.9 ± 1.1	R	1.741 ± 0.019
σ_8	$0.795^{+0.050}_{-0.051}$	$\sigma_8 \Omega_m^{0.5}$	0.410 ± 0.028
$\sigma_8 \Omega_m^{0.6}$	0.359 ± 0.025	α_{SNLS}	1.44 ± 0.11
β_{SNLS}	3.27 ± 0.11	A_{SZ}	< 2.0 (95% CL)
t_0	13.79 ± 0.13 Gyr	τ	0.090 ± 0.014
θ_*	0.010395 ± 0.000022	θ_*	$0.5956^{+0.0013}_{-0.0012} \ ^\circ$
τ_{rec}	284.3 ± 2.3	t_{reion}	444 ± 63 Myr
t_*	376937^{+3927}_{-3940} yr	w	-1.135 ± 0.089
z_d	1020.6 ± 1.1	z_{eq}	3243^{+100}_{-101}
z_{rec}	1088.12 ± 0.78	z_{reion}	10.7 ± 1.1
z_*	$1090.88^{+0.82}_{-0.81}$		