WMAP Cosmological Parameters

Model: lcdm+yhe

Data: wmap9+snls3+h0

$10^9\Delta_{\mathcal{R}}^2$	2.336 ± 0.085	H_0	72.3 ± 1.5 km/s/Mpc
$\ell(\ell+1)C_{220}/(2\pi)$	$5761^{+34}_{-33}\ \mu\mathrm{K}^2$	$d_A(z_{\mathrm{eq}})$	14294^{+161}_{-162} Mpc
$d_A(z_*)$	14130^{+162}_{-164} Mpc	$D_v(z=0.57)/r_s(z_d)$	12.95 ± 0.22
η	$(6.28 \pm 0.13) \times 10^{-10}$	k_{eq}	0.00962 ± 0.00033
ℓ_{eq}	135.9 ± 3.2	ℓ_*	$302.3^{+1.1}_{-1.2}$
n_b	$(2.578 \pm 0.052) \times 10^{-7}\ \mathrm{cm}^{-3}$	n_s	0.979 ± 0.014
Ω_b	0.0440 ± 0.0016	$\Omega_b h^2$	0.02296 ± 0.00046
Ω_c	0.209 ± 0.016	$\Omega_c h^2$	0.1089 ± 0.0045
Ω_Λ	0.747 ± 0.017	Ω_m	0.253 ± 0.017
$\Omega_m h^2$	0.1318 ± 0.0045	$r_s(z_d)$	153.3 ± 1.4 Mpc
$r_s(z_d)/D_v(z=0.106)$	0.3587 ± 0.0086	$r_s(z_d)/D_v(z=0.2)$	0.1953 ± 0.0044
$r_s(z_d)/D_v(z=0.35)$	0.1169 ± 0.0023	$r_s(z_d)/D_v(z=0.44)$	0.0958 ± 0.0018
$r_s(z_d)/D_v(z=0.54)$	0.0807 ± 0.0014	$r_s(z_d)/D_v(z=0.57)$	0.0772 ± 0.0013
$r_s(z_d)/D_v(z=0.6)$	0.0741 ± 0.0012	$r_s(z_d)/D_v(z=0.73)$	0.06370 ± 0.00093
$r_s(z_*)$	146.9 ± 1.3	R	1.711 ± 0.012
σ_8	0.800 ± 0.035	$\sigma_8\Omega_m^{0.5}$	0.402 ± 0.028
$\sigma_8\Omega_m^{0.6}$	0.351 ± 0.027	α_{SNLS}	1.43 ± 0.11
β_{SNLS}	3.26 ± 0.11	A_{SZ}	< 2.0 (95% CL)
t_0	13.68 ± 0.12 Gyr	τ	0.094 ± 0.014
θ_*	$0.010393^{+0.000040}_{-0.000039}$	θ_*	0.5955 ± 0.0023 °
τ_{rec}	$286.7^{+2.9}_{-3.0}$	t_{reion}	463^{+79}_{-80} Myr
t_*	380905^{+4232}_{-4243} yr	Y_{He}	< 0.38 (95% CL)
z_d	1021.0 ± 1.1	z_{eq}	3155 ± 107
z_{reion}	10.6 ± 1.3	z_*	1090.12 ± 0.73