WMAP Cosmological Parameters

Model: lcdm+yhe

Data: wmap9+h0

$10^9\Delta_{\mathcal{R}}^2$	2.350 ± 0.088	H_0	71.8 ± 1.7 km/s/Mpc
$\ell(\ell+1)C_{220}/(2\pi)$	5759 ± 34 μK^2	$d_A(z_{\rm eq})$	14254^{+176}_{-177} Mpc
$d_A(z_*)$	14090^{+177}_{-178} Mpc	$D_v(z=0.57)/r_s(z_d)$	13.03 ± 0.24
η	$(6.26 \pm 0.13) \times 10^{-10}$	$k_{\rm eq}$	0.00973 ± 0.00037
$\ell_{\rm eq}$	137.0 ± 3.6	ℓ_*	302.2 ± 1.2
n_b	$(2.572 \pm 0.052) \times 10^{-7}$ cm^{-3}	n_s	0.979 ± 0.015
Ω_b	0.0445 ± 0.0017	$\Omega_b h^2$	$0.02290^{+0.00046}_{-0.00047}$
Ω_c	0.215 ± 0.018	$\Omega_c h^2$	0.1104 ± 0.0051
Ω_Λ	0.741 ± 0.020	Ω_m	0.259 ± 0.020
$\Omega_m h^2$	0.1333 ± 0.0050	$r_s(z_d)$	152.9 ± 1.5 Mpc
$r_s(z_d)/D_v(z=0.106)$	0.3557 ± 0.0095	$r_s(z_d)/D_v(z=0.2)$	0.1938 ± 0.0048
$r_s(z_d)/D_v(z=0.35)$	0.1161 ± 0.0026	$r_s(z_d)/D_v(z=0.44)$	0.0951 ± 0.0020
$r_s(z_d)/D_v(z=0.54)$	0.0802 ± 0.0015	$r_s(z_d)/D_v(z=0.57)$	0.0768 ± 0.0014
$r_s(z_d)/D_v(z=0.6)$	0.0737 ± 0.0013	$r_s(z_d)/D_v(z=0.73)$	0.0634 ± 0.0010
$r_s(z_*)$	146.5 ± 1.4	R	1.715 ± 0.013
σ_8	$0.808^{+0.039}_{-0.038}$	$\sigma_8\Omega_m^{0.5}$	0.412 ± 0.032
$\sigma_8\Omega_m^{0.6}$	$0.360^{+0.031}_{-0.030}$	$A_{\rm SZ}$	< 2.0 (95% CL)
t_0	$13.68^{+0.12}_{-0.13}$ Gyr	τ	0.093 ± 0.014
θ_*	0.010398 ± 0.000042	θ_*	0.5957 ± 0.0024 $^\circ$
$\tau_{\rm rec}$	285.8 ± 3.3	$t_{\rm reion}$	457^{+80}_{-81} Myr
t_*	379516^{+4726}_{-4749} yr	$Y_{\rm He}$	< 0.40 (95% CL)
z_d	1021.0 ± 1.1	$z_{\rm eq}$	3190^{+121}_{-120}
$z_{\rm reion}$	10.7 ± 1.3	z_*	1090.32 ± 0.79