WMAP Cosmological Parameters

Model: lcdm+iso+uncorr

Data: wmap9

$10^9\Delta^2_{\mathcal{R}}$	2.36 ± 0.10	H_0	$72.8^{+3.1}_{-3.2}$ km/s/Mpc
$\ell(\ell+1)C_{220}/(2\pi)$	5740 ± 36 μK^2	$d_A(z_{\rm eq})$	14241 ± 121 Mpc
$d_A(z_*)$	14077 ± 123 Mpc	$D_v(z=0.57)/r_s(z_d)$	$12.92^{+0.42}_{-0.41}$
η	$(6.36 \pm 0.20) \times 10^{-10}$	$k_{\rm eq}$	0.00968 ± 0.00038
$\ell_{\rm eq}$	136.2 ± 4.3	ℓ_*	301.91 ± 0.75
n_b	$(2.614^{+0.080}_{-0.081}) \times 10^{-7}$ cm^{-3}	n_s	0.994 ± 0.021
Ω_b	0.0440 ± 0.0028	$\Omega_b h^2$	$0.02328^{+0.00071}_{-0.00072}$
Ω_c	0.208 ± 0.028	$\Omega_c h^2$	0.1093 ± 0.0056
Ω_Λ	0.748 ± 0.031	Ω_m	0.252 ± 0.031
$\Omega_m h^2$	0.1326 ± 0.0052	$r_s(z_d)$	152.8 ± 1.3 Mpc
$r_s(z_d)/D_v(z=0.106)$	$0.360^{+0.016}_{-0.017}$	$r_s(z_d)/D_v(z=0.2)$	$0.1961^{+0.0083}_{-0.0084}$
$r_s(z_d)/D_v(z=0.35)$	$0.1173^{+0.0044}_{-0.0045}$	$r_s(z_d)/D_v(z=0.44)$	0.0961 ± 0.0034
$r_s(z_d)/D_v(z=0.54)$	$0.0809^{+0.0026}_{-0.0027}$	$r_s(z_d)/D_v(z=0.57)$	0.0775 ± 0.0025
$r_s(z_d)/D_v(z=0.6)$	0.0743 ± 0.0023	$r_s(z_d)/D_v(z=0.73)$	0.0639 ± 0.0018
$r_s(z_*)$	146.5 ± 1.3	R	$1.709^{+0.022}_{-0.021}$
σ_8	0.805 ± 0.027	$\sigma_8\Omega_m^{0.5}$	0.404 ± 0.036
$\sigma_8\Omega_m^{0.6}$	0.352 ± 0.035	$A_{\rm SZ}$	< 2.0 (95% CL)
t_0	13.61 ± 0.16 Gyr	τ	0.089 ± 0.014
θ_*	0.010406 ± 0.000026	θ_*	0.5962 ± 0.0015 °
$\tau_{\rm rec}$	286.1 ± 2.9	$t_{\rm reion}$	476^{+69}_{-70} Myr
t_*	380420^{+5153}_{-5204} yr	α_0	< 0.15 (95% CL)
z_d	1021.7 ± 1.4	$z_{\rm eq}$	3174^{+125}_{-124}
$z_{\rm rec}$	1087.2 ± 1.0	$z_{\rm reion}$	10.3 ± 1.1
z_*	1089.8 ± 1.2		