WMAP Cosmological Parameters

Model: lcdm

Data: wmap9+snls3+bao+h0

$10^9\Delta^2_{\mathcal{R}}$	2.417 ± 0.078	H_0	69.60 ± 0.86 km/s/Mpc
$\ell(\ell+1)C_{220}/(2\pi)$	5747^{+32}_{-33} μK^2	$d_A(z_{\rm eq})$	14156^{+93}_{-92} Mpc
$d_A(z_*)$	13990 ± 93 Mpc	$D_v(z=0.57)/r_s(z_d)$	13.35 ± 0.12
η	$(6.21 \pm 0.12) \times 10^{-10}$	$k_{\rm eq}$	0.01005 ± 0.00018
$\ell_{\rm eq}$	140.6 ± 1.6	ℓ_*	302.32 ± 0.59
n_b	$(2.549 \pm 0.048) \times 10^{-7}$ cm^{-3}	n_s	0.973 ± 0.010
Ω_b	0.04686 ± 0.00100	$\Omega_b h^2$	0.02269 ± 0.00043
Ω_c	0.2377 ± 0.0089	$\Omega_c h^2$	0.1151 ± 0.0023
Ω_Λ	$0.7154^{+0.0097}_{-0.0098}$	Ω_m	$0.2846^{+0.0098}_{-0.0097}$
$\Omega_m h^2$	0.1377 ± 0.0024	$r_s(z_d)$	151.82 ± 0.92 Mpc
$r_s(z_d)/D_v(z=0.106)$	$0.3431^{+0.0043}_{-0.0044}$	$r_s(z_d)/D_v(z=0.2)$	0.1874 ± 0.0022
$r_s(z_d)/D_v(z=0.35)$	0.1127 ± 0.0012	$r_s(z_d)/D_v(z=0.44)$	0.09255 ± 0.00089
$r_s(z_d)/D_v(z=0.54)$	0.07819 ± 0.00069	$r_s(z_d)/D_v(z=0.57)$	0.07489 ± 0.00065
$r_s(z_d)/D_v(z=0.6)$	$0.07193^{+0.00060}_{-0.00061}$	$r_s(z_d)/D_v(z=0.73)$	0.06202 ± 0.00047
$r_s(z_*)$	145.38 ± 0.76	R	1.7317 ± 0.0060
σ_8	0.827 ± 0.018	$\sigma_8\Omega_m^{0.5}$	0.441 ± 0.014
$\sigma_8\Omega_m^{0.6}$	0.389 ± 0.014	$\alpha_{\rm SNLS}$	1.43 ± 0.11
$\beta_{\rm SNLS}$	3.26 ± 0.11	$A_{\rm SZ}$	< 2.0 (95% CL)
t_0	13.743 ± 0.085 Gyr	τ	0.088 ± 0.013
θ_*	0.010392 ± 0.000020	θ_*	0.5954 ± 0.0012 °
$\tau_{\rm rec}$	283.2 ± 1.2	$t_{\rm reion}$	452 ± 64 Myr
t_*	375168^{+2057}_{-2047} yr	z_d	1021.0 ± 1.1
$z_{\rm eq}$	3297 ± 58	$z_{\rm rec}$	$1088.19^{+0.61}_{-0.62}$
$z_{\rm reion}$	10.6 ± 1.1	z_*	1091.00 ± 0.54