WMAP Cosmological Parameters

Model: lcdm+mnu

Data: wmap9+snls3+bao+h0

$10^9\Delta^2_{\mathcal{R}}$	2.382 ± 0.082	H_0	69.12 ± 0.93 km/s/Mpc
$\ell(\ell+1)C_{220}/(2\pi)$	5756 ± 33 μK^2	$d_A(z_{\rm eq})$	14197 ± 98 Mpc
$d_A(z_*)$	14031 ± 99 Mpc	$D_v(z=0.57)/r_s(z_d)$	13.38 ± 0.12
η	$(6.23 \pm 0.12) \times 10^{-10}$	$k_{\rm eq}$	$0.00989^{+0.00021}_{-0.00022}$
$\ell_{\rm eq}$	138.8 ± 2.2	ℓ_*	302.15 ± 0.61
$\sum m_\nu$	< 0.43 eV (95% CL)	n_b	$(2.560 \pm 0.049) \times 10^{-7}$ cm^{-3}
n_s	0.976 ± 0.011	Ω_b	0.0477 ± 0.0012
$\Omega_b h^2$	0.02279 ± 0.00044	Ω_c	$0.2361^{+0.0089}_{-0.0090}$
$\Omega_c h^2$	0.1127 ± 0.0029	Ω_Λ	0.712 ± 0.010
Ω_m	0.288 ± 0.010	$\Omega_m h^2$	0.1374 ± 0.0024
$\Omega_\nu h^2$	< 0.0046 (95% CL)	$r_s(z_d)$	152.3 ± 1.0 Mpc
$r_s(z_d)/D_v(z=0.106)$	0.3420 ± 0.0044	$r_s(z_d)/D_v(z=0.2)$	0.1869 ± 0.0022
$r_s(z_d)/D_v(z=0.35)$	0.1124 ± 0.0012	$r_s(z_d)/D_v(z=0.44)$	0.09235 ± 0.00090
$r_s(z_d)/D_v(z=0.54)$	0.07804 ± 0.00070	$r_s(z_d)/D_v(z=0.57)$	0.07475 ± 0.00065
$r_s(z_d)/D_v(z=0.6)$	0.07181 ± 0.00061	$r_s(z_d)/D_v(z=0.73)$	0.06193 ± 0.00047
$r_s(z_*)$	145.89 ± 0.86	R	1.7349 ± 0.0062
σ_8	$0.780^{+0.040}_{-0.043}$	$\sigma_8\Omega_m^{0.5}$	0.418 ± 0.023
$\sigma_8\Omega_m^{0.6}$	$0.369^{+0.020}_{-0.021}$	$\alpha_{\rm SNLS}$	1.43 ± 0.11
$\beta_{\rm SNLS}$	3.26 ± 0.11	$A_{\rm SZ}$	< 2.0 (95% CL)
t_0	13.796 ± 0.096 Gyr	τ	0.090 ± 0.013
θ_*	0.010397 ± 0.000021	θ_*	0.5957 ± 0.0012 °
$\tau_{\rm rec}$	284.4 ± 1.5	$t_{\rm reion}$	445 ± 63 Myr
t_*	377136^{+2562}_{-2545} yr	z_d	1021.0 ± 1.1
$z_{\rm eq}$	3244 ± 71	$z_{\rm rec}$	$1087.94^{+0.64}_{-0.63}$
$z_{\rm reion}$	10.7 ± 1.1	z_*	$1090.67^{+0.60}_{-0.59}$