WMAP Cosmological Parameters

Model: olcdm

Data: wmap9+snls3+h0

$10^9\Delta^2_{\mathcal{R}}$	2.382 ± 0.095	H_0	73.9 ± 2.2 km/s/Mpc
$\ell(\ell+1)C_{220}/(2\pi)$	5749 ± 35 μK^2	$d_A(z_{\rm eq})$	14221 ± 112 Mpc
$d_A(z_*)$	14050 ± 115 Mpc	$D_v(z=0.57)/r_s(z_d)$	12.75 ± 0.29
η	$(6.22 \pm 0.13) \times 10^{-10}$	$k_{\rm eq}$	0.00987 ± 0.00030
$\ell_{\rm eq}$	138.7 ± 3.2	ℓ_*	302.28 ± 0.64
n_b	$(2.554 \pm 0.054) \times 10^{-7}$ cm^{-3}	n_s	0.976 ± 0.012
Ω_b	0.0417 ± 0.0026	$\Omega_b h^2$	0.02274 ± 0.00048
Ω_c	0.206 ± 0.014	$\Omega_c h^2$	0.1125 ± 0.0042
Ω_k	0.0054 ± 0.0048	Ω_k	$-0.0044 < \Omega_k < 0.0146$ (95% CL)
Ω_Λ	0.747 ± 0.015	Ω_m	$0.248^{+0.016}_{-0.017}$
$\Omega_m h^2$	0.1353 ± 0.0041	$\Omega_{\rm tot}$	0.9946 ± 0.0048
$\Omega_{\rm tot}$	$0.99 < \Omega_{\rm tot} < 1.00$ (95% CL)	$r_s(z_d)$	152.5 ± 1.2 Mpc
$r_s(z_d)/D_v(z=0.106)$	0.365 ± 0.011	$r_s(z_d)/D_v(z=0.2)$	0.1986 ± 0.0055
$r_s(z_d)/D_v(z=0.35)$	0.1189 ± 0.0030	$r_s(z_d)/D_v(z=0.44)$	0.0973 ± 0.0024
$r_s(z_d)/D_v(z=0.54)$	0.0820 ± 0.0019	$r_s(z_d)/D_v(z=0.57)$	0.0785 ± 0.0018
$r_s(z_d)/D_v(z=0.6)$	0.0753 ± 0.0017	$r_s(z_d)/D_v(z=0.73)$	0.0647 ± 0.0013
$r_s(z_*)$	146.0 ± 1.1	R	1.723 ± 0.014
σ_8	0.819 ± 0.024	$\sigma_8\Omega_m^{0.5}$	0.408 ± 0.021
$\sigma_8\Omega_m^{0.6}$	0.355 ± 0.020	$\alpha_{\rm SNLS}$	1.43 ± 0.11
$\beta_{\rm SNLS}$	3.26 ± 0.11	$A_{\rm SZ}$	< 2.0 (95% CL)
t_0	13.42 ± 0.24 Gyr	τ	0.090 ± 0.014
θ_*	0.010393 ± 0.000022	θ_*	0.5955 ± 0.0013 °
$\tau_{\rm rec}$	284.6 ± 2.2	$t_{\rm reion}$	450^{+63}_{-64} Myr
t_*	377511^{+3818}_{-3810} yr	z_d	1020.8 ± 1.1
$z_{\rm eq}$	3237 ± 98	$z_{\rm rec}$	$1087.97^{+0.75}_{-0.74}$
$z_{\rm reion}$	10.7 ± 1.1	z_*	$1090.73^{+0.78}_{-0.79}$