WMAP Cosmological Parameters

Model: wcdm

Data: wmap9+snls3

$10^9 \Delta_{\mathcal{R}}^2$	2.40 ± 0.10	H_0	72.3 ± 2.4 km/s/Mpc
$\ell(\ell+1)C_{220}/(2\pi)$	$5748 \pm 35 \ \mu K^2$	$d_A(z_{\rm eq})$	14205^{+116}_{-117} Mpc
$d_A(z_*)$	14040 ± 118 Mpc	$D_v(z=0.57)/r_s(z_d)$	13.15 ± 0.27
η	$(6.20 \pm 0.14) \times 10^{-10}$	$k_{\rm eq}$	0.00992 ± 0.00032
$\ell_{\rm eq}$	139.2 ± 3.5	ℓ_*	302.31 ± 0.65
n_b	$(2.545 \pm 0.056) \times 10^{-7}$ cm^{-3}	n_s	0.973 ± 0.013
Ω_b	$0.0435^{+0.0027}_{-0.0028}$	$\Omega_b h^2$	0.02267 ± 0.00050
Ω_c	0.217 ± 0.019	$\Omega_c h^2$	0.1132 ± 0.0045
Ω_Λ	0.739 ± 0.021	Ω_m	0.261 ± 0.021
$\Omega_m h^2$	0.1359 ± 0.0044	$r_s(z_d)$	152.4 ± 1.3 Mpc
$r_s(z_d)/D_v(z=0.106)$	0.355 ± 0.011	$r_s(z_d)/D_v(z=0.2)$	0.1931 ± 0.0055
$r_s(z_d)/D_v(z=0.35)$	0.1153 ± 0.0028	$r_s(z_d)/D_v(z=0.44)$	0.0944 ± 0.0022
$r_s(z_d)/D_v(z=0.54)$	0.0795 ± 0.0017	$r_s(z_d)/D_v(z=0.57)$	0.0761 ± 0.0016
$r_s(z_d)/D_v(z=0.6)$	0.0730 ± 0.0015	$r_s(z_d)/D_v(z=0.73)$	0.0628 ± 0.0012
$r_s(z_*)$	145.9 ± 1.2	R	1.726 ± 0.016
σ_8	0.837 ± 0.038	$\sigma_8 \Omega_m^{0.5}$	0.427 ± 0.027
$\sigma_8 \Omega_m^{0.6}$	0.374 ± 0.026	$\alpha_{\rm SNLS}$	1.43 ± 0.11
$\beta_{\rm SNLS}$	3.26 ± 0.11	$A_{\rm SZ}$	< 2.0 (95% CL)
t_0	13.70 ± 0.11 Gyr	τ	0.089 ± 0.014
θ_*	0.010392 ± 0.000022	θ_*	0.5954 ± 0.0013 °
$\tau_{\rm rec}$	284.2 ± 2.4	$t_{\rm reion}$	452^{+63}_{-64} Myr
t_*	376886^{+4105}_{-4108} yr	w	-1.061 ± 0.075
z_d	1020.7 ± 1.1	$z_{\rm eq}$	3252 ± 105
$z_{\rm rec}$	$1088.09^{+0.80}_{-0.79}$	$z_{\rm reion}$	10.6 ± 1.1
z_*	$1090.88^{+0.86}_{-0.85}$		