WMAP Cosmological Parameters

Model: lcdm+run+tens

Data: wmap9+snls3

$10^9\Delta^2_{\mathcal{R}}$	$2.15^{+0.16}_{-0.17}$	H_0	72.7 ± 2.8 km/s/Mpc
$\ell(\ell+1)C_{220}/(2\pi)$	5759 ± 35 μK^2	$d_A(z_{\rm eq})$	14236 ± 125 Mpc
$d_A(z_*)$	14071 ± 127 Mpc	$dn_s/d\ln k$	-0.019 ± 0.026
$D_v(z=0.57)/r_s(z_d)$	12.94 ± 0.38	η	$(6.34 \pm 0.19) \times 10^{-10}$
$k_{\rm eq}$	0.00970 ± 0.00037	$\ell_{\rm eq}$	136.5 ± 4.1
ℓ_*	301.85 ± 0.68	n_b	$(2.603 \pm 0.078) \times 10^{-7}$ cm^{-3}
n_s	1.041 ± 0.063	n_t	> -0.068 (95% CL)
Ω_b	0.0440 ± 0.0025	$\Omega_b h^2$	0.02317 ± 0.00070
Ω_c	0.210 ± 0.026	$\Omega_c h^2$	0.1097 ± 0.0054
Ω_Λ	$0.746^{+0.028}_{-0.029}$	Ω_m	$0.254^{+0.029}_{-0.028}$
$\Omega_m h^2$	0.1329 ± 0.0051	r	< 0.55 (95% CL)
$r_s(z_d)$	152.8 ± 1.3 Mpc	$r_s(z_d)/D_v(z=0.106)$	0.359 ± 0.015
$r_s(z_d)/D_v(z=0.2)$	0.1957 ± 0.0076	$r_s(z_d)/D_v(z=0.35)$	0.1171 ± 0.0041
$r_s(z_d)/D_v(z=0.44)$	0.0959 ± 0.0031	$r_s(z_d)/D_v(z=0.54)$	0.0808 ± 0.0024
$r_s(z_d)/D_v(z=0.57)$	$0.0773^{+0.0022}_{-0.0023}$	$r_s(z_d)/D_v(z=0.6)$	0.0742 ± 0.0021
$r_s(z_d)/D_v(z=0.73)$	0.0638 ± 0.0016	$r_s(z_*)$	146.4 ± 1.2
R	1.710 ± 0.020	σ_8	$0.805^{+0.025}_{-0.024}$
$\sigma_8\Omega_m^{0.5}$	0.405 ± 0.033	$\sigma_8\Omega_m^{0.6}$	0.353 ± 0.032
$\alpha_{\rm SNLS}$	1.43 ± 0.11	$\beta_{\rm SNLS}$	3.26 ± 0.11
$A_{\rm SZ}$	< 2.0 (95% CL)	t_0	13.62 ± 0.14 Gyr
τ	0.097 ± 0.015	θ_*	0.010408 ± 0.000024
θ_*	0.5963 ± 0.0014 °	$\tau_{\rm rec}$	286.0 ± 2.8
$t_{\rm reion}$	438^{+70}_{-71} Myr	t_*	380064 ± 5023 yr
z_d	1021.5 ± 1.3	$z_{\rm eq}$	3181 ± 121
$z_{\rm rec}$	1087.4 ± 1.0	$z_{\rm reion}$	11.0 ± 1.3
z_*	1090.0 ± 1.2		