WMAP Cosmological Parameters

Model: lcdm+mnu

Data: wmap9+h0

$10^9\Delta^2_{\mathcal{R}}$	2.336 ± 0.087	H_0	70.9 ± 1.8 km/s/Mpc
$\ell(\ell+1)C_{220}/(2\pi)$	$5764 \pm 34\ \mu\mathrm{K}^2$	$d_A(z_{\rm eq})$	14257 ± 111 Mpc
$d_A(z_*)$	14093 ± 112 Mpc	$D_v(z=0.57)/r_s(z_d)$	13.12 ± 0.24
η	$(6.27 \pm 0.13) \times 10^{-10}$	$k_{\rm eq}$	0.00968 ± 0.00027
$\ell_{\rm eq}$	136.4 ± 2.8	ℓ_*	301.99 ± 0.61
$\sum m_\nu$	< 0.38 eV (95% CL)	n_b	$(2.575 \pm 0.052) \times 10^{-7}$ cm^{-3}
n_s	0.981 ± 0.011	Ω_b	0.0456 ± 0.0020
$\Omega_b h^2$	0.02293 ± 0.00046	Ω_c	$0.219^{+0.017}_{-0.016}$
$\Omega_c h^2$	$0.1097^{+0.0037}_{-0.0036}$	Ω_Λ	0.733 ± 0.019
Ω_m	0.267 ± 0.019	$\Omega_m h^2$	0.1342 ± 0.0036
$\Omega_\nu h^2$	< 0.0040 (95% CL)	$r_s(z_d)$	153.1 ± 1.2 Mpc
$r_s(z_d)/D_v(z=0.106)$	$0.3520^{+0.0094}_{-0.0095}$	$r_s(z_d)/D_v(z=0.2)$	0.1919 ± 0.0048
$r_s(z_d)/D_v(z=0.35)$	$0.1151^{+0.0025}_{-0.0026}$	$r_s(z_d)/D_v(z=0.44)$	$0.0944^{+0.0019}_{-0.0020}$
$r_s(z_d)/D_v(z=0.54)$	0.0796 ± 0.0015	$r_s(z_d)/D_v(z=0.57)$	0.0762 ± 0.0014
$r_s(z_d)/D_v(z=0.6)$	0.0732 ± 0.0013	$r_s(z_d)/D_v(z=0.73)$	0.0630 ± 0.0010
$r_s(z_*)$	146.6 ± 1.0	R	1.721 ± 0.013
σ_8	$0.776^{+0.035}_{-0.036}$	$\sigma_8\Omega_m^{0.5}$	0.401 ± 0.024
$\sigma_8\Omega_m^{0.6}$	0.352 ± 0.023	$A_{\rm SZ}$	< 2.0 (95% CL)
t_0	13.73 ± 0.11 Gyr	τ	0.093 ± 0.014
θ_*	0.010403 ± 0.000021	θ_*	0.5961 ± 0.0012 °
$\tau_{\rm rec}$	286.0 ± 2.0	$t_{\rm reion}$	443 ± 63 Myr
t_*	379972^{+3378}_{-3387} yr	z_d	1021.0 ± 1.1
$z_{\rm eq}$	3175 ± 87	$z_{\rm rec}$	$1087.59^{+0.69}_{-0.70}$
$z_{\rm reion}$	10.8 ± 1.1	z_*	$1090.23^{+0.69}_{-0.67}$