WMAP Cosmological Parameters

Model: lcdm+mnu

Data: wmap9+bao+h0

$10^9 \Delta_{\mathcal{R}}^2$	2.389 ± 0.082	H_0	68.79 ± 0.97 km/s/Mpc
$\ell(\ell+1)C_{220}/(2\pi)$	$5756 \pm 33 \ \mu\text{K}^2$	$d_A(z_{\text{eq}})$	14186 ± 98 Mpc
$d_A(z_*)$	14021 ± 99 Mpc	$D_v(z=0.57)/r_s(z_d)$	13.42 ± 0.12
η	$(6.23 \pm 0.12) \times 10^{-10}$	k_{eq}	0.00992 ± 0.00022
ℓ_{eq}	139.1 ± 2.2	ℓ_*	302.15 ± 0.60
$\sum m_\nu$	< 0.46 eV (95% CL)	n_b	$(2.557 \pm 0.049) \times 10^{-7}$ cm^{-3}
n_s	0.975 ± 0.011	Ω_b	0.0481 ± 0.0013
$\Omega_b h^2$	$0.02277^{+0.00043}_{-0.00044}$	Ω_c	$0.2393^{+0.0095}_{-0.0094}$
$\Omega_c h^2$	0.1132 ± 0.0030	Ω_Λ	0.708 ± 0.011
Ω_m	0.292 ± 0.011	$\Omega_m h^2$	0.1380 ± 0.0025
$\Omega_\nu h^2$	< 0.0049 (95% CL)	$r_s(z_d)$	152.2 ± 1.0 Mpc
$r_s(z_d)/D_v(z=0.106)$	0.3403 ± 0.0046	$r_s(z_d)/D_v(z=0.2)$	0.1860 ± 0.0023
$r_s(z_d)/D_v(z=0.35)$	0.1120 ± 0.0012	$r_s(z_d)/D_v(z=0.44)$	0.09200 ± 0.00094
$r_s(z_d)/D_v(z=0.54)$	$0.07777^{+0.00072}_{-0.00073}$	$r_s(z_d)/D_v(z=0.57)$	$0.07451^{+0.00067}_{-0.00068}$
$r_s(z_d)/D_v(z=0.6)$	$0.07157^{+0.00063}_{-0.00064}$	$r_s(z_d)/D_v(z=0.73)$	0.06175 ± 0.00049
$r_s(z_*)$	145.78 ± 0.87	R	1.7373 ± 0.0065
σ_8	$0.778^{+0.042}_{-0.044}$	$\sigma_8 \Omega_m^{0.5}$	$0.420^{+0.023}_{-0.024}$
$\sigma_8 \Omega_m^{0.6}$	$0.371^{+0.021}_{-0.022}$	A_{SZ}	< 2.0 (95% CL)
t_0	13.809 ± 0.097 Gyr	τ	$0.090^{+0.013}_{-0.014}$
θ_*	0.010398 ± 0.000021	θ_*	0.5957 ± 0.0012 °
τ_{rec}	284.1 ± 1.6	t_{reion}	445^{+64}_{-63} Myr
t_*	376714^{+2603}_{-2613} yr	z_d	1020.9 ± 1.1
z_{eq}	3254^{+72}_{-73}	z_{rec}	1088.00 ± 0.64
z_{reion}	10.7 ± 1.1	z_*	1090.74 ± 0.60