WMAP Cosmological Parameters

Model: wcdm

Data: wmap9+spt+act+h0

$10^9\Delta^2_{\mathcal{R}}$	$2.431^{+0.085}_{-0.084}$	H_0	$73.6^{+2.4}_{-2.3}$ km/s/Mpc
$A_{\rm clustered}$	< 10 (95% CL)	$A^{\rm ACT}_{\rm Poisson}$	14.7 ± 2.4
$A^{\rm SPT}_{\rm Poisson}$	> 17 (95% CL)	$\ell(\ell+1)C_{220}/(2\pi)$	5748 ± 32 μK^2
$d_A(z_{\rm eq})$	14232^{+86}_{-87} Mpc	$d_A(z_*)$	14067^{+87}_{-89} Mpc
$D_v(z=0.57)/r_s(z_d)$	13.03 ± 0.20	η	$(6.10 \pm 0.10) \times 10^{-10}$
$k_{\rm eq}$	0.00985 ± 0.00025	$\ell_{\rm eq}$	138.6 ± 2.7
ℓ_*	302.04 ± 0.42	n_b	$(2.504 \pm 0.042) \times 10^{-7}$ cm^{-3}
n_s	$0.9644^{+0.0099}_{-0.0101}$	Ω_b	$0.0413^{+0.0027}_{-0.0028}$
$\Omega_b h^2$	0.02229 ± 0.00037	Ω_c	0.209 ± 0.015
$\Omega_c h^2$	0.1127 ± 0.0035	Ω_Λ	0.750 ± 0.017
Ω_m	0.250 ± 0.017	$\Omega_m h^2$	0.1350 ± 0.0034
$r_s(z_d)$	$152.97^{+0.97}_{-0.95}$ Mpc	$r_s(z_d)/D_v(z=0.106)$	0.3620 ± 0.0098
$r_s(z_d)/D_v(z=0.2)$	0.1961 ± 0.0045	$r_s(z_d)/D_v(z=0.35)$	0.1167 ± 0.0022
$r_s(z_d)/D_v(z=0.44)$	0.0954 ± 0.0016	$r_s(z_d)/D_v(z=0.54)$	$0.0802^{+0.0012}_{-0.0013}$
$r_s(z_d)/D_v(z=0.57)$	0.0767 ± 0.0012	$r_s(z_d)/D_v(z=0.6)$	0.0736 ± 0.0011
$r_s(z_d)/D_v(z=0.73)$	0.06321 ± 0.00086	$r_s(z_*)$	146.31 ± 0.89
R	1.724 ± 0.012	σ_8	$0.838^{+0.036}_{-0.035}$
$\sigma_8\Omega_m^{0.5}$	$0.419^{+0.019}_{-0.020}$	$\sigma_8\Omega_m^{0.6}$	$0.364^{+0.018}_{-0.019}$
$A_{\rm SZ}$	< 1.1 (95% CL)	t_0	13.684 ± 0.071 Gyr
τ	0.084 ± 0.013	θ_*	0.010401 ± 0.000014
θ_*	0.59595 ± 0.00083 °	$\tau_{\rm rec}$	$284.6^{+1.8}_{-1.9}$
$t_{\rm reion}$	475^{+66}_{-67} Myr	t_*	377363^{+3193}_{-3224} yr
w	$-1.092^{+0.083}_{-0.084}$	z_d	$1019.81^{+0.83}_{-0.82}$
$z_{\rm eq}$	3231^{+82}_{-81}	$z_{\rm rec}$	$1088.44^{+0.68}_{-0.69}$
$z_{\rm reion}$	10.3 ± 1.1	z_*	1091.33 ± 0.66