

WMAP Cosmological Parameters

Model: wcdm

Data: wmap9+spt+act+snls3

$10^9 \Delta_{\mathcal{R}}^2$	$2.426^{+0.085}_{-0.084}$	H_0	72.5 ± 2.3 km/s/Mpc
$A_{\text{clustered}}$	< 10 (95% CL)	$A_{\text{Poisson}}^{\text{ACT}}$	14.8 ± 2.3
$A_{\text{Poisson}}^{\text{SPT}}$	> 17 (95% CL)	$\ell(\ell+1)C_{220}/(2\pi)$	5748 ± 33 μK^2
$d_A(z_{\text{eq}})$	14242 ± 87 Mpc	$d_A(z_*)$	14078 ± 88 Mpc
$D_v(z = 0.57)/r_s(z_d)$	13.06 ± 0.22	η	$(6.10 \pm 0.10) \times 10^{-10}$
k_{eq}	0.00982 ± 0.00025	ℓ_{eq}	138.2 ± 2.7
ℓ_*	302.03 ± 0.42	n_b	$(2.505 \pm 0.042) \times 10^{-7}$ cm^{-3}
n_s	$0.9651^{+0.0100}_{-0.0099}$	Ω_b	0.0426 ± 0.0027
$\Omega_b h^2$	0.02231 ± 0.00037	Ω_c	0.214 ± 0.017
$\Omega_c h^2$	0.1122 ± 0.0035	Ω_Λ	0.743 ± 0.019
Ω_m	0.257 ± 0.019	$\Omega_m h^2$	0.1346 ± 0.0034
$r_s(z_d)$	153.09 ± 0.97 Mpc	$r_s(z_d)/D_v(z = 0.106)$	0.358 ± 0.010
$r_s(z_d)/D_v(z = 0.2)$	$0.1945^{+0.0049}_{-0.0050}$	$r_s(z_d)/D_v(z = 0.35)$	0.1161 ± 0.0025
$r_s(z_d)/D_v(z = 0.44)$	0.0950 ± 0.0018	$r_s(z_d)/D_v(z = 0.54)$	0.0800 ± 0.0014
$r_s(z_d)/D_v(z = 0.57)$	0.0766 ± 0.0013	$r_s(z_d)/D_v(z = 0.6)$	0.0735 ± 0.0012
$r_s(z_d)/D_v(z = 0.73)$	0.06317 ± 0.00093	$r_s(z_*)$	146.43 ± 0.89
R	1.722 ± 0.012	σ_8	0.825 ± 0.031
$\sigma_8 \Omega_m^{0.5}$	0.418 ± 0.020	$\sigma_8 \Omega_m^{0.6}$	0.365 ± 0.020
α_{SNLS}	1.44 ± 0.11	β_{SNLS}	3.26 ± 0.11
A_{SZ}	< 1.1 (95% CL)	t_0	$13.703^{+0.079}_{-0.078}$ Gyr
τ	0.085 ± 0.013	θ_*	0.010402 ± 0.000014
θ_*	0.59597 ± 0.00083 $^\circ$	τ_{rec}	284.9 ± 1.8
t_{reion}	472 ± 65 Myr	t_*	377788^{+3198}_{-3196} yr
w	-1.053 ± 0.069	z_d	1019.80 ± 0.82
z_{eq}	3221 ± 81	z_{rec}	$1088.39^{+0.67}_{-0.68}$
z_{reion}	10.3 ± 1.1	z_*	$1091.26^{+0.67}_{-0.66}$