

WMAP Cosmological Parameters

Model: wcdm

Data: wmap9+spt+act+snls3+bao

$10^9 \Delta_{\mathcal{R}}^2$	2.492 ± 0.079	H_0	$69.7 \pm 1.6 \text{ km/s/Mpc}$
$A_{\text{clustered}}$	$< 10 \text{ (95\% CL)}$	$A_{\text{Poisson}}^{\text{ACT}}$	$14.8_{-2.4}^{+2.3}$
$A_{\text{Poisson}}^{\text{SPT}}$	$> 17 \text{ (95\% CL)}$	$\ell(\ell+1)C_{220}/(2\pi)$	$5736 \pm 32 \mu\text{K}^2$
$d_A(z_{\text{eq}})$	$14160_{-75}^{+74} \text{ Mpc}$	$d_A(z_*)$	$13994_{-76}^{+75} \text{ Mpc}$
$D_v(z=0.57)/r_s(z_d)$	13.40 ± 0.12	η	$(6.040 \pm 0.094) \times 10^{-10}$
k_{eq}	0.01012 ± 0.00019	ℓ_{eq}	141.6 ± 2.0
ℓ_*	$302.27_{-0.41}^{+0.40}$	n_b	$(2.481 \pm 0.039) \times 10^{-7} \text{ cm}^{-3}$
n_s	0.9570 ± 0.0090	Ω_b	$0.0455_{-0.0022}^{+0.0021}$
$\Omega_b h^2$	$0.02209_{-0.00034}^{+0.00035}$	Ω_c	0.240 ± 0.010
$\Omega_c h^2$	$0.1165_{-0.0026}^{+0.0027}$	Ω_Λ	0.714 ± 0.012
Ω_m	0.286 ± 0.012	$\Omega_m h^2$	0.1386 ± 0.0026
$r_s(z_d)$	$152.11 \pm 0.80 \text{ Mpc}$	$r_s(z_d)/D_v(z=0.106)$	0.3435 ± 0.0058
$r_s(z_d)/D_v(z=0.2)$	0.1873 ± 0.0026	$r_s(z_d)/D_v(z=0.35)$	0.1124 ± 0.0012
$r_s(z_d)/D_v(z=0.44)$	0.09227 ± 0.00089	$r_s(z_d)/D_v(z=0.54)$	0.07792 ± 0.00069
$r_s(z_d)/D_v(z=0.57)$	0.07463 ± 0.00065	$r_s(z_d)/D_v(z=0.6)$	0.07168 ± 0.00061
$r_s(z_d)/D_v(z=0.73)$	0.06179 ± 0.00050	$r_s(z_*)$	145.44 ± 0.71
R	1.7378 ± 0.0088	σ_8	0.833 ± 0.030
$\sigma_8 \Omega_m^{0.5}$	0.445 ± 0.015	$\sigma_8 \Omega_m^{0.6}$	0.393 ± 0.014
α_{SNLS}	1.43 ± 0.11	β_{SNLS}	3.26 ± 0.11
A_{SZ}	$< 1.0 \text{ (95\% CL)}$	t_0	$13.786 \pm 0.063 \text{ Gyr}$
τ	0.079 ± 0.012	θ_*	0.010393 ± 0.000014
θ_*	$0.59550_{-0.00079}^{+0.00080} \text{ }^\circ$	τ_{rec}	282.6 ± 1.4
t_{reion}	$487 \pm 68 \text{ Myr}$	t_*	$373875_{-2374}^{+2372} \text{ yr}$
w	$-1.037_{-0.070}^{+0.071}$	z_d	$1019.70_{-0.81}^{+0.80}$
z_{eq}	3318 ± 63	z_{rec}	$1088.91_{-0.62}^{+0.63}$
z_{reion}	10.0 ± 1.0	z_*	1091.94 ± 0.56