
 WMAP Cosmological Parameters

Model: wcdm

Data: wmap9+spt+act+bao+h0

$10^9 \Delta_{\mathcal{R}}^2$	$2.495^{+0.083}_{-0.081}$	H_0	$70.7^{+1.8}_{-1.9} \text{ km/s/Mpc}$
$A_{\text{clustered}}$	< 11 (95% CL)	$A_{\text{Poisson}}^{\text{ACT}}$	$14.7^{+2.4}_{-2.5}$
$A_{\text{Poisson}}^{\text{SPT}}$	> 17 (95% CL)	$\ell(\ell + 1)C_{220}/(2\pi)$	$5736^{+33}_{-31} \mu\text{K}^2$
$d_A(z_{\text{eq}})$	$14145 \pm 73 \text{ Mpc}$	$d_A(z_*)$	$13978^{+74}_{-73} \text{ Mpc}$
$D_v(z = 0.57)/r_s(z_d)$	$13.38^{+0.11}_{-0.12}$	η	$(6.05 \pm 0.10) \times 10^{-10}$
k_{eq}	0.01016 ± 0.00020	ℓ_{eq}	142.0 ± 2.2
ℓ_*	302.25 ± 0.41	n_b	$(2.483^{+0.041}_{-0.042}) \times 10^{-7} \text{ cm}^{-3}$
n_s	$0.9569^{+0.0093}_{-0.0095}$	Ω_b	$0.0444^{+0.0026}_{-0.0025}$
$\Omega_b h^2$	0.02211 ± 0.00037	Ω_c	0.235 ± 0.011
$\Omega_c h^2$	$0.1171^{+0.0028}_{-0.0029}$	Ω_Λ	0.721 ± 0.013
Ω_m	0.279 ± 0.013	$\Omega_m h^2$	$0.1392^{+0.0027}_{-0.0028}$
$r_s(z_d)$	$151.94^{+0.79}_{-0.80} \text{ Mpc}$	$r_s(z_d)/D_v(z = 0.106)$	$0.3466^{+0.0063}_{-0.0064}$
$r_s(z_d)/D_v(z = 0.2)$	0.1886 ± 0.0027	$r_s(z_d)/D_v(z = 0.35)$	0.1129 ± 0.0012
$r_s(z_d)/D_v(z = 0.44)$	$0.09254^{+0.00088}_{-0.00090}$	$r_s(z_d)/D_v(z = 0.54)$	$0.07806^{+0.00069}_{-0.00066}$
$r_s(z_d)/D_v(z = 0.57)$	$0.07474^{+0.00065}_{-0.00063}$	$r_s(z_d)/D_v(z = 0.6)$	$0.07177^{+0.00061}_{-0.00060}$
$r_s(z_d)/D_v(z = 0.73)$	0.06182 ± 0.00051	$r_s(z_*)$	$145.29^{+0.71}_{-0.70}$
R	1.7392 ± 0.0096	σ_8	$0.846^{+0.036}_{-0.035}$
$\sigma_8 \Omega_m^{0.5}$	0.447 ± 0.015	$\sigma_8 \Omega_m^{0.6}$	$0.393^{+0.013}_{-0.014}$
A_{SZ}	< 1.1 (95% CL)	t_0	$13.764^{+0.063}_{-0.064} \text{ Gyr}$
τ	0.079 ± 0.012	θ_*	0.010394 ± 0.000014
θ_*	$0.59554 \pm 0.00081^\circ$	τ_{rec}	$282.3^{+1.5}_{-1.4}$
t_{reion}	$489^{+68}_{-69} \text{ Myr}$	t_*	$373405^{+2571}_{-2540} \text{ yr}$
w	$-1.073^{+0.090}_{-0.089}$	z_d	$1019.79^{+0.87}_{-0.82}$
z_{eq}	3331^{+65}_{-67}	z_{rec}	$1088.93^{+0.67}_{-0.66}$
z_{reion}	9.9 ± 1.0	z_*	$1091.96^{+0.62}_{-0.63}$
