

WMAP Cosmological Parameters

Model: Λ cdm+mnu

Data: wmap9+spt+act+bao+h0

$10^9 \Delta_{\mathcal{R}}^2$	2.51 ± 0.10	H_0	68.5 ± 1.0 km/s/Mpc
$A_{\text{clustered}}$	< 12 (95% CL)	$A_{\text{Poisson}}^{\text{ACT}}$	14.4 ± 2.3
$A_{\text{Poisson}}^{\text{SPT}}$	> 16 (95% CL)	$\ell(\ell+1)C_{220}/(2\pi)$	5748 ± 34 μK^2
$d_A(z_{\text{eq}})$	14135_{-106}^{+105} Mpc	$d_A(z_*)$	13962_{-113}^{+112} Mpc
$D_v(z=0.57)/r_s(z_d)$	13.38 ± 0.13	η	$(6.04 \pm 0.10) \times 10^{-10}$
k_{eq}	$0.01013_{-0.00031}^{+0.00032}$	ℓ_{eq}	$141.5_{-3.4}^{+3.3}$
ℓ_*	302.03 ± 0.44	$\sum m_\nu$	< 1.1 eV (95% CL)
n_b	$(2.480_{-0.043}^{+0.042}) \times 10^{-7}$ cm^{-3}	n_s	0.957 ± 0.011
$\Omega_b h^2$	0.02208 ± 0.00038	$\Omega_c h^2$	0.1166 ± 0.0044
Ω_k	$0.0089_{-0.0087}^{+0.0088}$	Ω_k	$-0.0050 < \Omega_k < 0.0265$ (95% CL)
Ω_Λ	$0.683_{-0.026}^{+0.024}$	$\Omega_m h^2$	$0.1443_{-0.0068}^{+0.0070}$
$\Omega_\nu h^2$	< 0.012 (95% CL)	Ω_{tot}	$0.9911_{-0.0088}^{+0.0087}$
Ω_{tot}	$0.97 < \Omega_{\text{tot}} < 1.01$ (95% CL)	$r_s(z_d)$	151.9 ± 1.2 Mpc
$r_s(z_d)/D_v(z=0.2)$	0.1855 ± 0.0024	$r_s(z_d)/D_v(z=0.35)$	0.1120 ± 0.0013
$r_s(z_d)/D_v(z=0.44)$	$0.09215_{-0.00097}^{+0.00100}$	$r_s(z_d)/D_v(z=0.54)$	$0.07801_{-0.00078}^{+0.00079}$
$r_s(z_d)/D_v(z=0.57)$	$0.07477_{-0.00073}^{+0.00075}$	$r_s(z_d)/D_v(z=0.6)$	0.07185 ± 0.00070
$r_s(z_d)/D_v(z=0.73)$	$0.06209_{-0.00058}^{+0.00059}$	$r_s(z_*)$	$145.2_{-1.1}^{+1.2}$
R	1.768 ± 0.030	σ_8	$0.722_{-0.059}^{+0.058}$
$\sigma_8 \Omega_m^{0.5}$	0.400 ± 0.026	$\sigma_8 \Omega_m^{0.6}$	0.355 ± 0.023
A_{SZ}	< 1.2 (95% CL)	t_0	$13.63_{-0.22}^{+0.23}$ Gyr
τ	$0.084_{-0.013}^{+0.012}$	θ_*	0.010401 ± 0.000015
θ_*	$0.59596_{-0.00088}^{+0.00087}$ $^\circ$	τ_{rec}	282.2 ± 2.5
t_{reion}	445_{-66}^{+61} Myr	t_*	372985_{-4458}^{+4390} yr
z_d	$1019.67_{-0.81}^{+0.78}$	z_{eq}	3320_{-101}^{+102}
z_{rec}	1089.04 ± 0.80	z_{reion}	10.5 ± 1.1
z_*	$1091.96_{-0.74}^{+0.78}$		