

WMAP Cosmological Parameters

Model: lcdm+mnu

Data: wmap9+spt+act+snls3

$10^9 \Delta_{\mathcal{R}}^2$	2.423 ± 0.083	H_0	69.0 ± 2.3 km/s/Mpc
$A_{\text{clustered}}$	< 11 (95% CL)	$A_{\text{Poisson}}^{\text{ACT}}$	14.7 ± 2.4
$A_{\text{Poisson}}^{\text{SPT}}$	> 16 (95% CL)	$\ell(\ell+1)C_{220}/(2\pi)$	5754 ± 33 μK^2
$d_A(z_{\text{eq}})$	14253 ± 84 Mpc	$d_A(z_*)$	14088 ± 85 Mpc
$D_v(z=0.57)/r_s(z_d)$	$13.34_{-0.30}^{+0.31}$	η	$(6.10 \pm 0.10) \times 10^{-10}$
k_{eq}	0.00977 ± 0.00023	ℓ_{eq}	137.6 ± 2.5
ℓ_*	301.97 ± 0.41	$\sum m_\nu$	< 0.56 eV (95% CL)
n_b	$(2.506 \pm 0.042) \times 10^{-7}$ cm^{-3}	n_s	0.9661 ± 0.0096
Ω_b	$0.0470_{-0.0028}^{+0.0029}$	$\Omega_b h^2$	0.02232 ± 0.00037
Ω_c	0.235 ± 0.021	$\Omega_c h^2$	0.1115 ± 0.0032
Ω_Λ	$0.712_{-0.027}^{+0.026}$	Ω_m	$0.288_{-0.026}^{+0.027}$
$\Omega_m h^2$	0.1362 ± 0.0038	$\Omega_\nu h^2$	< 0.0060 (95% CL)
$r_s(z_d)$	153.23 ± 0.93 Mpc	$r_s(z_d)/D_v(z=0.106)$	0.343 ± 0.012
$r_s(z_d)/D_v(z=0.2)$	$0.1876_{-0.0060}^{+0.0059}$	$r_s(z_d)/D_v(z=0.35)$	$0.1129_{-0.0032}^{+0.0031}$
$r_s(z_d)/D_v(z=0.44)$	0.0927 ± 0.0024	$r_s(z_d)/D_v(z=0.54)$	$0.0783_{-0.0019}^{+0.0018}$
$r_s(z_d)/D_v(z=0.57)$	0.0750 ± 0.0017	$r_s(z_d)/D_v(z=0.6)$	0.0721 ± 0.0016
$r_s(z_d)/D_v(z=0.73)$	0.0621 ± 0.0012	$r_s(z_*)$	$146.57_{-0.85}^{+0.84}$
R	1.734 ± 0.016	σ_8	$0.759_{-0.041}^{+0.039}$
$\sigma_8 \Omega_m^{0.5}$	0.406 ± 0.021	$\sigma_8 \Omega_m^{0.6}$	0.358 ± 0.020
α_{SNLS}	1.43 ± 0.11	β_{SNLS}	3.26 ± 0.11
A_{SZ}	< 1.1 (95% CL)	t_0	$13.84_{-0.12}^{+0.13}$ Gyr
τ	0.087 ± 0.013	θ_*	0.010404 ± 0.000014
θ_*	0.59609 ± 0.00081 $^\circ$	τ_{rec}	285.1 ± 1.7
t_{reion}	456_{-64}^{+63} Myr	t_*	378251_{-3005}^{+3011} yr
z_d	$1019.75_{-0.84}^{+0.82}$	z_{eq}	3203 ± 75
z_{rec}	1088.35 ± 0.67	z_{reion}	10.6 ± 1.1
z_*	1091.19 ± 0.64		