

WMAP Cosmological Parameters

Model: lcdm+run

Data: wmap9+spt+act+snls3+h0

$10^9 \Delta_{\mathcal{R}}^2$	2.309 ± 0.088	H_0	71.5 ± 1.4 km/s/Mpc
$A_{\text{clustered}}$	< 12 (95% CL)	$A_{\text{Poisson}}^{\text{ACT}}$	13.9 ± 2.6
$A_{\text{Poisson}}^{\text{SPT}}$	> 14 (95% CL)	$\ell(\ell+1)C_{220}/(2\pi)$	5770 ± 33 μK^2
$d_A(z_{\text{eq}})$	14244_{-83}^{+84} Mpc	$d_A(z_*)$	14080_{-84}^{+85} Mpc
$dn_s/d \ln k$	-0.018 ± 0.011	$D_v(z = 0.57)/r_s(z_d)$	$13.05_{-0.20}^{+0.19}$
η	$(6.149 \pm 0.097) \times 10^{-10}$	k_{eq}	0.00976 ± 0.00022
ℓ_{eq}	137.4 ± 2.3	ℓ_*	301.82 ± 0.40
n_b	$(2.526 \pm 0.040) \times 10^{-7}$ cm^{-3}	n_s	1.014 ± 0.029
Ω_b	0.0441 ± 0.0015	$\Omega_b h^2$	0.02249 ± 0.00035
Ω_c	0.218 ± 0.014	$\Omega_c h^2$	0.1113 ± 0.0030
Ω_Λ	0.738 ± 0.015	Ω_m	0.262 ± 0.015
$\Omega_m h^2$	0.1338 ± 0.0030	$r_s(z_d)$	$153.15_{-0.91}^{+0.92}$ Mpc
$r_s(z_d)/D_v(z = 0.106)$	0.3545 ± 0.0076	$r_s(z_d)/D_v(z = 0.2)$	0.1932 ± 0.0039
$r_s(z_d)/D_v(z = 0.35)$	0.1158 ± 0.0021	$r_s(z_d)/D_v(z = 0.44)$	0.0949 ± 0.0016
$r_s(z_d)/D_v(z = 0.54)$	0.0801 ± 0.0012	$r_s(z_d)/D_v(z = 0.57)$	0.0766 ± 0.0011
$r_s(z_d)/D_v(z = 0.6)$	0.0736 ± 0.0011	$r_s(z_d)/D_v(z = 0.73)$	0.06331 ± 0.00083
$r_s(z_*)$	146.55 ± 0.82	R	1.717 ± 0.010
σ_8	0.806 ± 0.017	$\sigma_8 \Omega_m^{0.5}$	0.413 ± 0.018
$\sigma_8 \Omega_m^{0.6}$	0.361 ± 0.018	α_{SNLS}	1.43 ± 0.11
β_{SNLS}	3.26 ± 0.11	A_{SZ}	< 1.4 (95% CL)
t_0	13.692 ± 0.068 Gyr	τ	$0.095_{-0.014}^{+0.015}$
θ_*	0.010409 ± 0.000014	θ_*	$0.59637_{-0.00079}^{+0.00080}$ $^\circ$
τ_{rec}	285.3 ± 1.6	t_{reion}	430_{-63}^{+62} Myr
t_*	378663_{-2778}^{+2773} yr	z_d	1020.13 ± 0.83
z_{eq}	3202 ± 71	z_{rec}	1088.13 ± 0.63
z_{reion}	11.1 ± 1.2	z_*	$1090.94_{-0.58}^{+0.56}$