

WMAP Cosmological Parameters

Model: lcdm+run

Data: wmap9+spt+act

$10^9 \Delta_{\mathcal{R}}^2$	$2.345^{+0.091}_{-0.092}$	H_0	69.4 ± 1.7 km/s/Mpc
$A_{\text{clustered}}$	< 13 (95% CL)	$A_{\text{Poisson}}^{\text{ACT}}$	13.7 ± 2.6
$A_{\text{Poisson}}^{\text{SPT}}$	> 14 (95% CL)	$\ell(\ell + 1)C_{220}/(2\pi)$	5760^{+33}_{-34} μK^2
$d_A(z_{\text{eq}})$	14164 ± 94 Mpc	$d_A(z_*)$	13998 ± 95 Mpc
$dn_s/d \ln k$	$-0.022^{+0.012}_{-0.011}$	$D_v(z = 0.57)/r_s(z_d)$	13.35 ± 0.25
η	$(6.08 \pm 0.10) \times 10^{-10}$	k_{eq}	0.01006 ± 0.00027
ℓ_{eq}	$140.8^{+2.9}_{-3.0}$	ℓ_*	302.04 ± 0.42
n_b	$(2.499 \pm 0.042) \times 10^{-7}$ cm^{-3}	n_s	1.018 ± 0.029
Ω_b	0.0463 ± 0.0020	$\Omega_b h^2$	0.02225 ± 0.00037
Ω_c	0.241 ± 0.020	$\Omega_c h^2$	0.1155 ± 0.0039
Ω_Λ	0.713 ± 0.022	Ω_m	0.287 ± 0.022
$\Omega_m h^2$	$0.1378^{+0.0037}_{-0.0038}$	$r_s(z_d)$	152.2 ± 1.0 Mpc
$r_s(z_d)/D_v(z = 0.106)$	0.3431 ± 0.0096	$r_s(z_d)/D_v(z = 0.2)$	0.1874 ± 0.0049
$r_s(z_d)/D_v(z = 0.35)$	0.1127 ± 0.0026	$r_s(z_d)/D_v(z = 0.44)$	0.0926 ± 0.0020
$r_s(z_d)/D_v(z = 0.54)$	0.0782 ± 0.0015	$r_s(z_d)/D_v(z = 0.57)$	0.0749 ± 0.0014
$r_s(z_d)/D_v(z = 0.6)$	0.0720 ± 0.0013	$r_s(z_d)/D_v(z = 0.73)$	0.0621 ± 0.0010
$r_s(z_*)$	$145.59^{+0.97}_{-0.96}$	R	1.733 ± 0.013
σ_8	0.819 ± 0.018	$\sigma_8 \Omega_m^{0.5}$	0.439 ± 0.024
$\sigma_8 \Omega_m^{0.6}$	0.387 ± 0.024	A_{SZ}	< 1.4 (95% CL)
t_0	$13.761^{+0.077}_{-0.078}$ Gyr	τ	0.090 ± 0.014
θ_*	$0.010401^{+0.000014}_{-0.000015}$	θ_*	0.59595 ± 0.00083 $^\circ$
τ_{rec}	283.1 ± 2.0	t_{reion}	436^{+63}_{-64} Myr
t_*	374794^{+3478}_{-3470} yr	z_d	1019.97 ± 0.82
z_{eq}	3298 ± 90	z_{rec}	1088.68 ± 0.70
z_{reion}	10.9 ± 1.2	z_*	$1091.64^{+0.69}_{-0.70}$