

WMAP Cosmological Parameters

Model: $\text{olcdm}+\text{mnu}$

Data: $\text{wmap9}+\text{spt}+\text{act}+\text{snls3}$

$10^9 \Delta_{\mathcal{R}}^2$	2.474 ± 0.098	H_0	$73.6 \pm 4.7 \text{ km/s/Mpc}$
$A_{\text{clustered}}$	$< 11 \text{ (95\% CL)}$	$A_{\text{Poisson}}^{\text{ACT}}$	14.6 ± 2.4
$A_{\text{Poisson}}^{\text{SPT}}$	$> 16 \text{ (95\% CL)}$	$\ell(\ell+1)C_{220}/(2\pi)$	$5745 \pm 34 \mu\text{K}^2$
$d_A(z_{\text{eq}})$	$14198_{-97}^{+98} \text{ Mpc}$	$d_A(z_*)$	$14020_{-102}^{+104} \text{ Mpc}$
$D_v(z=0.57)/r_s(z_d)$	12.73 ± 0.60	η	$(6.06 \pm 0.11) \times 10^{-10}$
k_{eq}	0.00997 ± 0.00029	ℓ_{eq}	139.8 ± 3.1
ℓ_*	$302.04_{-0.41}^{+0.42}$	$\sum m_\nu$	$< 0.93 \text{ eV (95\% CL)}$
n_b	$(2.489 \pm 0.045) \times 10^{-7} \text{ cm}^{-3}$	n_s	0.962 ± 0.011
Ω_b	0.0415 ± 0.0053	$\Omega_b h^2$	0.02217 ± 0.00040
Ω_c	0.214 ± 0.028	$\Omega_c h^2$	0.1144 ± 0.0041
Ω_k	$0.0122_{-0.0095}^{+0.0094}$	Ω_k	$-0.0073 < \Omega_k < 0.0308 \text{ (95\% CL)}$
Ω_Λ	0.725 ± 0.032	Ω_m	0.263 ± 0.035
$\Omega_m h^2$	$0.1406_{-0.0056}^{+0.0058}$	$\Omega_\nu h^2$	$< 0.0099 \text{ (95\% CL)}$
Ω_{tot}	$0.9878_{-0.0094}^{+0.0095}$	Ω_{tot}	$0.97 < \Omega_{\text{tot}} < 1.01 \text{ (95\% CL)}$
$r_s(z_d)$	$152.5 \pm 1.1 \text{ Mpc}$	$r_s(z_d)/D_v(z=0.106)$	0.364 ± 0.022
$r_s(z_d)/D_v(z=0.2)$	0.198 ± 0.011	$r_s(z_d)/D_v(z=0.35)$	0.1189 ± 0.0063
$r_s(z_d)/D_v(z=0.44)$	0.0975 ± 0.0049	$r_s(z_d)/D_v(z=0.54)$	$0.0823_{-0.0040}^{+0.0039}$
$r_s(z_d)/D_v(z=0.57)$	0.0788 ± 0.0037	$r_s(z_d)/D_v(z=0.6)$	0.0756 ± 0.0035
$r_s(z_d)/D_v(z=0.73)$	0.0651 ± 0.0028	$r_s(z_*)$	145.8 ± 1.1
R	$1.753_{-0.025}^{+0.026}$	σ_8	$0.743_{-0.057}^{+0.055}$
$\sigma_8 \Omega_m^{0.5}$	$0.380_{-0.030}^{+0.029}$	$\sigma_8 \Omega_m^{0.6}$	$0.332_{-0.029}^{+0.028}$
α_{SNLS}	1.43 ± 0.11	β_{SNLS}	3.26 ± 0.11
A_{SZ}	$< 1.1 \text{ (95\% CL)}$	t_0	$13.29 \pm 0.46 \text{ Gyr}$
τ	0.086 ± 0.013	θ_*	0.010401 ± 0.000014
θ_*	$0.59596 \pm 0.00082^\circ$	τ_{rec}	$283.5_{-2.2}^{+2.3}$
t_{reion}	$441_{-64}^{+63} \text{ Myr}$	t_*	$375311_{-3956}^{+3957} \text{ yr}$
z_d	$1019.67_{-0.86}^{+0.85}$	z_{eq}	3268_{-95}^{+94}
z_{rec}	$1088.75_{-0.77}^{+0.76}$	z_{reion}	10.7 ± 1.1
z_*	$1091.65_{-0.77}^{+0.76}$		