
WMAP Cosmological Parameters

Model: $\Lambda\text{cdm}+\text{tens}$

Data: wmap9+spt+act+snls3+h0

$10^9 \Delta_{\mathcal{R}}^2$	2.338 ± 0.083	H_0	$72.4 \pm 1.4 \text{ km/s/Mpc}$
$A_{\text{clustered}}$	< 9.9 (95% CL)	$A_{\text{Poisson}}^{\text{ACT}}$	15.0 ± 2.3
$A_{\text{Poisson}}^{\text{SPT}}$	> 17 (95% CL)	$\ell(\ell+1)C_{220}/(2\pi)$	$5752 \pm 32 \mu\text{K}^2$
$d_A(z_{\text{eq}})$	$14300 \pm 80 \text{ Mpc}$	$d_A(z_*)$	$14136 \pm 81 \text{ Mpc}$
$D_v(z = 0.57)/r_s(z_d)$	12.91 ± 0.19	η	$(6.175^{+0.098}_{-0.099}) \times 10^{-10}$
k_{eq}	0.00960 ± 0.00020	ℓ_{eq}	135.7 ± 2.2
ℓ_*	301.85 ± 0.40	n_b	$(2.536^{+0.040}_{-0.041}) \times 10^{-7} \text{ cm}^{-3}$
n_s	0.9759 ± 0.0097	n_t	> -0.024 (95% CL)
Ω_b	0.0431 ± 0.0014	$\Omega_b h^2$	0.02258 ± 0.00036
Ω_c	0.208 ± 0.013	$\Omega_c h^2$	$0.1089^{+0.0029}_{-0.0028}$
Ω_Λ	0.749 ± 0.014	Ω_m	0.251 ± 0.014
$\Omega_m h^2$	0.1315 ± 0.0028	r	< 0.19 (95% CL)
$r_s(z_d)$	$153.73 \pm 0.87 \text{ Mpc}$	$r_s(z_d)/D_v(z = 0.106)$	$0.3603^{+0.0075}_{-0.0076}$
$r_s(z_d)/D_v(z = 0.2)$	$0.1962^{+0.0038}_{-0.0039}$	$r_s(z_d)/D_v(z = 0.35)$	$0.1174^{+0.0020}_{-0.0021}$
$r_s(z_d)/D_v(z = 0.44)$	0.0961 ± 0.0016	$r_s(z_d)/D_v(z = 0.54)$	0.0810 ± 0.0012
$r_s(z_d)/D_v(z = 0.57)$	0.0775 ± 0.0011	$r_s(z_d)/D_v(z = 0.6)$	0.0744 ± 0.0011
$r_s(z_d)/D_v(z = 0.73)$	$0.06393^{+0.00082}_{-0.00083}$	$r_s(z_*)$	147.12 ± 0.78
R	1.7096 ± 0.0099	σ_8	0.798 ± 0.016
$\sigma_8 \Omega_m^{0.5}$	$0.400^{+0.018}_{-0.017}$	$\sigma_8 \Omega_m^{0.6}$	0.348 ± 0.017
α_{SNLS}	1.43 ± 0.11	β_{SNLS}	3.26 ± 0.11
A_{SZ}	< 1.0 (95% CL)	t_0	$13.671 \pm 0.069 \text{ Gyr}$
τ	0.088 ± 0.013	θ_*	0.010408 ± 0.000014
θ_*	$0.59633^{+0.00078}_{-0.00079} \circ$	τ_{rec}	$286.6^{+1.5}_{-1.6}$
t_{reion}	$470^{+64}_{-65} \text{ Myr}$	t_*	$380856^{+2682}_{-2688} \text{ yr}$
z_d	$1020.11^{+0.82}_{-0.83}$	z_{eq}	3148 ± 67
z_{rec}	1087.87 ± 0.63	z_{reion}	10.4 ± 1.1
z_*	$1090.61^{+0.57}_{-0.58}$		