WMAP Cosmological Parameters

Model: olcdm

Data: wmap9+spt+act+bao

$10^9 \Delta_{\mathcal{R}}^2$	2.429 ± 0.086	H_0	68.0 ± 1.0 km/s/Mpc
$A_{\mathrm{clustered}}$	< 10 (95% CL)	$A_{\mathrm{Poisson}}^{\mathrm{ACT}}$	14.8 ± 2.3
$A_{\mathrm{Poisson}}^{\mathrm{SPT}}$	> 17 (95% CL)	$\ell(\ell+1)C_{220}/(2\pi)$	5750_{-34}^{+33} μK^2
$d_A(z_{\mathrm{eq}})$	14234 ± 89 Mpc	$d_A(z_*)$	14073 ± 93 Mpc
$D_v(z=0.57)/r_s(z_d)$	13.52 ± 0.14	η	$(6.10 \pm 0.10) \times 10^{-10}$
k_{eq}	0.00984 ± 0.00026	ℓ_{eq}	138.5 ± 2.8
ℓ_*	302.05 ± 0.42	n_b	$(2.503_{-0.042}^{+0.041}) \times 10^{-7}$ cm^{-3}
n_s	0.9642 ± 0.0098	Ω_b	0.0482 ± 0.0015
$\Omega_b h^2$	0.02229 ± 0.00037	Ω_c	$0.2434_{-0.0095}^{+0.0096}$
$\Omega_c h^2$	$0.1125_{-0.0036}^{+0.0037}$	Ω_k	$-0.0049_{-0.0040}^{+0.0041}$
Ω_k	$-0.0127 < \Omega_k < 0.0030$ (95% CL)	Ω_Λ	0.713 ± 0.011
Ω_m	0.292 ± 0.010	$\Omega_m h^2$	$0.1348_{-0.0035}^{+0.0036}$
Ω_{tot}	$1.0049_{-0.0041}^{+0.0040}$	Ω_{tot}	$1.00 < \Omega_{\mathrm{tot}} < 1.01$ (95% CL)
$r_s(z_d)$	153.0 ± 1.0 Mpc	$r_s(z_d)/D_v(z=0.106)$	0.3381 ± 0.0046
$r_s(z_d)/D_v(z=0.2)$	$0.1847_{-0.0023}^{+0.0024}$	$r_s(z_d)/D_v(z=0.35)$	0.1112 ± 0.0013
$r_s(z_d)/D_v(z=0.44)$	0.0913 ± 0.0010	$r_s(z_d)/D_v(z=0.54)$	$0.07719_{-0.00080}^{+0.00081}$
$r_s(z_d)/D_v(z=0.57)$	$0.07395_{-0.00076}^{+0.00077}$	$r_s(z_d)/D_v(z=0.6)$	$0.07104_{-0.00072}^{+0.00073}$
$r_s(z_d)/D_v(z=0.73)$	$0.06128_{-0.00058}^{+0.00059}$	$r_s(z_*)$	146.37 ± 0.94
R	1.723 ± 0.013	σ_8	0.806 ± 0.019
$\sigma_8 \Omega_m^{0.5}$	0.435 ± 0.015	$\sigma_8 \Omega_m^{0.6}$	0.385 ± 0.014
A_{SZ}	< 1.1 (95% CL)	t_0	13.99 ± 0.17 Gyr
τ	0.084 ± 0.013	θ_*	$0.010401_{-0.000014}^{+0.000015}$
θ_*	0.59592 ± 0.00083 $^\circ$	τ_{rec}	284.7 ± 1.9
t_{reion}	479_{-67}^{+65} Myr	t_*	377545_{-3386}^{+3311} yr
z_d	$1019.79_{-0.84}^{+0.82}$	z_{eq}	3227_{-85}^{+86}
z_{rec}	$1088.42_{-0.68}^{+0.69}$	z_{reion}	$10.2_{-1.0}^{+1.1}$
z_*	$1091.31_{-0.67}^{+0.68}$		