WMAP Cosmological Parameters

Model: olcdm+mnu

Data: wmap9+spt+act+snls3+bao+h0

$10^9\Delta^2_{\mathcal{R}}$	$2.460^{+0.094}_{-0.095}$	H_0	$68.86^{+0.97}_{-0.98}$ km/s/Mpc
$A_{\rm clustered}$	< 11 (95% CL)	$A^{\rm ACT}_{\rm Poisson}$	14.7 ± 2.4
$A^{\rm SPT}_{\rm Poisson}$	> 16 (95% CL)	$\ell(\ell+1)C_{220}/(2\pi)$	5752^{+34}_{-33} μK^2
$d_A(z_{\rm eq})$	14193 ± 95 Mpc	$d_A(z_*)$	14025 ± 100 Mpc
$D_v(z=0.57)/r_s(z_d)$	13.35 ± 0.13	η	$(6.09 \pm 0.11) \times 10^{-10}$
$k_{\rm eq}$	0.00995 ± 0.00028	$\ell_{\rm eq}$	$139.5^{+3.0}_{-3.1}$
ℓ_*	302.00 ± 0.42	$\sum m_\nu$	< 0.80 eV (95% CL)
n_b	$(2.500 \pm 0.044) \times 10^{-7}$ cm^{-3}	n_s	0.963 ± 0.010
Ω_b	0.0470 ± 0.0014	$\Omega_b h^2$	0.02226 ± 0.00039
Ω_c	0.241 ± 0.010	$\Omega_c h^2$	0.1140 ± 0.0040
Ω_k	$0.0036^{+0.0068}_{-0.0066}$	Ω_k	$-0.0076 < \Omega_k < 0.0188$ (95% CL)
Ω_Λ	$0.702^{+0.018}_{-0.019}$	Ω_m	0.295 ± 0.014
$\Omega_m h^2$	$0.1397^{+0.0053}_{-0.0052}$	$\Omega_\nu h^2$	< 0.0085 (95% CL)
$\Omega_{\rm tot}$	$0.9964^{+0.0066}_{-0.0068}$	$\Omega_{\rm tot}$	$0.98 < \Omega_{\rm tot} < 1.01$ (95% CL)
$r_s(z_d)$	152.5 ± 1.1 Mpc	$r_s(z_d)/D_v(z=0.106)$	0.3415 ± 0.0045
$r_s(z_d)/D_v(z=0.2)$	0.1867 ± 0.0023	$r_s(z_d)/D_v(z=0.35)$	0.1125 ± 0.0012
$r_s(z_d)/D_v(z=0.44)$	$0.09246^{+0.00097}_{-0.00095}$	$r_s(z_d)/D_v(z=0.54)$	$0.07819^{+0.00078}_{-0.00077}$
$r_s(z_d)/D_v(z=0.57)$	$0.07491^{+0.00074}_{-0.00073}$	$r_s(z_d)/D_v(z=0.6)$	$0.07197^{+0.00070}_{-0.00069}$
$r_s(z_d)/D_v(z=0.73)$	$0.06211^{+0.00059}_{-0.00058}$	$r_s(z_*)$	145.9 ± 1.0
R	$1.748^{+0.024}_{-0.023}$	σ_8	$0.750^{+0.046}_{-0.048}$
$\sigma_8\Omega_m^{0.5}$	0.407 ± 0.022	$\sigma_8\Omega_m^{0.6}$	0.360 ± 0.019
$\alpha_{\rm SNLS}$	1.43 ± 0.11	$\beta_{\rm SNLS}$	3.26 ± 0.11
$A_{\rm SZ}$	< 1.1 (95% CL)	t_0	13.74 ± 0.20 Gyr
τ	0.086 ± 0.013	θ_*	$0.010403^{+0.000015}_{-0.000014}$
θ_*	$0.59603^{+0.00084}_{-0.00082}$ $^\circ$	$\tau_{\rm rec}$	283.7 ± 2.2
$t_{\rm reion}$	451^{+63}_{-64} Myr	t_*	375787^{+3832}_{-3838} yr
z_d	1019.86 ± 0.83	$z_{\rm eq}$	3262^{+92}_{-93}
$z_{\rm rec}$	1088.60 ± 0.74	$z_{\rm reion}$	10.5 ± 1.1
z_*	$1091.48^{+0.75}_{-0.74}$		