WMAP Cosmological Parameters

Model: owcdm

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

$10^9\Delta^2_{\mathcal{R}}$	$2.434^{+0.086}_{-0.085}$	H_0	70.7 ± 1.3 km/s/Mpc
$A_{\rm clustered}$	< 10 (95% CL)	$A^{\rm ACT}_{\rm Poisson}$	14.8 ± 2.3
$A^{\rm SPT}_{\rm Poisson}$	> 17 (95% CL)	$\ell(\ell+1)C_{220}/(2\pi)$	$5751 \pm 33\ \mu{\rm K}^2$
$d_A(z_{\rm eq})$	14218^{+88}_{-87} Mpc	$d_A(z_*)$	14058^{+92}_{-91} Mpc
$D_v(z=0.57)/r_s(z_d)$	13.50 ± 0.15	η	$(6.10 \pm 0.10) \times 10^{-10}$
$k_{\rm eq}$	0.00988 ± 0.00026	$\ell_{\rm eq}$	138.9 ± 2.8
ℓ_*	302.06 ± 0.43	n_b	$(2.504^{+0.042}_{-0.041}) \times 10^{-7}$ cm^{-3}
n_s	$0.9633^{+0.0099}_{-0.0098}$	Ω_b	0.0446 ± 0.0018
$\Omega_b h^2$	0.02229 ± 0.00037	Ω_c	$0.2262^{+0.0098}_{-0.0099}$
$\Omega_c h^2$	$0.1131^{+0.0037}_{-0.0036}$	Ω_k	$-0.0059^{+0.0038}_{-0.0039}$
Ω_k	$-0.0134 < \Omega_k < 0.0020$ (95% CL)	Ω_Λ	0.735 ± 0.013
Ω_m	0.271 ± 0.011	$\Omega_m h^2$	$0.1354^{+0.0036}_{-0.0035}$
$\Omega_{\rm tot}$	$1.0059^{+0.0039}_{-0.0038}$	$\Omega_{\rm tot}$	$1.00 < \Omega_{\rm tot} < 1.01$ (95% CL)
$r_s(z_d)$	$152.86^{+1.01}_{-1.00}$ Mpc	$r_s(z_d)/D_v(z=0.106)$	$0.3475^{+0.0049}_{-0.0051}$
$r_s(z_d)/D_v(z=0.2)$	0.1884 ± 0.0023	$r_s(z_d)/D_v(z=0.35)$	0.1123 ± 0.0012
$r_s(z_d)/D_v(z=0.44)$	0.09188 ± 0.00099	$r_s(z_d)/D_v(z=0.54)$	0.07738 ± 0.00085
$r_s(z_d)/D_v(z=0.57)$	0.07406 ± 0.00082	$r_s(z_d)/D_v(z=0.6)$	0.07108 ± 0.00078
$r_s(z_d)/D_v(z=0.73)$	$0.06114^{+0.00067}_{-0.00068}$	$r_s(z_*)$	146.21 ± 0.93
R	$1.725^{+0.013}_{-0.012}$	σ_8	$0.842^{+0.026}_{-0.027}$
$\sigma_8\Omega_m^{0.5}$	0.438 ± 0.015	$\sigma_8\Omega_m^{0.6}$	0.385 ± 0.014
$\alpha_{\rm SNLS}$	1.44 ± 0.11	$\beta_{\rm SNLS}$	3.27 ± 0.11
$A_{\rm SZ}$	< 1.1 (95% CL)	t_0	14.00 ± 0.18 Gyr
τ	0.082 ± 0.013	θ_*	0.010401 ± 0.000015
θ_*	$0.59592 \pm 0.00084\ ^\circ$	$\tau_{\rm rec}$	284.4 ± 1.9
$t_{\rm reion}$	486^{+69}_{-68} Myr	t_*	377006^{+3318}_{-3376} yr
w	$-1.122^{+0.068}_{-0.067}$	z_d	1019.85 ± 0.81
$z_{\rm eq}$	3241 ± 85	$z_{\rm rec}$	1088.46 ± 0.70
$z_{\rm reion}$	$10.1^{+1.0}_{-1.1}$	z_*	$1091.36^{+0.68}_{-0.67}$