WMAP Cosmological Parameters

Model: lcdm+iso+uncorr

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

$10^9\Delta^2_{\mathcal{R}}$	$2.469^{+0.072}_{-0.071}$	H_0	69.67 ± 0.81 km/s/Mpc
$A_{\rm clustered}$	< 10 (95% CL)	$A^{\rm ACT}_{\rm Poisson}$	15.0 ± 2.2
$A^{\rm SPT}_{\rm Poisson}$	> 17 (95% CL)	$\ell(\ell+1)C_{220}/(2\pi)$	5736 ± 32 μK^2
$d_A(z_{\rm eq})$	14188 ± 66 Mpc	$d_A(z_*)$	14022^{+67}_{-66} Mpc
$D_v(z=0.57)/r_s(z_d)$	13.30 ± 0.11	η	$(6.099^{+0.091}_{-0.092}) \times 10^{-10}$
$k_{\rm eq}$	0.00999 ± 0.00014	$\ell_{\rm eq}$	140.1 ± 1.4
ℓ_*	$302.13^{+0.39}_{-0.38}$	n_b	$(2.505^{+0.037}_{-0.038}) \times 10^{-7}$ cm^{-3}
n_s	0.9648 ± 0.0083	Ω_b	$0.04596^{+0.00093}_{-0.00091}$
$\Omega_b h^2$	$0.02230^{+0.00033}_{-0.00034}$	Ω_c	$0.2362^{+0.0086}_{-0.0085}$
$\Omega_c h^2$	0.1146 ± 0.0019	Ω_Λ	$0.7179^{+0.0092}_{-0.0096}$
Ω_m	$0.2821^{+0.0096}_{-0.0092}$	$\Omega_m h^2$	$0.1369^{+0.0020}_{-0.0019}$
$r_s(z_d)$	$152.42^{+0.69}_{-0.68}$ Mpc	$r_s(z_d)/D_v(z=0.106)$	$0.3448^{+0.0042}_{-0.0043}$
$r_s(z_d)/D_v(z=0.2)$	$0.1883^{+0.0021}_{-0.0022}$	$r_s(z_d)/D_v(z=0.35)$	$0.1132^{+0.0011}_{-0.0012}$
$r_s(z_d)/D_v(z=0.44)$	$0.09292^{+0.00086}_{-0.00089}$	$r_s(z_d)/D_v(z=0.54)$	$0.07849^{+0.00067}_{-0.00069}$
$r_s(z_d)/D_v(z=0.57)$	$0.07517^{+0.00062}_{-0.00064}$	$r_s(z_d)/D_v(z=0.6)$	$0.07220^{+0.00058}_{-0.00060}$
$r_s(z_d)/D_v(z=0.73)$	$0.06224^{+0.00045}_{-0.00047}$	$r_s(z_*)$	145.80 ± 0.58
R	$1.7302^{+0.0059}_{-0.0057}$	σ_8	$0.817^{+0.014}_{-0.013}$
$\sigma_8\Omega_m^{0.5}$	0.434 ± 0.012	$\sigma_8\Omega_m^{0.6}$	0.382 ± 0.012
$\alpha_{\rm SNLS}$	1.44 ± 0.11	$\beta_{\rm SNLS}$	3.26 ± 0.11
$A_{\rm SZ}$	< 1.0 (95% CL)	t_0	$13.761^{+0.061}_{-0.060}$ Gyr
τ	0.080 ± 0.012	θ_*	0.010398 ± 0.000013
θ_*	$0.59577^{+0.00075}_{-0.00077}$ $\circ$	$\tau_{\rm rec}$	283.6 ± 1.0
$t_{\rm reion}$	489^{+67}_{-69} Myr	t_*	375641^{+1694}_{-1763} yr
α_0	< 0.048 (95% CL)	z_d	$1020.02^{+0.81}_{-0.82}$
$z_{\rm eq}$	3276^{+47}_{-46}	$z_{\rm rec}$	$1088.55^{+0.59}_{-0.58}$
$z_{\rm reion}$	10.0 ± 1.0	z_*	$1091.47^{+0.48}_{-0.46}$