WMAP Cosmological Parameters

Model: lcdm+iso+corr

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

$10^9\Delta^2_{\mathcal{R}}$	2.398 ± 0.076	H_0	$69.79^{+0.79}_{-0.80}$ km/s/Mpc
$A_{\rm clustered}$	< 10 (95% CL)	α_{-1}	< 0.0039 (95% CL)
$A^{\rm ACT}_{\rm Poisson}$	14.9 ± 2.3	$A^{\rm SPT}_{\rm Poisson}$	> 17 (95% CL)
$\ell(\ell+1)C_{220}/(2\pi)$	5738^{+32}_{-31} μK^2	$d_A(z_{\rm eq})$	14185 ± 65 Mpc
$d_A(z_*)$	14020 ± 66 Mpc	$D_v(z=0.57)/r_s(z_d)$	13.28 ± 0.11
η	$(6.068 \pm 0.092) \times 10^{-10}$	$k_{\rm eq}$	0.00999 ± 0.00014
$\ell_{\rm eq}$	140.0 ± 1.4	ℓ_*	$301.93^{+0.39}_{-0.40}$
n_b	$(2.492 \pm 0.038) \times 10^{-7}$ cm^{-3}	n_s	$0.9669^{+0.0086}_{-0.0087}$
Ω_b	0.04557 ± 0.00093	$\Omega_b h^2$	$0.02219^{+0.00034}_{-0.00033}$
Ω_c	$0.2354^{+0.0083}_{-0.0085}$	$\Omega_c h^2$	$0.1146^{+0.0018}_{-0.0019}$
Ω_Λ	$0.7190^{+0.0093}_{-0.0091}$	Ω_m	$0.2810^{+0.0091}_{-0.0093}$
$\Omega_m h^2$	$0.1368^{+0.0019}_{-0.0020}$	$r_s(z_d)$	$152.54^{+0.70}_{-0.69}$ Mpc
$r_s(z_d)/D_v(z=0.106)$	0.3456 ± 0.0043	$r_s(z_d)/D_v(z=0.2)$	0.1887 ± 0.0022
$r_s(z_d)/D_v(z=0.35)$	0.1134 ± 0.0011	$r_s(z_d)/D_v(z=0.44)$	0.09311 ± 0.00087
$r_s(z_d)/D_v(z=0.54)$	0.07864 ± 0.00068	$r_s(z_d)/D_v(z=0.57)$	0.07532 ± 0.00063
$r_s(z_d)/D_v(z=0.6)$	0.07234 ± 0.00059	$r_s(z_d)/D_v(z=0.73)$	0.06235 ± 0.00046
$r_s(z_*)$	145.88 ± 0.58	R	$1.7295^{+0.0057}_{-0.0058}$
σ_8	0.819 ± 0.014	$\sigma_8\Omega_m^{0.5}$	0.434 ± 0.012
$\sigma_8\Omega_m^{0.6}$	0.383 ± 0.012	$\alpha_{\rm SNLS}$	1.43 ± 0.11
$\beta_{\rm SNLS}$	3.26 ± 0.11	$A_{\rm SZ}$	< 1.0 (95% CL)
t_0	$13.752^{+0.059}_{-0.060}$ Gyr	τ	0.079 ± 0.012
θ_*	$0.010405^{+0.000014}_{-0.000013}$	θ_*	$0.59617^{+0.00078}_{-0.00077}$ $^\circ$
$\tau_{\rm rec}$	$283.61^{+1.03}_{-1.00}$	$t_{\rm reion}$	498^{+70}_{-71} Myr
t_*	375601^{+1729}_{-1684} yr	z_d	1019.76 ± 0.81
$z_{\rm eq}$	3275^{+46}_{-47}	$z_{\rm rec}$	1088.68 ± 0.58
$z_{\rm reion}$	9.9 ± 1.0	z_*	$1091.63^{+0.48}_{-0.46}$