WMAP Cosmological Parameters

Model: lcdm+sz+lens+nrel

Data: wmap5+bao+snall+hst

$10^2\Omega_b h^2$	2.264 ± 0.058	$1 - n_s$	0.026 ± 0.019
$1 - n_s$	$-0.012 < 1 - n_s < 0.064$ (95% CL)	$A_{\rm BAO}(z = 0.35)$	$0.4727^{+0.0099}_{-0.0097}$
C_{220}	5744 ± 42	$d_A(z_{\rm eq})$	13235^{+1034}_{-1027} Mpc
$d_A(z_*)$	13082^{+1021}_{-1013} Mpc	$\Delta^2_{\mathcal{R}}$	$(2.442^{+0.095}_{-0.097}) \times 10^{-9}$
h	$0.755^{+0.059}_{-0.060}$	H_0	$75.5^{+5.9}_{-6.0}$ km/s/Mpc
$k_{\rm eq}$	0.01069 ± 0.00080	$\ell_{\rm eq}$	$139.1^{+2.7}_{-2.6}$
ℓ_*	$303.4^{+1.6}_{-1.7}$	$N_{\rm eff}$	4.4 ± 1.5
$N_{\rm eff}$	$1.9 < N_{\rm eff} < 7.8$ (95% CL)	n_s	0.974 ± 0.019
Ω_b	$0.0405^{+0.0064}_{-0.0063}$	$\Omega_b h^2$	0.02264 ± 0.00058
Ω_c	0.239 ± 0.015	$\Omega_c h^2$	0.137 ± 0.025
Ω_Λ	0.721 ± 0.014	Ω_m	0.279 ± 0.014
$\Omega_m h^2$	0.160 ± 0.025	$r_{\rm hor}(z_{\rm dec})$	264 ± 22 Mpc
$r_s(z_d)$	142 ± 12 Mpc	$r_s(z_d)/D_v(z = 0.2)$	$0.1882^{+0.0035}_{-0.0034}$
$r_s(z_d)/D_v(z = 0.35)$	$0.1131^{+0.0019}_{-0.0018}$	$r_s(z_*)$	136 ± 11 Mpc
R	$1.7282^{+0.0091}_{-0.0088}$	σ_8	$0.865^{+0.059}_{-0.058}$
$A_{\rm SZ}$	$0.97^{+0.70}_{-0.96}$	t_0	12.82 ± 0.99 Gyr
τ	$0.085^{+0.017}_{-0.016}$	θ_*	$0.010355^{+0.000057}_{-0.000056}$
θ_*	0.5933 ± 0.0032 °	t_*	349504^{+28991}_{-29052} yr
$z_{\rm dec}$	$1090.2^{+2.3}_{-2.4}$	z_d	$1022.1^{+1.9}_{-2.0}$
$z_{\rm eq}$	3240^{+99}_{-97}	$z_{\rm reion}$	11.5 ± 1.6
z_*	1092.9 ± 2.2		