WMAP Cosmological Parameters

Model: lcdm+run

Data: wmap9+spt+act+h0

$10^9\Delta^2_{\mathcal{R}}$	2.317 ± 0.089	H_0	$70.9^{+1.4}_{-1.5}$ km/s/Mpc
$A_{\rm clustered}$	< 12 (95% CL)	$A^{\rm ACT}_{\rm Poisson}$	14.0 ± 2.6
$A^{\rm SPT}_{\rm Poisson}$	> 14 (95% CL)	$\ell(\ell+1)C_{220}/(2\pi)$	5769 ± 33 μK^2
$d_A(z_{\rm eq})$	14221 ± 87 Mpc	$d_A(z_*)$	14056 ± 88 Mpc
$dn_s/d\ln k$	-0.019 ± 0.011	$D_v(z=0.57)/r_s(z_d)$	13.13 ± 0.21
η	$(6.137^{+0.098}_{-0.097}) \times 10^{-10}$	$k_{\rm eq}$	0.00984 ± 0.00023
$\ell_{\rm eq}$	138.3 ± 2.5	ℓ_*	$301.86^{+0.40}_{-0.41}$
n_b	$(2.521 \pm 0.040) \times 10^{-7}$ cm^{-3}	n_s	1.016 ± 0.030
Ω_b	0.0446 ± 0.0016	$\Omega_b h^2$	$0.02245^{+0.00036}_{-0.00035}$
Ω_c	0.224 ± 0.015	$\Omega_c h^2$	0.1124 ± 0.0032
Ω_Λ	0.732 ± 0.017	Ω_m	0.268 ± 0.017
$\Omega_m h^2$	0.1348 ± 0.0032	$r_s(z_d)$	$152.88^{+0.95}_{-0.96}$ Mpc
$r_s(z_d)/D_v(z=0.106)$	0.3516 ± 0.0081	$r_s(z_d)/D_v(z=0.2)$	0.1917 ± 0.0041
$r_s(z_d)/D_v(z=0.35)$	0.1150 ± 0.0022	$r_s(z_d)/D_v(z=0.44)$	0.0943 ± 0.0017
$r_s(z_d)/D_v(z=0.54)$	0.0796 ± 0.0013	$r_s(z_d)/D_v(z=0.57)$	0.0762 ± 0.0012
$r_s(z_d)/D_v(z=0.6)$	0.0732 ± 0.0011	$r_s(z_d)/D_v(z=0.73)$	0.06299 ± 0.00088
$r_s(z_*)$	$146.28^{+0.86}_{-0.87}$	R	1.721 ± 0.011
σ_8	0.810 ± 0.017	$\sigma_8\Omega_m^{0.5}$	0.420 ± 0.020
$\sigma_8\Omega_m^{0.6}$	0.368 ± 0.019	$A_{\rm SZ}$	< 1.3 (95% CL)
t_0	$13.707^{+0.070}_{-0.069}$ Gyr	τ	0.094 ± 0.014
θ_*	0.010408 ± 0.000014	θ_*	0.59631 ± 0.00080 °
$\tau_{\rm rec}$	284.7 ± 1.7	$t_{\rm reion}$	431^{+62}_{-63} Myr
t_*	377636^{+2962}_{-2979} yr	z_d	$1020.13^{+0.83}_{-0.82}$
$z_{\rm eq}$	3227 ± 76	$z_{\rm rec}$	1088.26 ± 0.64
$z_{\rm reion}$	11.0 ± 1.2	z_*	$1091.09^{+0.60}_{-0.59}$