| WMAP Cosmological Parameters<br>Model: owcdm+sz+lens<br>Data: wmap7 | | | |
|---|---|---|---|
| $10^2\Omega_b h^2$ | $2.223^{+0.055}_{-0.056}$ | $1 - n_s$ | $0.046^{+0.013}_{-0.015}$ |
| $1 - n_s$ | $0.020 < 1 - n_s < 0.074$ (95% CL) | $1 + w$ | $< 1.0$ (95% CL) |
| $A_{\rm BAO}(z = 0.35)$ | $0.64 \pm 0.12$ | $C_{220}$ | $5767 \pm 37$ |
| $d_A(z_{\rm eq})$ | $14248^{+165}_{-166}$ Mpc | $d_A(z_*)$ | $14120^{+168}_{-166}$ Mpc |
| $\Delta^2_{\mathcal{R}}$ | $(2.49^{+0.11}_{-0.12}) \times 10^{-9}$ | $h$ | $0.50^{+0.14}_{-0.13}$ |
| $H_0$ | $50^{+14}_{-13}$ km/s/Mpc | $k_{\rm eq}$ | $0.00981 \pm 0.00042$ |
| $\ell_{\rm eq}$ | $138.5^{+4.4}_{-4.5}$ | $\ell_*$ | $302.69^{+0.75}_{-0.81}$ |
| $n_s$ | $0.954^{+0.015}_{-0.013}$ | $\Omega_b$ | $0.110^{+0.058}_{-0.055}$ |
| $\Omega_b h^2$ | $0.02223^{+0.00055}_{-0.00056}$ | $\Omega_c$ | $0.56^{+0.30}_{-0.28}$ |
| $\Omega_c h^2$ | $0.1121^{+0.0058}_{-0.0057}$ | $\Omega_k$ | $-0.102^{+0.085}_{-0.097}$ |
| $\Omega_k$ | $-0.2764 < \Omega_k < 0.0045$ (95% CL) | $\Omega_\Lambda$ | $< 0.80$ (95% CL) |
| $\Omega_m$ | $0.67^{+0.36}_{-0.33}$ | $\Omega_m h^2$ | $0.1343^{+0.0058}_{-0.0057}$ |
| $\Omega_{\rm tot}$ | $1.102^{+0.097}_{-0.085}$ | $\Omega_{\rm tot}$ | $1.00 < \Omega_{\rm tot} < 1.28$ (95% CL) |
| $r_{\rm hor}(z_{\rm dec})$ | $284.9^{+3.2}_{-3.1}$ Mpc | $r_s(z_d)$ | $153.3^{+1.7}_{-1.8}$ Mpc |
| $r_s(z_d)/D_v(z = 0.2)$ | $0.139 \pm 0.030$ | $r_s(z_d)/D_v(z = 0.35)$ | $0.086 \pm 0.016$ |
| $r_s(z_*)$ | $146.6 \pm 1.6$ Mpc | $R$ | $1.726^{+0.019}_{-0.020}$ |
| $\sigma_8$ | $0.75^{+0.11}_{-0.10}$ | $A_{\rm SZ}$ | $1.04^{+0.95}_{-0.68}$ |
| $t_0$ | $16.5^{+1.8}_{-1.7}$ Gyr | $\tau$ | $0.086^{+0.013}_{-0.014}$ |
| $\theta_*$ | $0.010379^{+0.000028}_{-0.000026}$ | $\theta_*$ | $0.5947^{+0.0016}_{-0.0015}$ $^\circ$ |
| $t_*$ | $378012^{+5393}_{-5389}$ yr | $w$ | $< 0.0$ (95% CL) |
| $z_{\rm dec}$ | $1088.7^{+1.1}_{-1.2}$ | $z_d$ | $1019.6 \pm 1.4$ |
| $z_{\rm eq}$ | $3218 \pm 138$ | $z_{\rm reion}$ | $10.3 \pm 1.1$ |
| $z_*$ | $1091.36^{+0.94}_{-0.91}$ | | |