| WMAP Cosmological Parameters | | | |
|---|---|---|---|
| Model: owcdm+sz+lens | | | |
| Data: wmap5+bao+snall | | | |
| $10^2\Omega_b h^2$ | $2.268^{+0.059}_{-0.060}$ | $1-n_s$ | $0.038 \pm 0.014$ |
| $1-n_s$ | $0.010 < 1-n_s < 0.065$ (95% CL) | $1+w$ | $0.016^{+0.065}_{-0.064}$ |
| $1+w$ | $-0.11 < 1+w < 0.14$ (95% CL) | $A_{\rm BAO}(z=0.35)$ | $0.473^{+0.014}_{-0.013}$ |
| $C_{220}$ | $5756^{+43}_{-42}$ | $d_A(z_{\rm eq})$ | $14282^{+176}_{-178}$ Mpc |
| $d_A(z_*)$ | $14122^{+180}_{-184}$ Mpc | $\Delta^2_{\mathcal{R}}$ | $(2.41 \pm 0.11) \times 10^{-9}$ |
| $h$ | $0.687^{+0.019}_{-0.020}$ | $H_0$ | $68.7^{+1.9}_{-2.0}$ km/s/Mpc |
| $k_{\rm eq}$ | $0.00967 \pm 0.00045$ | $\ell_{\rm eq}$ | $136.5^{+4.7}_{-4.6}$ |
| $\ell_*$ | $302.12^{+0.86}_{-0.83}$ | $n_s$ | $0.962 \pm 0.014$ |
| $\Omega_b$ | $0.0481^{+0.0027}_{-0.0026}$ | $\Omega_b h^2$ | $0.02268^{+0.00059}_{-0.00060}$ |
| $\Omega_c$ | $0.233^{+0.015}_{-0.014}$ | $\Omega_c h^2$ | $0.1098^{+0.0061}_{-0.0060}$ |
| $\Omega_k$ | $-0.0046^{+0.0066}_{-0.0067}$ | $\Omega_k$ | $-0.0175 < \Omega_k < 0.0085$ (95% CL) |
| $\Omega_\Lambda$ | $0.724^{+0.015}_{-0.016}$ | $\Omega_m$ | $0.281^{+0.016}_{-0.015}$ |
| $\Omega_m h^2$ | $0.1325 \pm 0.0062$ | $\Omega_{\rm tot}$ | $1.0046^{+0.0067}_{-0.0066}$ |
| $\Omega_{\rm tot}$ | $0.99 < \Omega_{\rm tot} < 1.02$ (95% CL) | $r_{\rm hor}(z_{\rm dec})$ | $286.1^{+3.3}_{-3.4}$ Mpc |
| $r_s(z_d)$ | $153.4^{+2.0}_{-1.9}$ Mpc | $r_s(z_d)/D_v(z=0.2)$ | $0.1871^{+0.0045}_{-0.0048}$ |
| $r_s(z_d)/D_v(z=0.35)$ | $0.1125^{+0.0028}_{-0.0029}$ | $r_s(z_*)$ | $146.8^{+1.8}_{-1.7}$ Mpc |
| $R$ | $1.714 \pm 0.020$ | $\sigma_8$ | $0.788^{+0.045}_{-0.044}$ |
| $A_{\rm SZ}$ | $1.06^{+0.94}_{-0.69}$ | $t_0$ | $13.95^{+0.33}_{-0.32}$ Gyr |
| $\tau$ | $0.087 \pm 0.016$ | $\theta_*$ | $0.010399^{+0.000029}_{-0.000030}$ |
| $\theta_*$ | $0.5958^{+0.0016}_{-0.0017}$ $^\circ$ | $t_*$ | $380149^{+5713}_{-5757}$ yr |
| $w$ | $-0.984^{+0.065}_{-0.064}$ | $z_{\rm dec}$ | $1087.9 \pm 1.1$ |
| $z_d$ | $1020.4 \pm 1.5$ | $z_{\rm eq}$ | $3173^{+149}_{-148}$ |
| $z_{\rm reion}$ | $11.0 \pm 1.4$ | $z_*$ | $1090.57^{+0.91}_{-0.92}$ |