| WMAP Cosmological Parameters | | | |
|---|---|---|---|
| Model: owcdm+sz+lens | | | |
| Data: wmap5+ebao | | | |
| $10^2\Omega_bh^2$ | $2.255^{+0.058}_{-0.065}$ | $1-n_s$ | $0.042^{+0.014}_{-0.015}$ |
| $1-n_s$ | $0.013 < 1-n_s < 0.069$ (95% CL) | $1+w$ | $-0.37^{+0.45}_{-0.53}$ |
| $1+w$ | $-1.35 < 1+w < 0.28$ (95% CL) | $A_{\rm BAO}(z=0.35)$ | $0.475 \pm 0.015$ |
| $C_{220}$ | $5751 \pm 45$ | $d_A(z_{\rm eq})$ | $14289^{+167}_{-178}$ Mpc |
| $d_A(z_*)$ | $14136^{+165}_{-180}$ Mpc | $\Delta^2_{\mathcal{R}}$ | $(2.44 \pm 0.11) \times 10^{-9}$ |
| $h$ | $0.750^{+0.097}_{-0.089}$ | $H_0$ | $75.0^{+9.7}_{-8.9}$ km/s/Mpc |
| $k_{\rm eq}$ | $0.00967 \pm 0.00046$ | $\ell_{\rm eq}$ | $136.7^{+4.8}_{-5.0}$ |
| $\ell_*$ | $302.28^{+0.82}_{-0.85}$ | $n_s$ | $0.958^{+0.015}_{-0.014}$ |
| $\Omega_b$ | $0.042 \pm 0.010$ | $\Omega_bh^2$ | $0.02255^{+0.00058}_{-0.00065}$ |
| $\Omega_c$ | $0.202^{+0.047}_{-0.046}$ | $\Omega_ch^2$ | $0.1099^{+0.0061}_{-0.0064}$ |
| $\Omega_k$ | $-0.0096^{+0.0072}_{-0.0068}$ | $\Omega_k$ | $-0.0228 < \Omega_k < 0.0046$ (95% CL) |
| $\Omega_\Lambda$ | $0.766 \pm 0.060$ | $\Omega_m$ | $0.244 \pm 0.057$ |
| $\Omega_mh^2$ | $0.1325 \pm 0.0063$ | $\Omega_{\rm tot}$ | $1.0096^{+0.0068}_{-0.0072}$ |
| $\Omega_{\rm tot}$ | $1.00 < \Omega_{\rm tot} < 1.02$ (95% CL) | $r_{\rm hor}(z_{\rm dec})$ | $286.0^{+3.5}_{-3.4}$ Mpc |
| $r_s(z_d)$ | $153.5 \pm 1.9$ Mpc | $r_s(z_d)/D_v(z=0.2)$ | $0.192^{+0.010}_{-0.011}$ |
| $r_s(z_d)/D_v(z=0.35)$ | $0.1120^{+0.0038}_{-0.0034}$ | $r_s(z_*)$ | $146.9 \pm 1.7$ Mpc |
| $R$ | $1.715^{+0.020}_{-0.021}$ | $\sigma_8$ | $0.88^{+0.13}_{-0.12}$ |
| $A_{\rm SZ}$ | $1.08^{+0.68}_{-0.70}$ | $t_0$ | $14.27 \pm 0.44$ Gyr |
| $\tau$ | $0.087^{+0.016}_{-0.017}$ | $\theta_*$ | $0.010393^{+0.000029}_{-0.000028}$ |
| $\theta_*$ | $0.5955^{+0.0017}_{-0.0016}\,^\circ$ | $t_*$ | $380062^{+6065}_{-5706}$ yr |
| $w$ | $-1.37^{+0.45}_{-0.53}$ | $z_{\rm dec}$ | $1088.1 \pm 1.1$ |
| $z_d$ | $1020.1 \pm 1.5$ | $z_{\rm eq}$ | $3173^{+150}_{-151}$ |
| $z_{\rm reion}$ | $11.0^{+1.4}_{-1.5}$ | $z_*$ | $1090.74^{+0.97}_{-1.02}$ |