planck_pr1_allch

Cosmo sample

- Catalogue [$A = -0.186 \pm 0.01$; $\alpha = 1.79 \pm 0.052$]
- X-ray prior [$A = -0.196 \pm 0.012$; $\alpha = 1.866 \pm 0.072$]
- X-ray prior iterative [$A = -0.186 \pm 0.011$; $\alpha = 1.851 \pm 0.073$]
- Blind [$A = -0.147 \pm 0.021$; $\alpha = 1.924 \pm 0.161$]

$$E(z)^{-2/3} D_A^2 Y_{500} = 10^A \left[\frac{M_{500}}{6 \times 10^{14} M_\odot} \right]^\alpha$$

Axis labels: $E(z)^{-2/3} D_A^2 Y_{500}$ (vertical), $M_{500}\ M_\odot$ (horizontal)