planck_pr3_allch_inpainted_data

Cosmo sample

- ■ Catalogue [$A = -0.186 \pm 0.01$; $\alpha = 1.788 \pm 0.054$]
- ● X-ray prior [$A = -0.189 \pm 0.01$; $\alpha = 1.813 \pm 0.064$]
- ● X-ray prior (NEM) [$A = -0.186 \pm 0.01$; $\alpha = 1.778 \pm 0.059$]
- ● X-ray prior iterative [$A = -0.17 \pm 0.01$; $\alpha = 1.749 \pm 0.057$]
- ● X-ray prior iterative (NEM) [$A = -0.17 \pm 0.01$; $\alpha = 1.742 \pm 0.058$]
- ● Blind [$A = -0.125 \pm 0.017$; $\alpha = 1.714 \pm 0.118$]
- ● Blind (NEM) [$A = -0.123 \pm 0.016$; $\alpha = 1.671 \pm 0.108$]

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

Y-axis: $E(z)^{-2/3} D_A^2 Y_{500}$

X-axis: $M_{500}\ M_\odot$