planck_pr3_hfi_inpainted_data

Cosmo sample

- Catalogue [$A = -0.186 \pm 0.01$; $\alpha = 1.788 \pm 0.054$]
- X-ray prior [$A = -0.186 \pm 0.01$; $\alpha = 1.802 \pm 0.062$]
- X-ray prior (NEM) [$A = -0.184 \pm 0.01$; $\alpha = 1.769 \pm 0.058$]
- X-ray prior iterative [$A = -0.172 \pm 0.01$; $\alpha = 1.75 \pm 0.057$]
- X-ray prior iterative (NEM) [$A = -0.172 \pm 0.01$; $\alpha = 1.727 \pm 0.054$]
- Blind [$A = -0.116 \pm 0.017$; $\alpha = 1.695 \pm 0.123$]
- Blind (NEM) [$A = -0.116 \pm 0.017$; $\alpha = 1.669 \pm 0.117$]

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

x-axis: $M_{500} \, M_\odot$

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