planck_pr3_allch_inpainted_data Cosmo sample: X-ray prior iterative (NEM) Catalogue [$A = -0.186 \pm 0.01$; $\alpha = 1.788 \pm 0.054$] X-ray prior iterative (NEM) $A = -0.17 \pm 0.01$; $\alpha = 1.742 \pm 0.058$] 10⁻³ $E(z)^{-2/3}D_A^2Y_{500}$ $E(z)^{-2/3}D_A^2Y_{500} = 10^A \left[\frac{M_{500}}{6 \times 10^{14}M_{\odot}}\right]^{\alpha}$ 10^{-5} 10^{15}

 $M_{500} M_{\odot}$