planck pr1 hfi inpainted data Cosmo sample Catalogue [$A = -0.186 \pm 0.01$; $\alpha = 1.788 \pm 0.054$] X-ray prior [$A = -0.189 \pm 0.01$; $\alpha = 1.827 \pm 0.064$] X-ray prior (NEM) [$A = -0.181 \pm 0.01$; $\alpha = 1.77 \pm 0.052$] 10^{-3} X-ray prior iterative [$A = -0.182 \pm 0.01$; $\alpha = 1.813 \pm 0.06$] X-ray prior iterative (NEM) [$A = -0.172 \pm 0.01$; $\alpha = 1.755 \pm 0.05$] Blind [$A = -0.133 \pm 0.02$; $\alpha = 1.873 \pm 0.158$] Blind (NEM) [$A = -0.121 \pm 0.019$; $\alpha = 1.785 \pm 0.136$] $E(z)^{-2/3}D_A^2Y_{500}$ 10^{-4} $E(z)^{-2/3}D_A^2Y_{500} = 10^A \left[\frac{M_{500}}{6 \times 10^{14} M_{\odot}}\right]^{\alpha}$ 10⁻⁵ 10^{15}

 $M_{500} M_{\odot}$