planck pr1 hfi masked data Cosmo sample Catalogue [$A = -0.186 \pm 0.01$; $\alpha = 1.788 \pm 0.054$] X-ray prior [$A = -0.193 \pm 0.011$; $\alpha = 1.847 \pm 0.069$] X-ray prior (NEM) [$A = -0.187 \pm 0.011$; $\alpha = 1.797 \pm 0.06$] 10^{-3} X-ray prior iterative [$A = -0.185 \pm 0.011$; $\alpha = 1.83 \pm 0.065$] X-ray prior iterative (NEM) [$A = -0.179 \pm 0.011$; $\alpha = 1.785 \pm 0.06$] Blind [$A = -0.135 \pm 0.02$; $\alpha = 1.867 \pm 0.157$] Blind (NEM) [$A = -0.124 \pm 0.02$; $\alpha = 1.827 \pm 0.143$] $E(z)^{-2/3}D_A^2Y_{500}$ 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} $M_{500} M_{\odot}$