

S4-Wide:

Fiducial priors:

— $A_{\text{CIB+tSZ}}=0.1$; $A_{\text{kSZ}}^h=0.1$; $\alpha_{\text{rad}}=0.1$; $\sigma(\alpha_{\text{rad}})=0.3$; $\alpha_{\text{kSZ}}^h=0.1$;
 $\tau_{\text{re}}=0.007$; $z_{\text{re}}^{\text{mid}}=1.43$

Late-time kSZ priors:

— $A_{\text{kSZ}}^h=0.1$; $\alpha_{\text{kSZ}}^h=0.1$; $\tau_{\text{re}}=0.007$; $z_{\text{re}}^{\text{mid}}=1.43$

Foreground priors:

— $A_{\text{CIB+tSZ}}=0.1$; $\alpha_{\text{rad}}=0.1$; $\sigma(\alpha_{\text{rad}})=0.3$; $\tau_{\text{re}}=0.007$; $z_{\text{re}}^{\text{mid}}=1.43$

Only τ prior:

— $\tau_{\text{re}}=0.007$; $z_{\text{re}}^{\text{mid}}=1.43$

