Contour plots for $M_{\rm CTOR} \rightarrow D_{\rm j}$

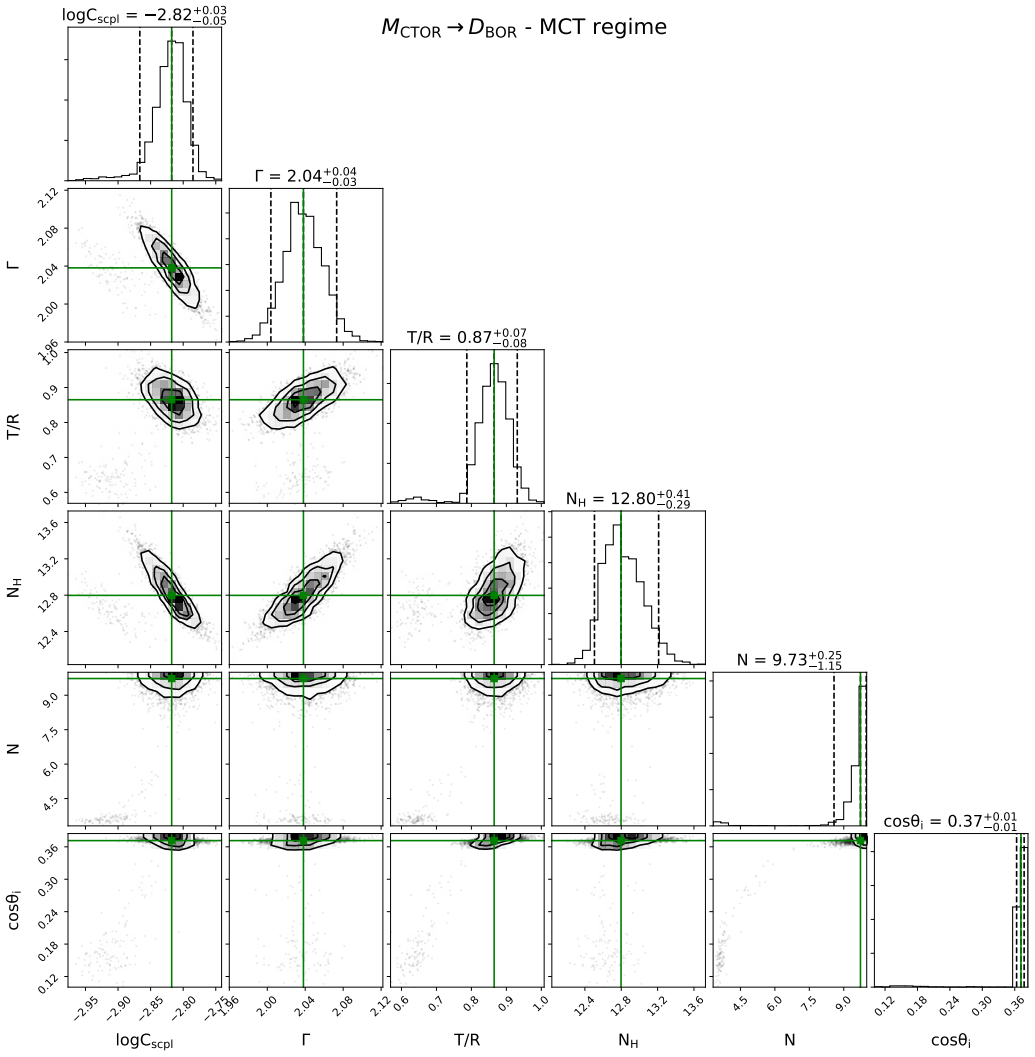

Figure 1: Contours for $M_{\rm CTOR} \rightarrow D_{\rm BOR}$ analysis in the MCT regime, with $N_{\rm H,los} = 100$ as input. χ^2/dof=1.19.

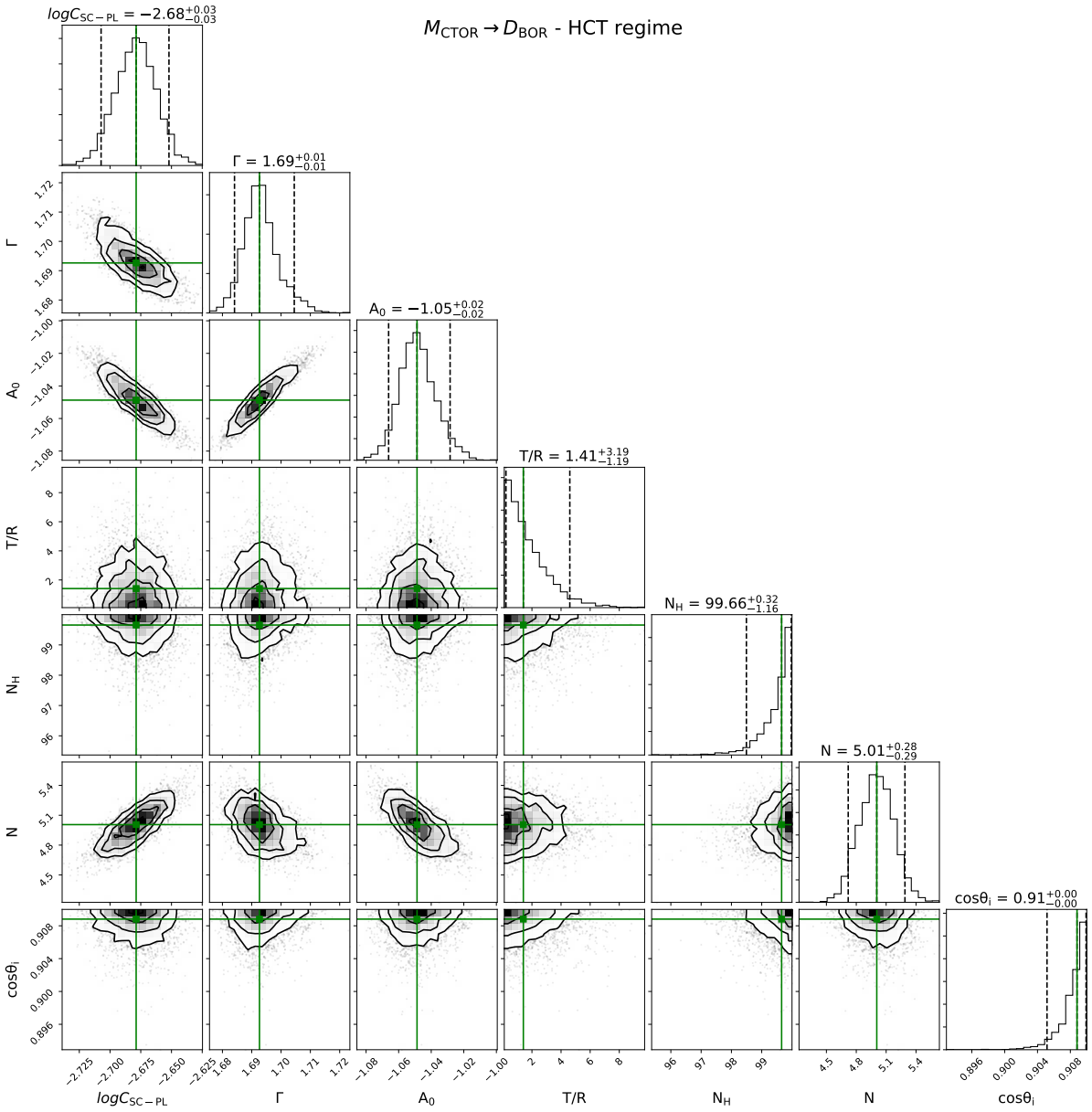

Figure 2: Contours for $M_{\rm CTOR} \rightarrow D_{\rm BOR}$ analysis in the HCT regime, with $N_{\rm H,los} = 500$ as input. χ^2/dof=1.45. The large value of reduced-χ^2 is due to the discrepant iron-line.

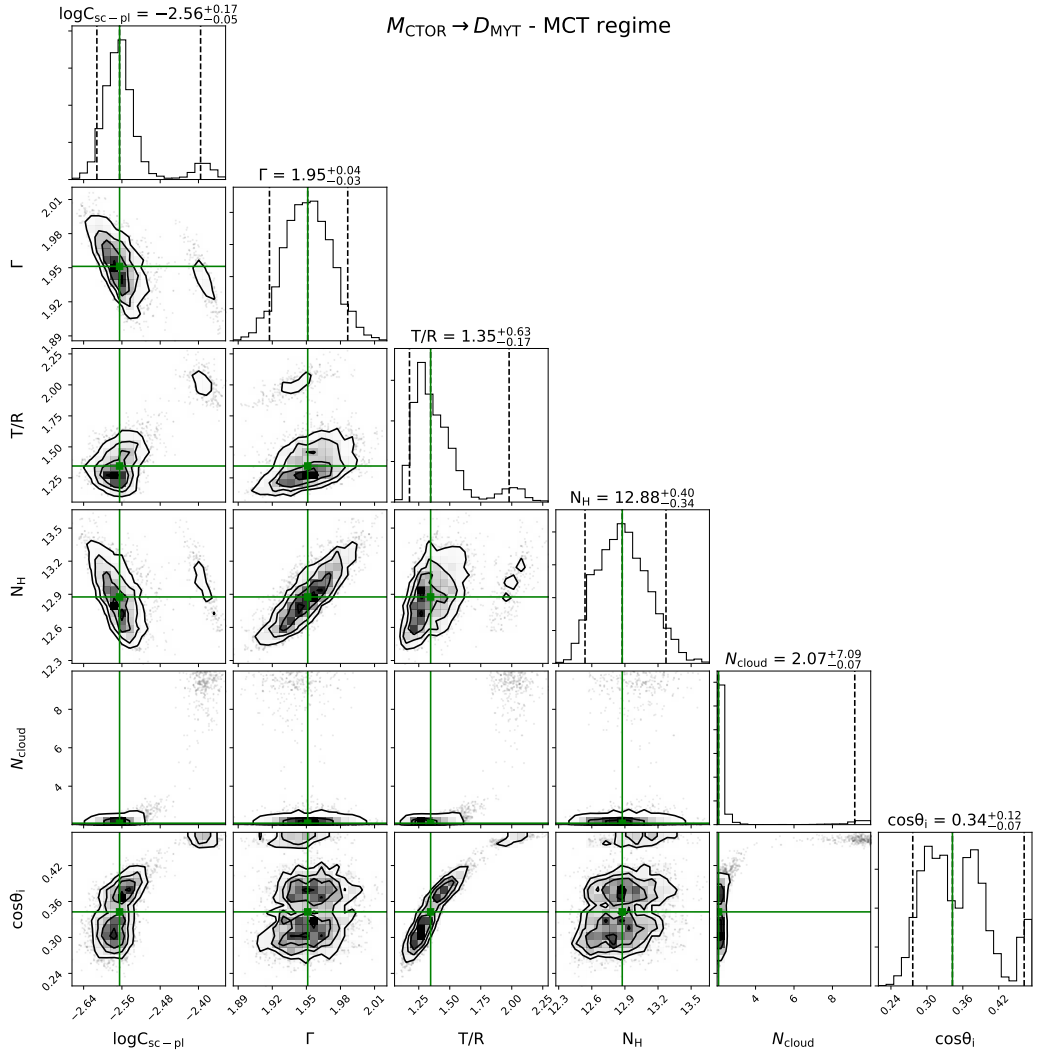

Figure 3: Contours for $M_{\rm CTOR} \rightarrow D_{\rm MYT}$ analysis in the MCT regime, with $N_{\rm H,los} = 100$ as input. χ^2/dof=1.16

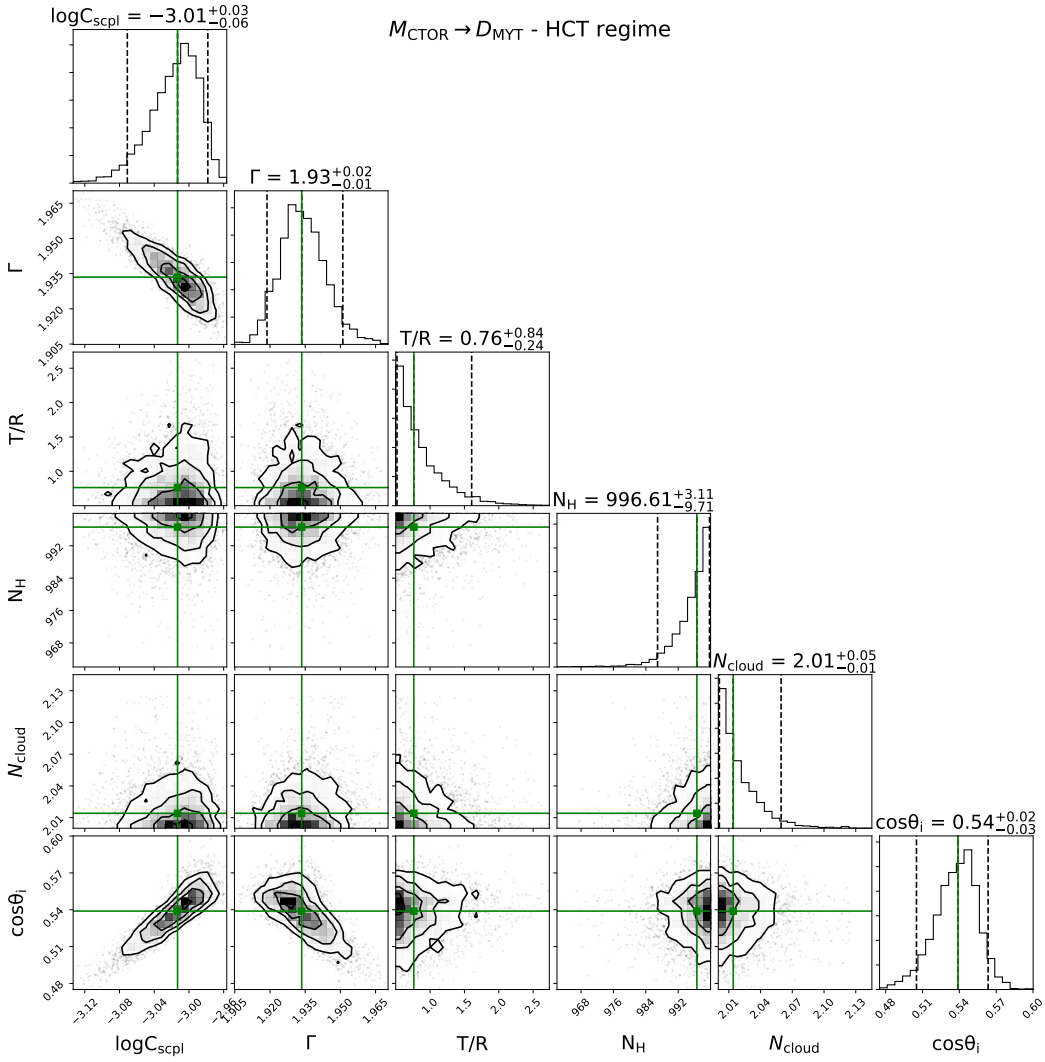

Figure 4: Contours for $M_{\rm CTOR} \rightarrow D_{\rm MYT}$ analysis in the HCT regime, with $N_{\rm H,los} = 500$ as input. χ^2/dof=1.33

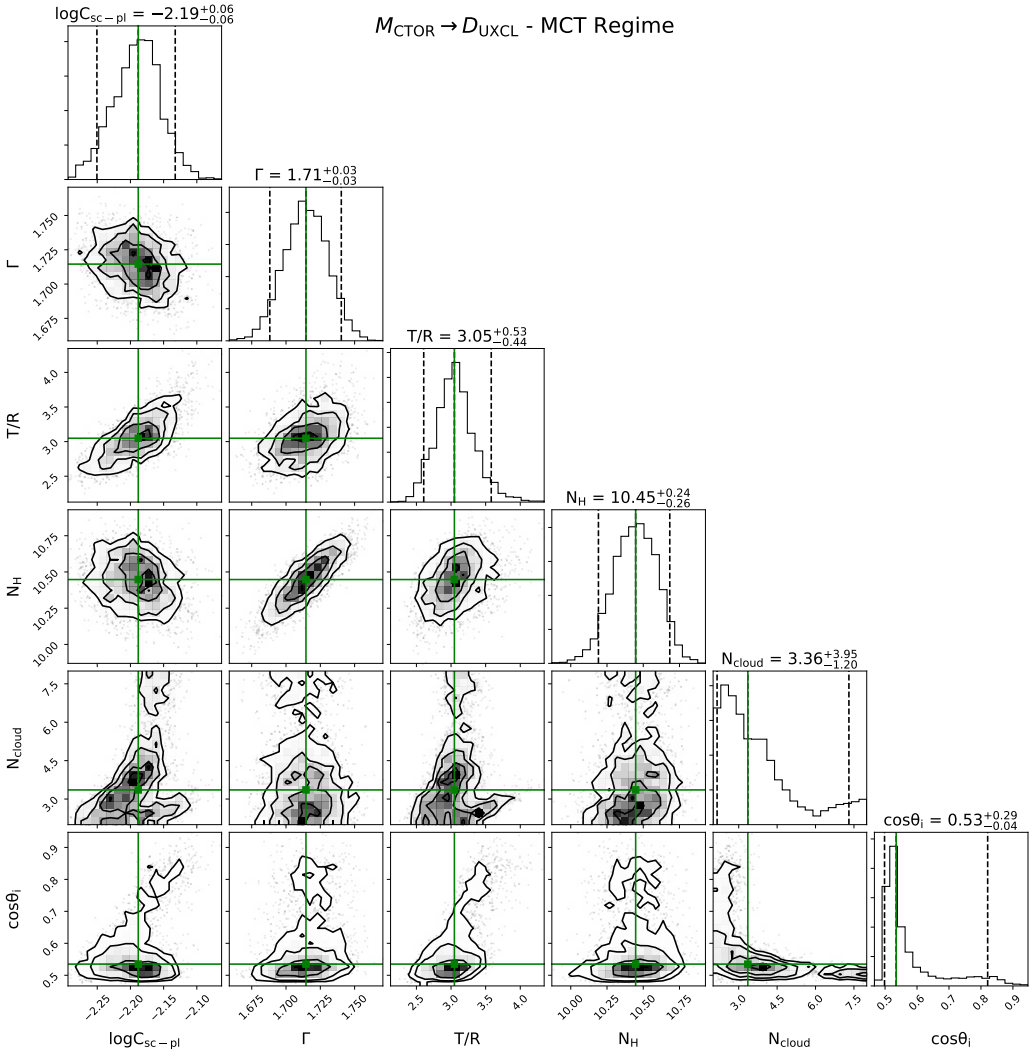

Figure 5: Contours for $M_{\rm CTOR} \rightarrow D_{\rm UXCL}$ analysis in the MCT regime, with $N_{\rm H,los} = 100$ as input. χ^2/dof=1.09.

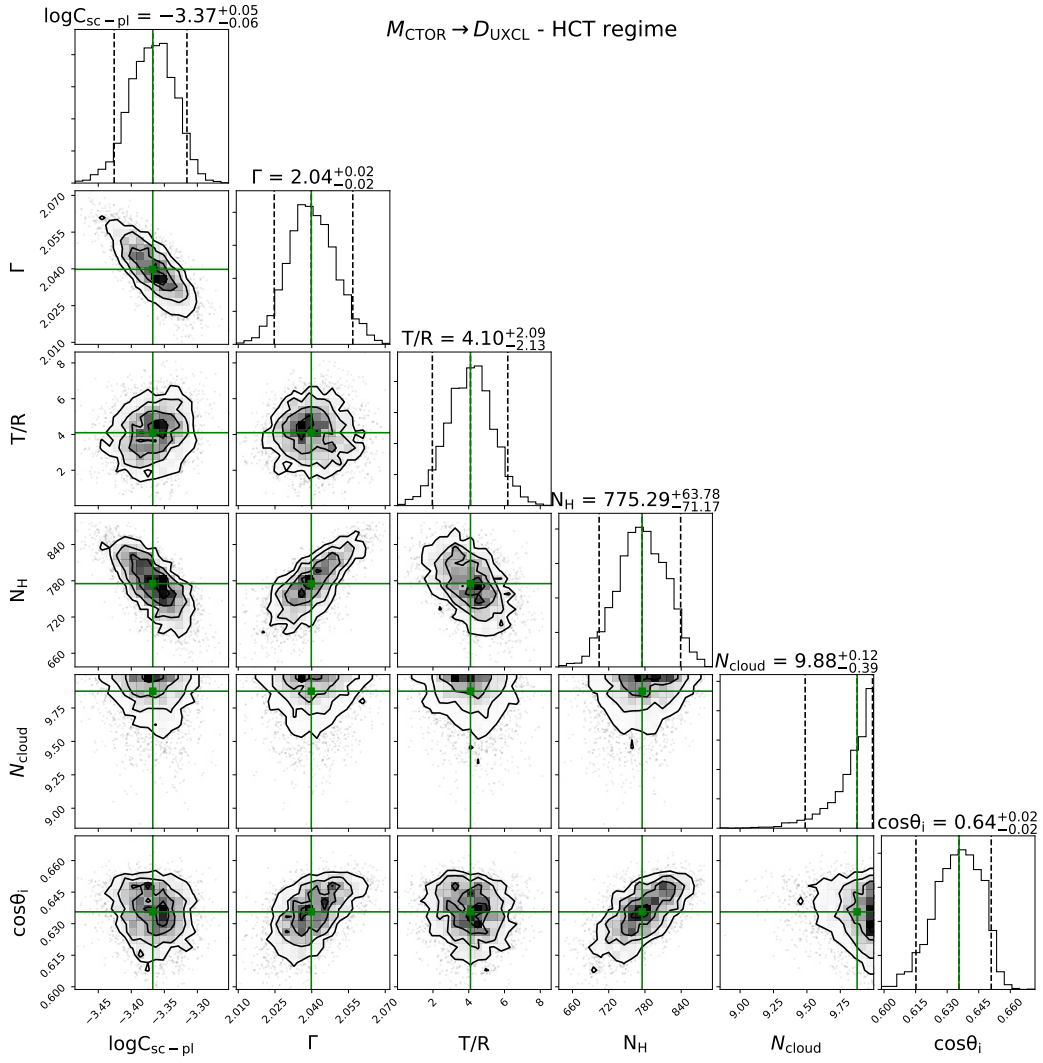

Figure 6: Contours for $M_{\rm CTOR} \rightarrow D_{\rm UXCL}$ analysis in the HCT regime, with $N_{\rm H,los} = 500$ and $C_{\rm frac} = 0$ of the inner ring as input. $\chi^2/{\rm dof} = 1.16$.

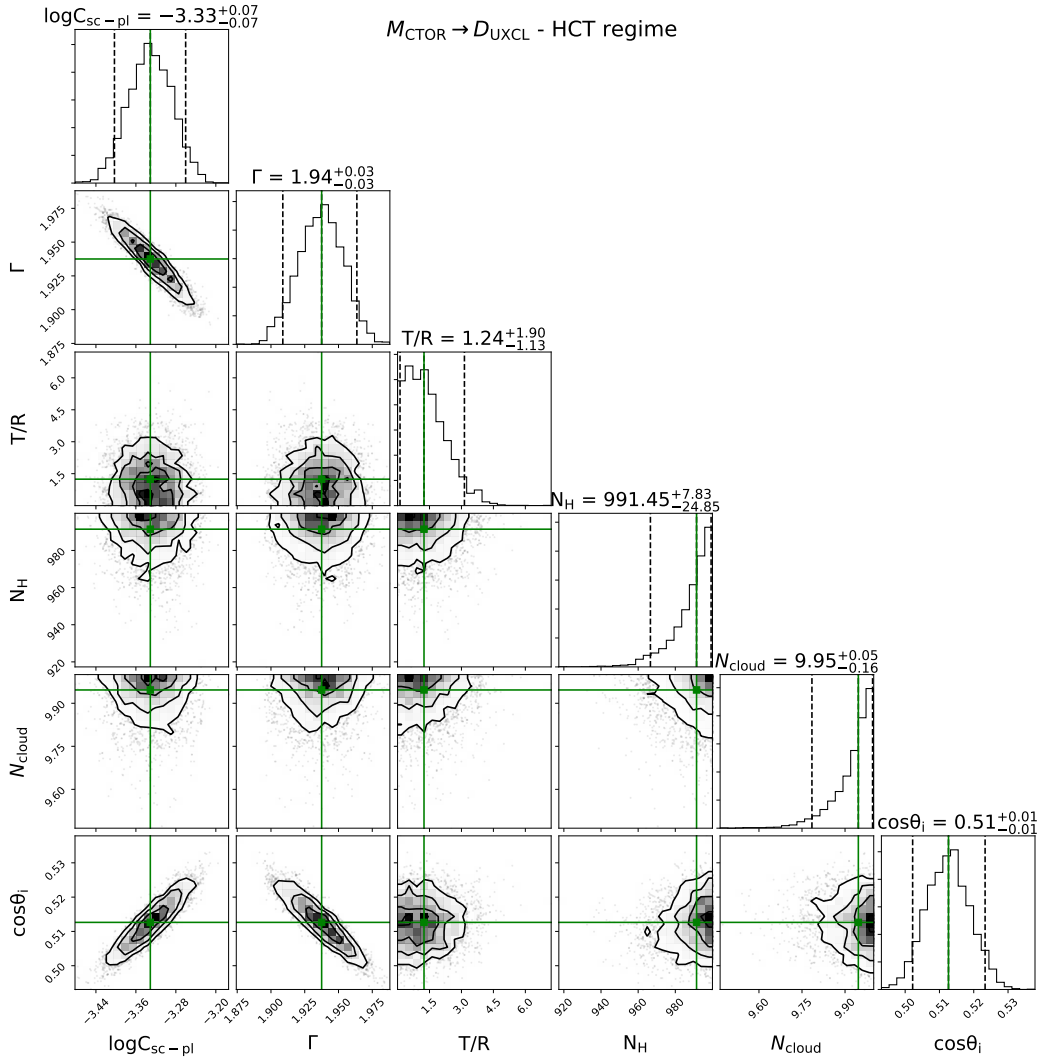

Figure 7: Contours for $M_{\rm CTOR} \rightarrow D_{\rm UXCL}$ analysis in the HCT regime, with $N_{\rm H,los} = 500$ and $C_{\rm frac} = 0.4$ of the inner ring as input. $\chi^2/{\rm dof} = 1.18$. The discrepancy is due to the distict nature of the iron line.