Example: Logistic regression to determine Critical  $S/S_{\oplus}$  $(\text{CO}_2 \text{ atmos}, M_p = 1M_{\oplus}, M_* = 1M_{\odot})$  $10^{4}$ C loss  $< 0.01 M_p$  $(S/S_{\oplus}\,)$ C loss  $> 0.01 M_p$  $10^3$  $10^2$ 

