Example: Logistic regression to determine Critical S/S_{\oplus} $(N_2 \text{ atmos (CP2024)}, M_p = 4.0 M_{\oplus}, M_* = 0.2 M_{\odot})$ 10^{4} Atm loss $< 0.01 M_n$ $(S/S_{\oplus}\,)$ Atm loss $> 0.01 M_p$ 10^3 10^2

