

$$\log[P_a D_a T_a U_o N_o] - \log U_o$$

$$\log P_a = \log P_o - 0.05$$

$$\log U_o = 0.5 [\log P_a + \log D_a]$$

$$\log D_a = \log D_o + 0.12$$

$$\log N_o = 0.5 [\log T_a + \log U_o]$$

$$\log T_a = \log T_o + 1.13$$

Adaptation: $\lambda_{RG} = 575$

$\lambda_{JB} = 525$

$$\log(T_a/U_o)$$

$$\log(P_a/U_o)$$

$$\log(U_o/U_o)$$

$$\log(D_a/U_o)$$

$$\log(N_o/U_o)$$

