

$$AdjLD_{50} = 10^{(\alpha + \beta_1 * \log(AvianLD_{50}) + \beta_2 * ratDTI)}$$

$$AdjLD_{50} = \text{Avian adjusted dermal dose}$$

$$Avian_LD_{50} = \text{Avian oral LD50}$$

$$ratDTI = \text{Mammal ratio of oral to dermal toxicity}$$