

Annotated Equation

The diagram shows the equation $\ln \left(\frac{p(\text{physical abuse})}{1 - p(\text{physical abuse})} \right) = \beta_0 + \Sigma \beta_v \text{violence}_v + \Sigma \beta_k \text{covariate}_k + u_{0j}$ with several annotations. A purple arrow points from the text 'logarithm of odds of physical abuse' to the left side of the equation. A blue arrow points from 'baseline log odds' to the β_0 term. A red arrow points from 'violence' to the $\Sigma \beta_v \text{violence}_v$ term. A blue arrow points from 'covariates' to the $\Sigma \beta_k \text{covariate}_k$ term. An orange arrow points from 'country' to the u_{0j} term.

$$\ln \left(\frac{p(\text{physical abuse})}{1 - p(\text{physical abuse})} \right) = \beta_0 + \Sigma \beta_v \text{violence}_v + \Sigma \beta_k \text{covariate}_k + u_{0j}$$

logarithm of odds of physical abuse

baseline log odds

violence

covariates

country