

Annotated Equation

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

Diagram illustrating the annotated equation for the logarithm of odds of physical abuse:

- baseline log odds** (blue arrow) points to β_0 .
- logarithm of odds of physical abuse** (purple arrow) points to the left side of the equation.
- violence** (red arrow) points to $\Sigma \beta_v \text{violence}_v$.
- covariates** (blue arrow) points to $\Sigma \beta_k \text{covariate}_k$.
- country** (orange arrow) points to u_{0j} .