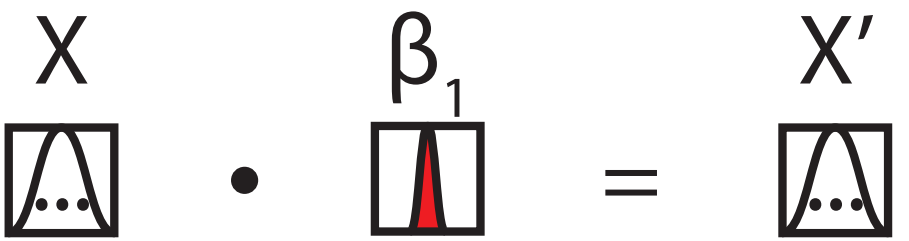
Logistic Regression



$$\text{logistic}(x) = \frac{1}{1 + e^{-x}}$$

$$Y \sim \text{Bernoulli}(p)$$