

posterior_epred() gives the draws from the expected value of the posterior predictive distribution, or the average of each draw from `posterior_predict()`.

In logistic regression, this is **π on the probability scale** (or inverse logit).

posterior_linpred(transform = TRUE) also gives the posterior draws of **π on the probability scale**.

$$y_i \sim \text{Binomial}(1, \pi_i)$$
$$\text{logit}(\pi_i) = \alpha + \beta x_i$$

$E(y_i)$

posterior_linpred() gives the posterior draws of **π on the logit or log odds scale**.

posterior_predict() gives the draws from a random binomial distribution with draws from the posterior distribution of π .

These are 0s and 1s.