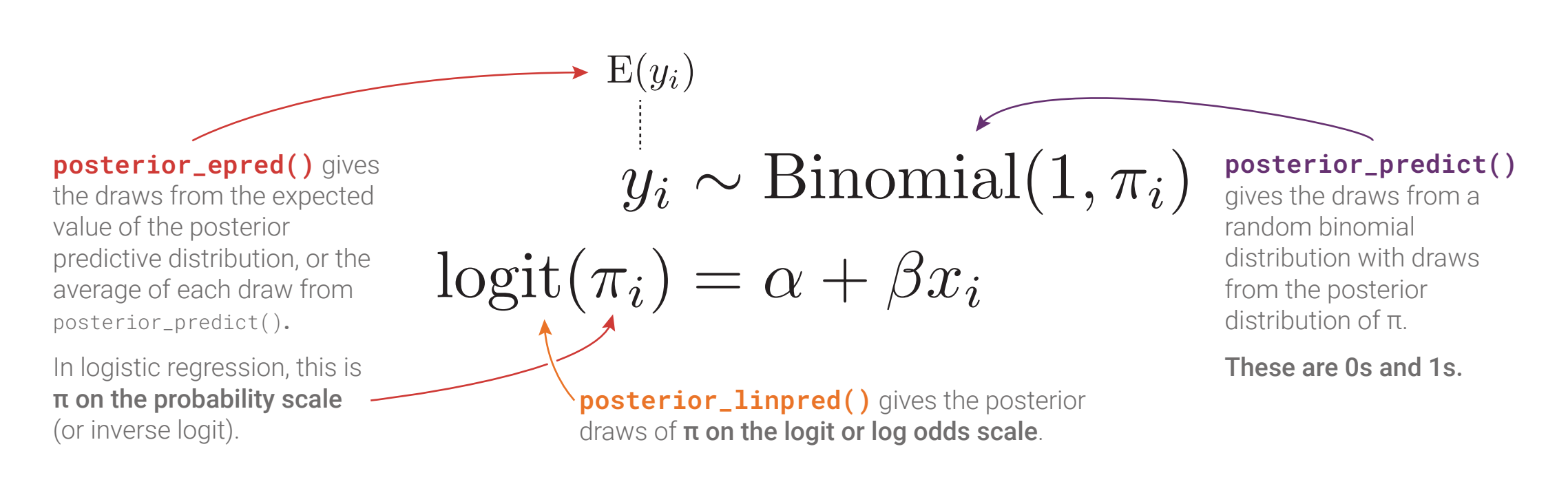
$\mathrm{E}(y_i)$
$y_i \sim \mathrm{Binomial}(1, \pi_i)$
$\mathrm{logit}(\pi_i) = \alpha + \beta x_i$
posterior_epred() gives the draws from the expected value of the posterior predictive distribution, or the average of each draw from posterior_predict().
In logistic regression, this is π on the probability scale (or inverse logit).
posterior_linpred() 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.