Reliability formula

Reliability = $\sigma^2 / (\sigma^2 + V)$
where σ^2 is the systematic variance between hospitals and V is the sampling variance of the sample estimate of a hospital's rate (both on the probability scale):

- $\sigma^2 = \sigma_L^{2}*p^{2}*(1\text{-}p)^2$, where σ_L^{2} = variance component from model output in logit scale
- $V = p*(1\text{-}p) / N$,
  where p = the overall readmission rate across all hospitals and N = the hospital's volume.