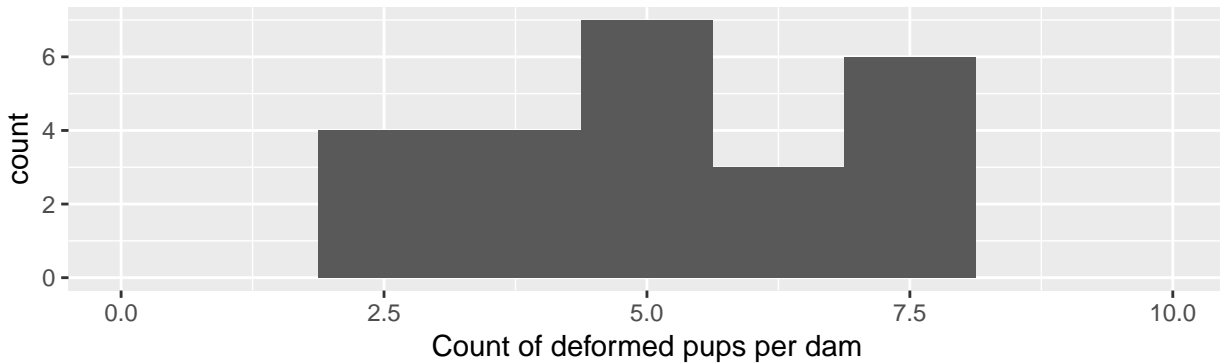


Scenario 1a: Binomial, $p = 0.5$



Scenario 1b: Binomial, $p \sim \text{Beta}(0.5, 0.5)$

