

$$\boxed{} \rightarrow P(n, n' | \theta_{\text{null}}) \rightarrow \log \rightarrow \text{sum over data} \rightarrow \text{maximize over } \theta_{\text{null}} \rightarrow \hat{\theta}_{\text{null}}$$

Poisson
 $f \rightarrow n$

NegBin Poisson
 $f \rightarrow m \rightarrow n$

