

These are the formulas that will be given on Test 1 for STAT 599. **They will be given at the bottom of the last page of the exam.**

Formulas:

$$f(y | \theta, \phi) = \exp \left[\frac{y\theta - b(\theta)}{a(\phi)} + c(y, \phi) \right]$$

$$r_p = \frac{y_i - \hat{\mu}_i}{\sqrt{\text{var}(\hat{\mu}_i)}}$$