1 Statistics 249: Categorical Data/GLM Lecture 13

More on Binomial Models. Small “$m_i$”, datasets not sampled around sample space, data sets with small $n$, large $n$.

Sometimes there is overdispersion in one’s Binomial model, where means are accurately recorded:

- Proportions $\frac{B(p_i, m_i)}{m_i}$

- Var(prop) $\sim \sigma^2 \frac{p_i(1-p_i)}{m_i}$