



$Tu_Shop \sim \text{BetaBinomial}$
 $Tu_School \sim \text{BetaBinomial}$
 $Tu_Religion \sim \text{BetaBinomial}$
 $S_Shop \sim \text{Poisson}$
 $S_School \sim \text{Poisson}$
 $S_Religion \sim \text{Poisson}$