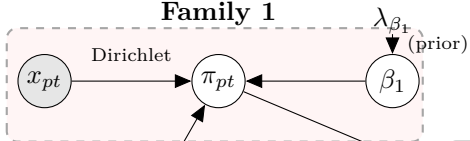
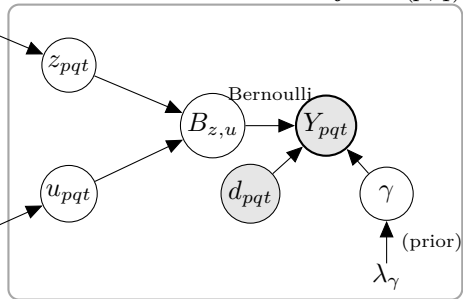


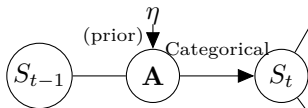
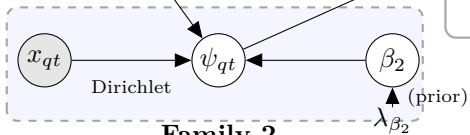
Family 1



Dyads (p, q)



Family 2



Categorical

Categorical

Bernoulli

Dirichlet

Dirichlet

λ_{β_1} (prior)

λ_{β_2} (prior)

λ_γ (prior)