m_0: $ActEffort \sim GammaPoisson(\lambda, \phi)$
$\log(\lambda) \sim \alpha$
$\phi \sim Exponential(1)$
$\alpha \sim Normal(0,2)$

m_1: $ActEffort_i \sim GammaPoisson(\lambda_i, \phi)$
$\log(\lambda_i) \sim \alpha_{Cplx} \times Cplx_i$
$\phi \sim Exponential(1)$
$\alpha_{Cplx} \sim Normal(0,3)$

m_2: $ActEffort_i \sim GammaPoisson(\lambda_i, \phi)$
$\log(\lambda_i) \sim \alpha_{Acap} \times Acap_i$
$\phi \sim Exponential(1)$
$\alpha_{Acap} \sim Normal(0,3)$

m_3: $ActEffort_i \sim GammaPoisson(\lambda_i, \phi)$
$\log(\lambda_i) \sim \alpha_{Pcap} \times Pcap_i$
$\phi \sim Exponential(1)$
$\alpha_{Pcap} \sim Normal(0,3)$