Figure 2 λ State-space Poisson regression N_{tot} Imm^{sex} fs Cormack-Jolly-Seber N_{SY} N_{Imm}^{sex} hs $\varphi_{\text{Ad}}^{\text{sex}}$ $N_{\mathsf{ASY}}^{\mathsf{sex}}$ p_{age}^{sex} cs φ_J^{sex} Population Count Data Productivity Capture-Recapture Data Data