Figure 2 State-space Poisson regression  $N_{\text{tot}}$ Imm<sup>sex</sup> fs Cormack-Jolly-Seber N<sub>SY</sub> N<sub>Imm</sub> hs  $\varphi_{\text{Ad}}^{\textit{sex}}$ N<sub>ASY</sub>  $p_{age}^{sex}$ CS  $\varphi_J^{\text{sex}}$ Population Count Data Productivity Capture-Recapture Data Data