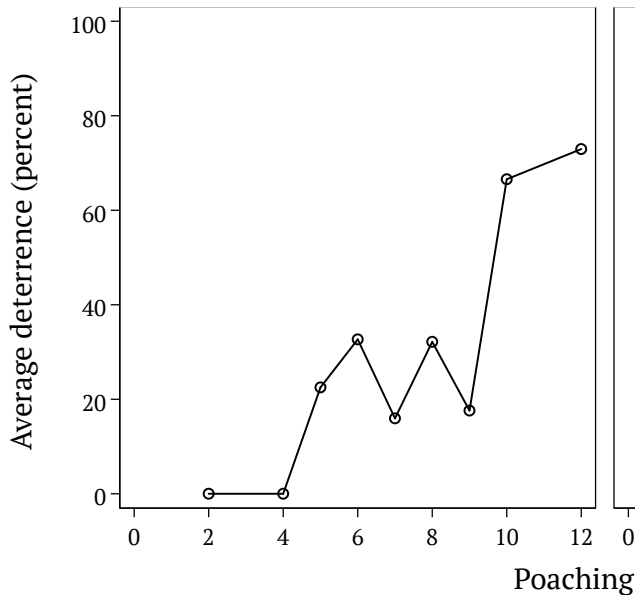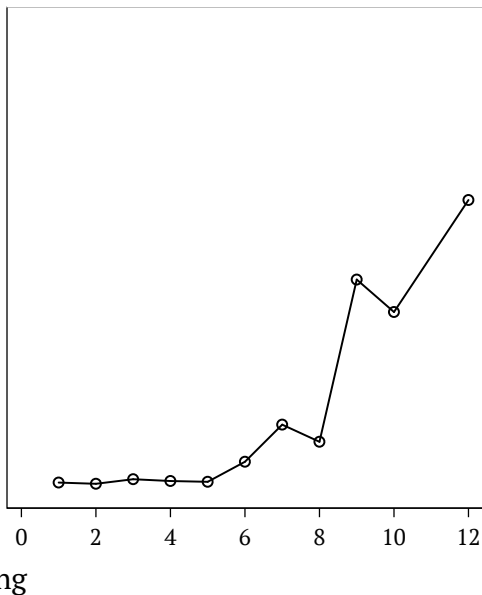Deterrence is calculated as the percent of an outsider's direct payoffs from poaching reduced to zero:

$$(\pi_{i,harvest} - (\pi_{i,final} - \pi_{i,private} - \pi_{transfer})) / \pi_{i,harvest}$$