



S4 Figure. Mean basic reproductive number (R_0) estimates.

Mean R_0 estimates from 10,000 simulations of Newcastle disease transmissions for homogenous (model 1) and age-structure (model 2) populations of white-winged parakeets with no additional harvest ($hI=0$ blue) and three additional uncompensated harvest rates ($hI=2\%$ orange, $hI=5\%$ black, and $hI=10\%$ red) and for three life expectancies (D_d = two, five, and nine years).