S3 Figure. Comparison of the effect of a fixed and uncertain initial population size on R_0 for Newcastle disease in a homogeneous (model 1) and age-structured (model 2) population of white-winged parakeets. Black dots show the mean R_0 while the bars indicate the associated confidence intervals (based on 5th and 95th percentiles). The initial population size was either fixed (N(0)=200) or uncertain (N(0)=LN where LN=Lognormal (189, 1.4)), while additional harvest was either absent (h1=0) or 10% (h1=10). For each scenario, results were based on 10,000 simulations.