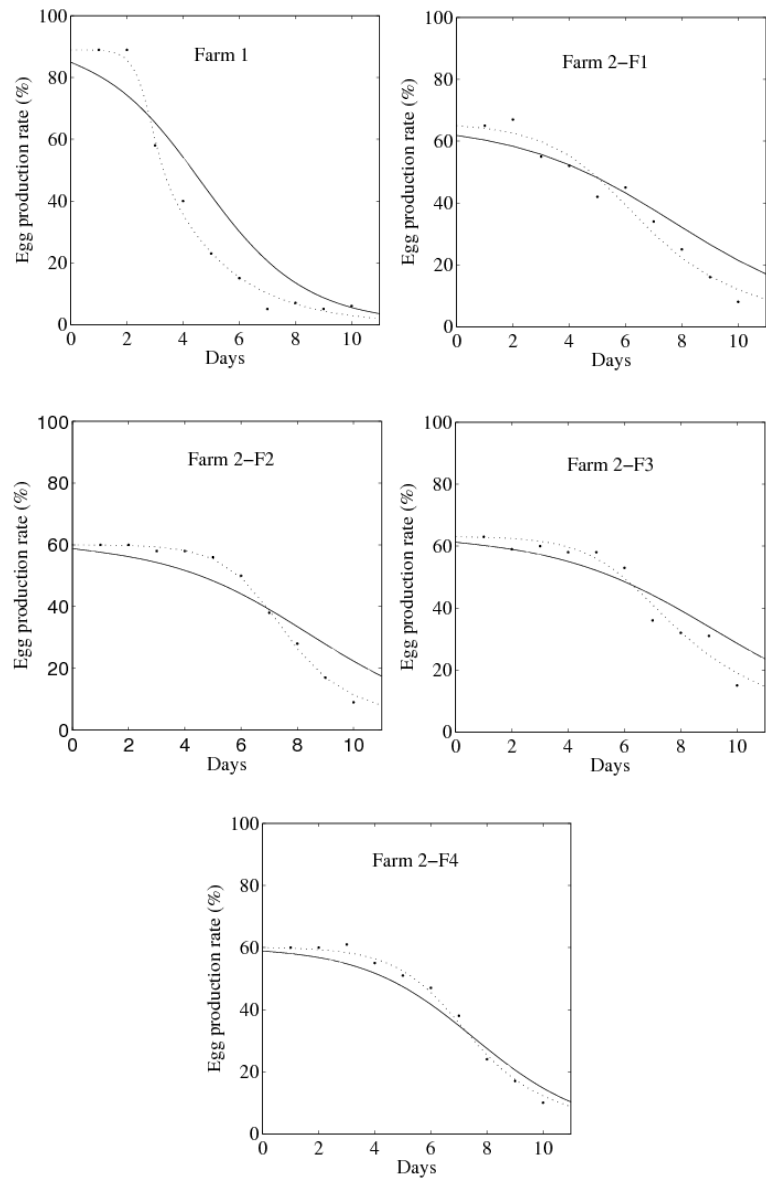


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**Figure S4. Egg production rate predicted by the model with direct transmission (solid line), the model with mosquito-borne transmission (dashed line) along with the data (dots). Egg production rate as expressed in % (y-axis) represents the percentage of ducks that produce eggs out of the total ducks in the flock on day  $n$ . See table S1 for estimated parameters with direct transmission and for a comparison of the goodness of fit.**