

**SEPARATING MORTALITY AND EMIGRATION: MODELLING SPACE USE,
DISPERSAL AND SURVIVAL WITH ROBUST-DESIGN SPATIAL-CAPTURE-
RECAPTURE DATA**

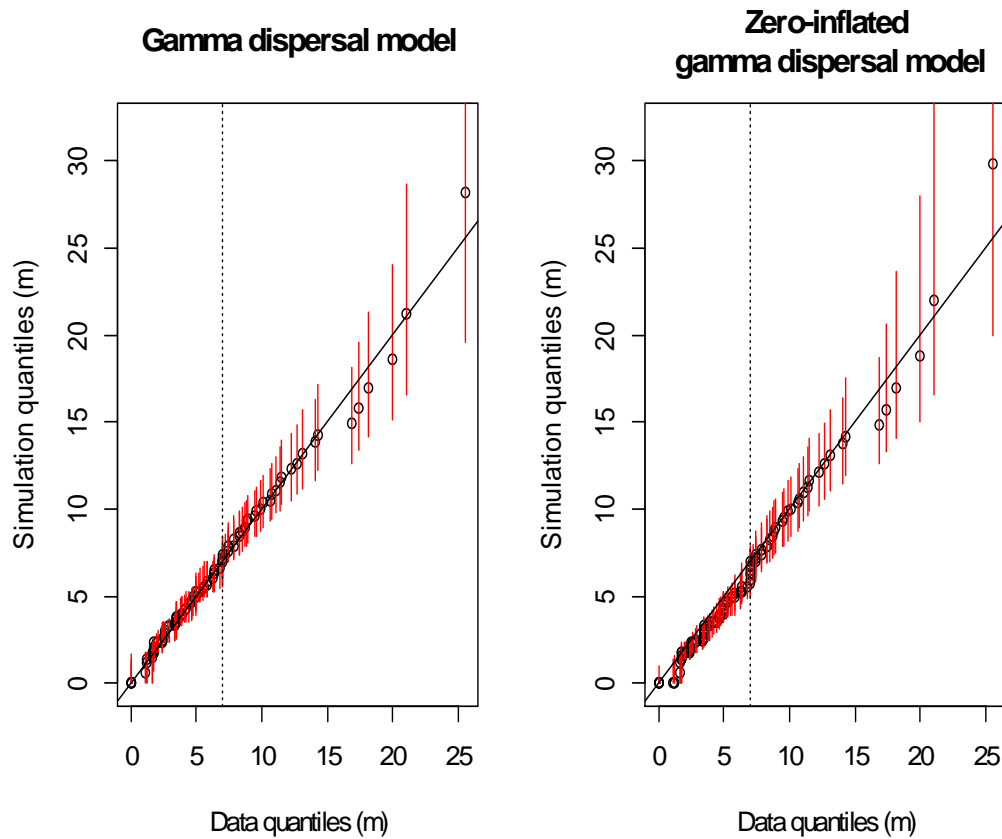
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1 **Supplementary Figure S2: Goodness-of-fit plot for dispersal distance**



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3 Figure S2. QQ-plots of changes in mean capture location between primary sampling periods, showing the
4 quantiles in the observed data (x-axis) and the simulated posterior predictive quantiles (y-axis). Quantiles
5 were calculated for every 1% unit between 1% and 100%. Red bars show the 95% HPD intervals for each
6 quantile. Dotted line at 7 meters indicates the distance between traps. Diagonal line is the 1-to-1
7 relationship.