Table S3: Comparison of AICs of logistic regression models with MFAI as predictor variable in varying time lags

Formula: glm(pDenA~MFAI, family=binomial)

Model	AIC	P-value
MFAI	146.7	<0.001
$MFAI_{t-1}$	147.1	<0.001
$MFAI_{t-2}$	145.7	<0.001
$MFAI_{t-3}$	137.9	<0.001
$MFAI_{t-4}$	141.4	<0.001

Abbreviations: pDenA- presence of dengue case, MFAI - mean female Aedes Index