

# Simulating Meth Production Networks

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# A SIMPLE LIST OF POINTS

- ▶ The Problem With Networks,
- ▶ two,
- ▶ see

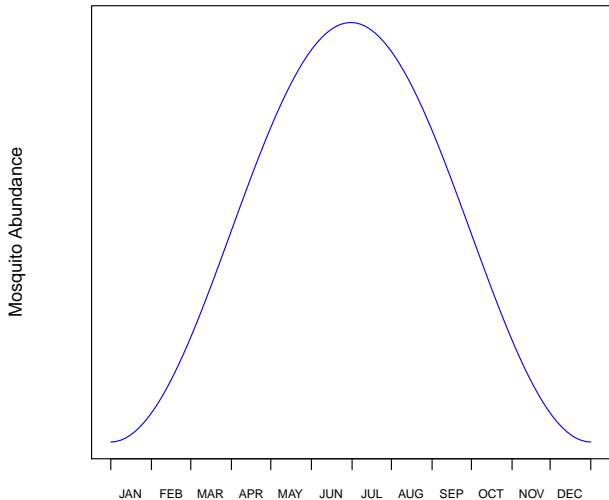
# NETWORKS ARE NOT<sup>1</sup> THE PHENOMENA

- ▶ The Problem With Networks,
- ▶ two,
- ▶ see

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<sup>1</sup>some physical systems aside

# INSERTING AN R-GENERATED FIGURE



# INSERT ANOTHER PDF

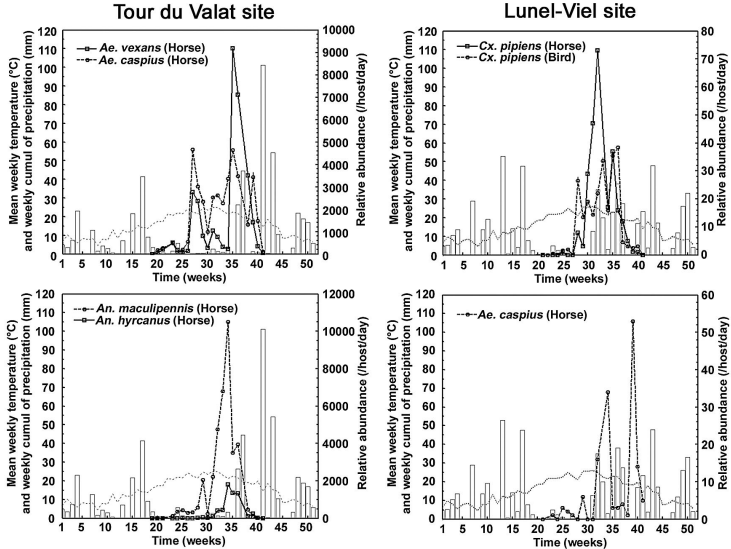


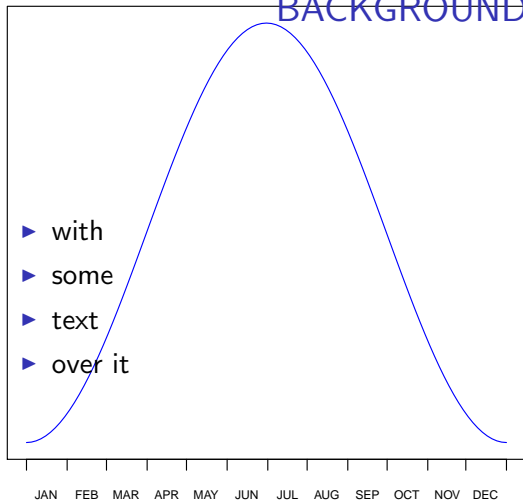
Figure: Bicout et al. J. Med. Entomol. 43(5): 936-946 (2006)

# SHOW SOME MATH

$$M(t) = C \sin(\omega t + \theta)$$

# USE PREVIOUSLY GENERATING THING AS BACKGROUND

Mosquito Abundance





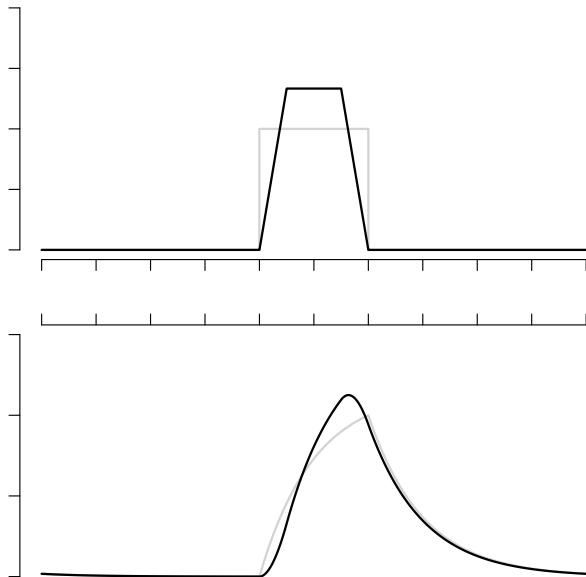
## SEVERAL EQUATIONS

$$E(t) = \begin{cases} \frac{M_+}{\Delta t} & t \in \Delta t \\ 0 & \text{otherwise} \end{cases} \quad (\text{Step})$$

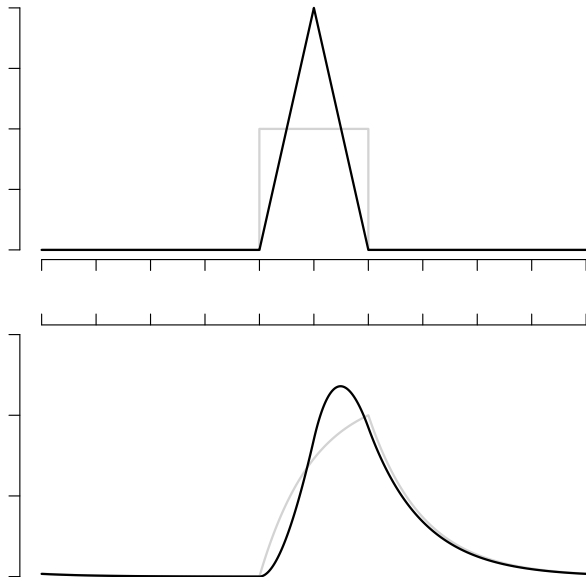
$$E(\rho, t) = \begin{cases} \frac{2M_+}{\Delta t(2-\rho)} & t \in \Delta t(1-\rho) \\ \frac{2M_+}{\Delta t(2-\rho)\rho} \left(1 - \frac{2|t|}{\Delta t}\right) & t \in \rho\Delta t \\ 0 & \text{otherwise} \end{cases} \quad (\text{Modified Step})$$

$$E(t) = \frac{2M_+}{\Delta t} \sqrt{\frac{2}{\pi}} e^{-\frac{8t^2}{\Delta t^2}} \quad (\text{Approximate } \delta)$$

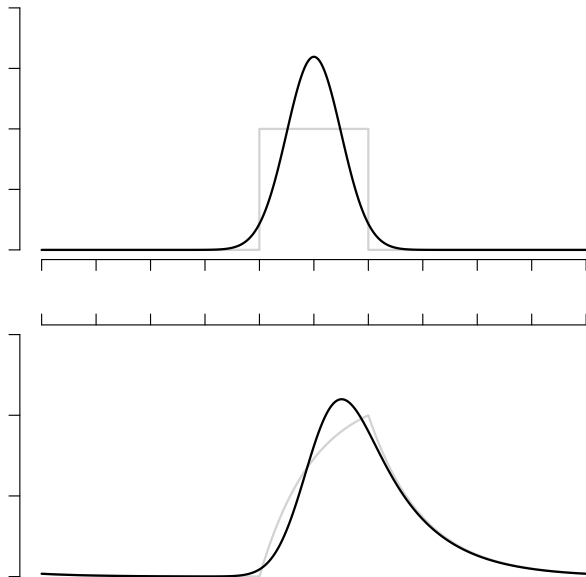
# Modified Step (Trapezoid)



# Modified Step (Triangle)

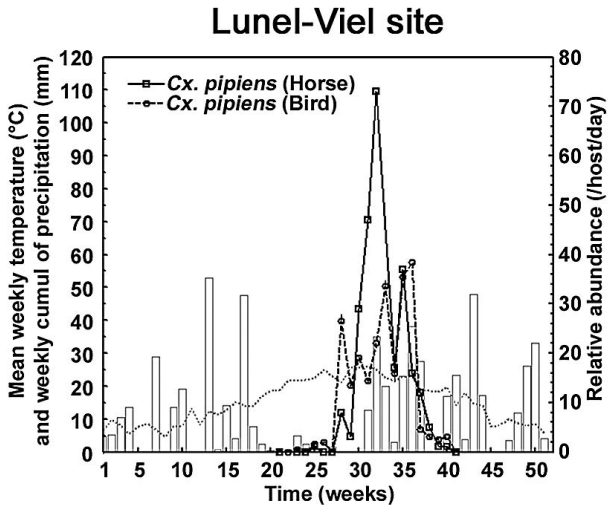


Approx.  $\delta$



# USING COLUMNS EXAMPLE

TEXT LEFT, FIG  
RIGHT[1]



# BIBLIOGRAPHY EXAMPLE (CITE ON PREV SLIDE)



Carl A B Pearson.

Reference title.

In *Book Title*, pages 1–1000. Springer, 1999.