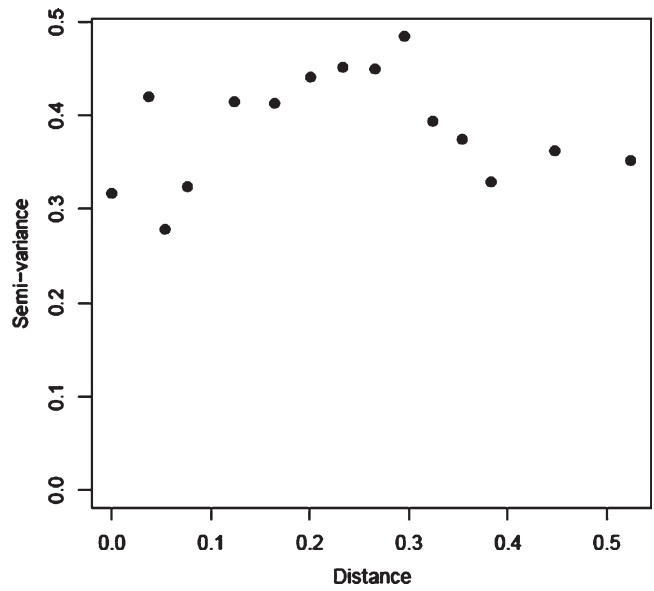
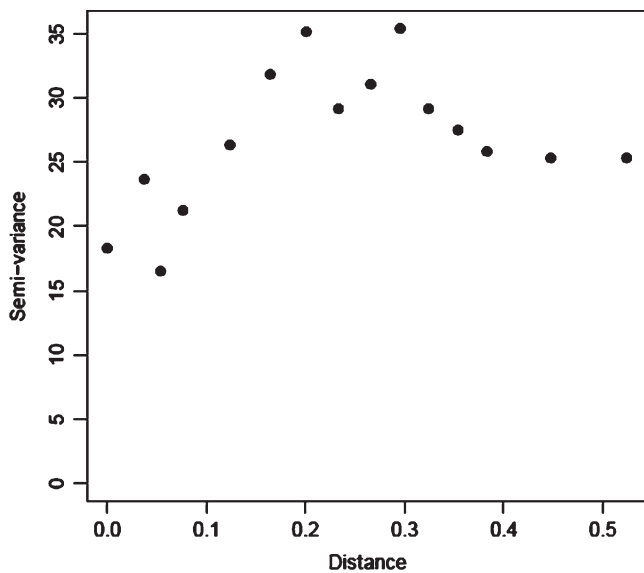


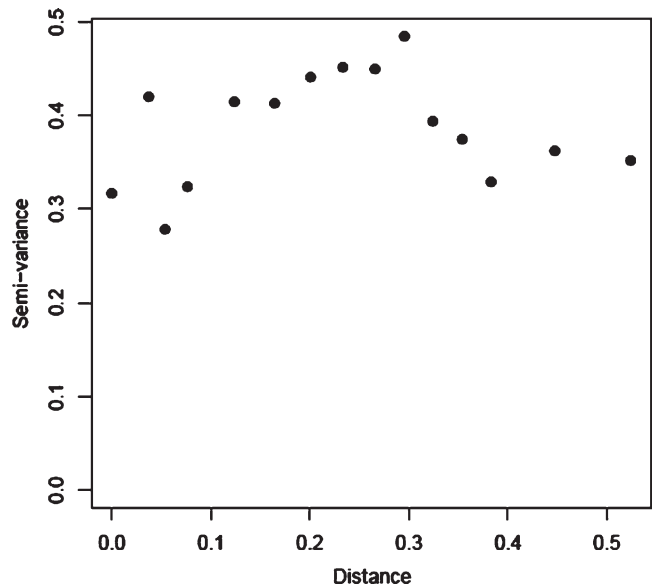
SUPPLEMENTAL FIGURE 1. Containers  $\geq 40$  L-Y = container positive for larvae, X = positive neighbor container in 0-10 m radius interval; 0-10 m—without spatial random effects correction.



SUPPLEMENTAL FIGURE 2. The 0-10 m—with spatial random effects correction—note the greater consistency in semi-variance across distances.



SUPPLEMENTAL FIGURE 3. Containers  $< 40$  L-Y = Container positive for larvae, X = Positive neighbor container in 0-10 m radius interval. The -10 m—without spatial random effects correction.



SUPPLEMENTAL FIGURE 4. The 0-10 m—with spatial random effects correction—note the greater consistency in semi-variance across distances.

SUPPLEMENTAL TABLE 4A

Greater than 40 L—this table includes all of the covariates in the Table 4 models concerning the association between positive containers  $\geq$  40 L in neighboring households and the odds of a target container being positive for *Aedes aegypti* juveniles\*

Covariate	0–10 m	10–20 m	20–30 m	30–40 m
Pos. neighbor container in radius interval	8.59 (2.60, 28.35)	5.73 (1.54, 21.26)	0.72 (0.18, 2.93)	3.40 (1.47, 7.85)
Temephos	0.27 (0.05, 1.36)	0.26 (0.05, 1.40)	0.25 (0.05, 1.38)	0.23 (0.04, 1.29)
Chlorine	2.75 (1.00, 7.60)	3.58 (1.27, 10.09)	4.09 (1.40, 11.97)	3.76 (1.35, 10.53)
Container topped/capped	0.73 (0.28, 1.87)	0.79 (0.30, 2.08)	0.75 (0.28, 1.98)	0.67 (0.25, 1.79)
No. of persons living in the house	1.01 (0.84, 1.22)	1.05 (0.86, 1.29)	1.03 (0.83, 1.27)	0.99 (0.81, 1.20)
Container rainwater-fed	2.61 (1.00, 6.83)	2.68 (1.00, 7.18)	3.27 (1.19, 9.03)	3.24 (1.20, 8.74)
Container indoors	0.63 (0.24, 1.67)	0.64 (0.24, 1.71)	0.74 (0.28, 2.01)	0.81 (0.31, 2.12)
Container $\geq$ 40 L	5.38 (2.40, 12.07)	5.48 (2.42, 12.42)	5.75 (2.51, 13.17)	5.45 (2.42, 12.26)
No. of containers in household	0.97 (0.89, 1.05)	0.97 (0.89, 1.06)	0.97 (0.89, 1.06)	0.98 (0.91, 1.06)

\*Bolded and italicized values are statistically significant at the  $\alpha = 0.05$  level.

SUPPLEMENTAL TABLE 4B

Less than 40 L—this table includes all of the covariates in the Table 4 models concerning the association between positive containers  $>$  40 L in neighboring households and the odds of a target container being positive for *Aedes aegypti* juveniles\*

Covariate	0–10 m	10–20 m	20–30 m
Pos. neighbor container in radius interval	<b>3.37 (1.57, 7.26)</b>	1.55 (0.72, 3.37)	1.28 (0.38, 4.35)
Temephos	0.28 (0.05, 1.47)	0.27 (0.05, 1.48)	0.25 (0.04, 1.36)
Chlorine	<b>3.40 (1.21, 9.59)</b>	<b>3.81 (1.31, 11.14)</b>	<b>3.93 (1.35, 11.47)</b>
Container topped/capped	0.72 (0.27, 1.88)	0.70 (0.26, 1.89)	0.72 (0.27, 1.94)
No. of persons living in the house	1.02 (0.84, 1.25)	1.02 (0.83, 1.26)	1.02 (0.83, 1.25)
Container rainwater-fed	<b>2.93 (1.10, 7.82)</b>	<b>3.04 (1.10, 8.41)</b>	<b>3.20 (1.16, 8.78)</b>
Container indoors	0.71 (0.27, 1.90)	0.71 (0.26, 1.94)	0.74 (0.27, 1.99)
Container $\geq$ 40 L	<b>5.64 (2.49, 12.77)</b>	<b>5.48 (2.39, 12.53)</b>	<b>5.64 (2.46, 12.90)</b>
Number of containers in household	0.98 (0.90, 1.06)	0.98 (0.90, 1.07)	0.98 (0.90, 1.07)

\*Bolded and italicized values are statistically significant at the  $\alpha = 0.05$  level.

SUPPLEMENTAL TABLE 5A

Greater than 40 L—this table includes all of the covariates in the Table 5 models concerning the association between positive containers  $\geq$  40 L in neighboring households and the odds of a target container being positive for *Aedes aegypti* pupae\*

Covariate	0–10 m	10–20 m	20–30 m	30–40 m
Pos. neighbor container in radius interval	<b>5.00 (1.90, 13.16)</b>	<b>3.46 (1.17, 10.19)</b>	0.61 (0.11, 3.57)	2.00 (0.74, 5.38)
Temephos	0.15 (0.02, 1.38)	0.16 (0.01, 1.77)	0.17 (0.01, 2.25)	0.16 (0.01, 2.19)
Chlorine	2.15 (0.80, 5.79)	2.54 (0.90, 7.19)	3.07 (0.96, 9.84)	3.02 (0.95, 9.58)
Container topped/capped	0.50 (0.17, 1.49)	0.56 (0.17, 1.77)	0.55 (0.16, 1.94)	0.52 (0.15, 1.84)
No. of persons living in the house	0.90 (0.75, 1.08)	0.93 (0.76, 1.14)	0.90 (0.72, 1.13)	0.88 (0.70, 1.10)
Container rainwater-fed	1.07 (0.34, 3.34)	0.95 (0.27, 3.30)	1.34 (0.35, 5.13)	1.29 (0.34, 4.91)
Container indoors	0.79 (0.29, 2.18)	0.78 (0.27, 2.32)	0.95 (0.29, 3.11)	0.94 (0.29, 3.02)
Container $\geq$ 40 L	<b>5.73 (2.22, 14.78)</b>	<b>5.78 (2.10, 15.90)</b>	<b>5.83 (1.99, 17.15)</b>	<b>5.49 (1.87, 16.08)</b>
No. of containers in household	0.97 (0.90, 1.05)	0.97 (0.89, 1.06)	0.97 (0.88, 1.07)	0.98 (0.90, 1.07)

\*Bolded and italicized values are statistically significant at the  $\alpha = 0.05$ .

SUPPLEMENTAL TABLE 5B

Less than 40 L—this table includes all of the covariates in the Table 5 models concerning the association between positive containers  $>$  40 L in neighboring households and the odds of a target container being positive for *Aedes aegypti* pupae\*

Covariate	0–10 m	10–20 m	20–30 m
Pos. neighbor container in radius interval	<b>2.16 (1.01, 4.63)</b>	1.70 (0.90, 3.23)	0.89 (0.14, 5.65)
Temephos	0.18 (0.01, 2.26)	0.18 (0.01, 2.40)	0.16 (0.01, 2.21)
Chlorine	2.68 (0.85, 8.45)	2.76 (0.87, 8.73)	2.98 (0.94, 9.40)
Container topped/capped	0.52 (0.15, 1.81)	0.47 (0.13, 1.71)	0.55 (0.15, 1.93)
No. of persons living in the house	0.90 (0.72, 1.11)	0.89 (0.72, 1.12)	0.90 (0.72, 1.12)
Container rainwater-fed	1.20 (0.32, 4.48)	1.15 (0.30, 4.40)	1.28 (0.34, 4.84)
Container indoors	0.87 (0.27, 2.79)	0.86 (0.26, 2.82)	0.92 (0.29, 2.98)
Container $\geq$ 40 L	<b>5.83 (2.03, 16.7)</b>	<b>5.47 (1.88, 15.92)</b>	<b>5.76 (1.96, 16.88)</b>
No. of containers in household	0.98 (0.90, 1.07)	0.98 (0.89, 1.07)	0.97 (0.89, 1.07)

\*Bolded and italicized values are statistically significant at the  $\alpha = 0.05$ .