

Figure labels

It's hard to get R to make complicated axis and tick labels, so I did this manually by adding this LaTeX-produced text to the figures using Inkscape software.

% simulation runs ending in extinction
Mean number of generations until extinction
Parameter value
Gene drive in males
(p_{conv})
Predictor variable
Absolute effect size (\pm 95% CIs)

Gene drive in females (p_{shred})
Gene drive in males (p_{conv})
Rate of NHEJ (p_{nhej})
 Z -linked resistance (μ_Z)
 W -linked resistance (μ_W)
Cost of Z^* to females (c_f)
Cost of Z^* to males (c_m)
Male dispersal frequency
Female dispersal frequency (x_f)
Male dispersal frequency (x_m)
Dispersal type
Number of patches (k)
Importance of local density (ψ)
Male effect on density (δ)
Shape of density dependence (α)
Maximum fecundity (r)
Initial freq. allele A
Initial freq. allele B
Release strategy
Release size (number of Z^*Z^* males)
Density
Number of generations until extinction
Male drive, not costly
Male drive, costly
No male drive, not costly
No male drive, costly

A. Z^* invades and causes extinction
B. Z^* invades but fails to cause extinction
C. Resistance to Z^* prevents extinction
Generation
Proportion
Alleles Demographics
 A B Females Pop. size Z^r