# Ricker Steps
# $R = \alpha P e^{-\beta P}$

- Regress ln(R/P) on P, run regression
- Estimate α from intercept and β from abs value of slope
- Using appropriate range, plot solutions for curve using α and β (above)
- MSY from formula, (1- β P) αe- β P = 1

# Beverton Holt Steps

$$R = 1/\{\alpha + (\beta / P)\}$$

- Regress 1/R on 1/P, run regression
- Estimate $\alpha$ as intercept and $\beta$ as slope
- Fit curve by transforming data with inverse of parents and recruits for each stock
- MSY = $\dfrac{(1\text{-sqr rt } \beta)^2}{\alpha}$