

$$C_{y+1} = C_{Current} r f b$$

where $C_{Current}$ is the catch either in the most recent year available (typically $y - 1$) or the average over a number of recent years (e.g. $y - 3, y - 2, y - 1$)

r should account for the trend in stock biomass ($r > 0$; with $r = 1$ if there is no trend),

f is a proxy for the ratio $F_{MSY}/(\text{current exploitation})$

$b = \min/1$, proxy for the ratio $(\text{current stock size})/(MSY Btrigger)/$