

Nonlinear models

Assessment workshop

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Hafro, 16–24 Jan 2012

Outline

1 Growth

2 Recruitment

von Bertalanffy growth

$$\hat{L}_a = L_{\infty} \left(1 - e^{-K(a-t_0)} \right)$$

Beverton-Holt recruitment

$$\hat{R} = \frac{S}{a + bS}$$