

Kautz and Van Dyne (1978) :

$$\ln (w_i) = \ln \left(\frac{O_i + 0,1}{P_i + 0,1} \right)$$

Where:

$$O_i = o_i / \Sigma o_i$$

o_i = Consume of the species "i", in absolute terms.

$$P_i = p_i / \Sigma p_i$$

p_i = Availability of the species "i" in the environment, in absolute terms.