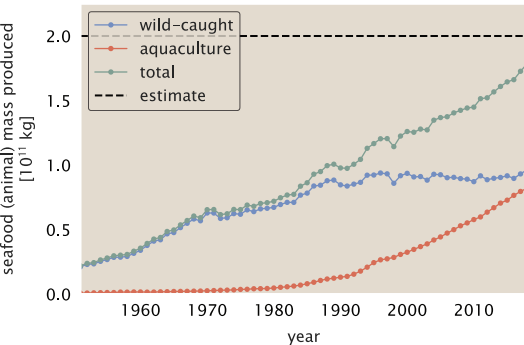


(A) SEAFOOD MASS ESTIMATE



$$\begin{aligned} \text{seafood mass, } m_{\text{seafood}}^{(\text{diet})} &\approx \frac{f \times 10^{-1} \text{ kg}}{\text{person} \times \text{week}} \times \frac{52 \text{ weeks}}{1 \text{ year}} \\ &\approx f \times 10 \text{ kg} / (\text{person} \times \text{year}) \\ \text{global seafood mass, } m_{\text{seafood}} &\approx \frac{f \times 10 \text{ kg}}{\text{person} \times \text{year}} \times 8 \times 10^9 \text{ people} \\ &\approx f \times 10^{11} \text{ kg} / \text{year} \end{aligned}$$



(B) AQUACULTURE STOCK POPULATION

cultured carp



$$m_{\text{carp}} \approx f \text{ kg}$$

cultured molluscs



$$m_{\text{shelled}} \approx f \times 10^{-2} \text{ kg}$$

cultured shrimp



$$m_{\text{shrimp}} \approx f \times 10^{-2} \text{ kg}$$

