## Natural Products

$x_{np}$ is the status of the natural products goal

$$x_{np} = \left(\frac{1}{N}\right) \sum_{c=1}^{N} P_c \times w_c$$

$P_c = H_c \times S_c$

$S_c = 1 - \text{average}(E_c + R_c)$

$S_c$ is the sustainability of the commodity $c$

$E_c$ is ln-transformed harvest intensity: tonnes harvested per $\text{km}^2$ of coral and/or rocky reef, relative to global max

$R_c$ risk term based on whether commodity has unsustainable harvest practice, per listings in CITES appendices II and III

$P_c$ is the status of natural product category $c$

$H_c$ is the harvest level for a category relative to its own (buffered) peak reference point

$w_c$ ratio of max USD value for product across all years, relative to sum of max values for all products harvested in the country

$N$ the number of product categories $c$ harvested