

$$\frac{\sum_{i=1}^n \left(R_{ai} \times HI_{ai} \right)}{\sum_{i=1}^n HI_{ai}} \leq \frac{\sum_{i=1}^n \left(R_{li} \times HI_{ai} \right)}{\sum_{i=1}^n HI_{ai}} \quad (\text{Equation 2})$$