

$$I_{Arefminj} = \min \left[\frac{\sum_{k=1}^l C_{Ajk} \cdot GES_{A2007jk}}{\sum_{k=1}^l P_{2007jk}}; \frac{\sum_{k=1}^l C_{Ajk} \cdot GES_{A2008jk}}{\sum_{k=1}^l P_{2008jk}}; \frac{\sum_{k=1}^l C_{Ajk} \cdot GES_{A2009jk}}{\sum_{k=1}^l P_{2009jk}}; \frac{\sum_{k=1}^l C_{Ajk} \cdot GES_{A2010jk}}{\sum_{k=1}^l P_{2010jk}} \right]$$