

$$I_{Amin(s)j} = \min \left[\frac{\sum_{k=1}^l GES A_{2007\ jk}}{\sum_{k=1}^l P_{2007\ jk}}; \frac{\sum_{k=1}^l GES A_{2008\ jk}}{\sum_{k=1}^l P_{2008\ jk}}; \frac{\sum_{k=1}^l GES A_{2009\ jk}}{\sum_{k=1}^l P_{2009\ jk}}; \frac{\sum_{k=1}^l GES A_{2010\ jk}}{\sum_{k=1}^l P_{2010\ jk}} \right]$$