**1. Infrastructure(0),** **Degree of Management Intelligence(1), Service Intelligence Degree(3)**

| **Best Position** | **Worst Position** | **BO Values** | **OW Values** | **Weight 1** | **Weight 2** | **Weight 3** | **ξ Value** |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 0 | 1 | [2, 1] | [2, 1] | 0.416667 | 0.25 | 0.333333 | 0.083333 |
| 0 | 1 | [1, 2] | [1, 2] | 0.4375 | 0.25 | 0.3125 | 0.1875 |
| 0 | 1 | [1, 2] | [2, 2] | 0.4375 | 0.25 | 0.3125 | 0.1875 |
| 0 | 1 | [2, 2] | [1, 2] | 0.4375 | 0.25 | 0.3125 | 0.1875 |
| 0 | 1 | [2, 1] | [1, 1] | 0.375 | 0.25 | 0.375 | 0.125 |
| 2 | 1 | [1, 1] | [1, 2] | 0.375 | 0.25 | 0.375 | 0.125 |
| 2 | 1 | [1, 1] | [3, 2] | 0.466667 | 0.2 | 0.333333 | 0.133333 |
|  |  |  |  |  |  |  |  |

**2. Communication network(0), Intelligent Sensing Devices(1), Internet of Things Devices(2)**

| **Best Position** |  | **Worst Position** | **BO Values** | **OW Values** | **Weight 1** | **Weight 2** | **Weight 3** | **ξ Value** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 1 |  | 0 | [4, 2] | [1, 1] | 0.181818 | 0.454545 | 0.363636 | 0.272727 |
| 1 |  | 0 | [4, 2] | [1, 2] | 0.181818 | 0.454545 | 0.363636 | 0.272727 |
| 1 |  | 0 | [4, 2] | [1, 3] | 0.181818 | 0.454545 | 0.363636 | 0.272727 |
| 1 |  | 0 | [1, 2] | [4, 1] | 0.181818 | 0.454545 | 0.363636 | 0.272727 |
| 1 |  | 0 | [1, 2] | [4, 2] | 0.181818 | 0.454545 | 0.363636 | 0.272727 |
| 1 |  | 0 | [1, 2] | [4, 3] | 0.181818 | 0.454545 | 0.363636 | 0.272727 |
| 1 |  | 0 | [2, 2] | [1, 4] | 0.166667 | 0.458333 | 0.375 | 0.291667 |
| 2 |  | 0 | [2, 1] | [3, 3] | 0.153846 | 0.461538 | 0.384615 | 0.076923 |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |

**3.Smart Emergency Management(0), Intelligent Security Management(1)**

| **Weight 0** | **Weight 1** |
| --- | --- |
| 0.4 | 0.6 |
| 0.4 | 0.6 |
| 0.4 | 0.6 |
| 0.45 | 0.55 |
| 0.54 | 0.46 |
| 0.35 | 0.65 |
| 0.55 | 0.45 |

**4. Government & Utilities Services (0), Business Services(1), Cultural and Sports Services(2), Vulnerable Groups and Medical Services(3)**

| **Best Position** | **Worst Position** | **BO Values** | **OW Values** | **Weight 1** | **Weight 2** | **Weight 3** | **Weight 4** | **ξ Value** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 3 | 1 | [1, 2, 2] | [1, 1, 2] | 0.266667 | 0.2 | 0.2 | 0.333333 | 0.066667 |
| 3 | 1 | [1, 1, 2] | [1, 1, 2] | 0.3 | 0.2 | 0.2 | 0.3 | 0.1 |
| 3 | 1 | [1, 2, 2] | [1, 1, 1] | 0.3 | 0.2 | 0.2 | 0.3 | 0.1 |
| 3 | 1 | [2, 1, 3] | [1, 2, 1] | 0.272727 | 0.181818 | 0.181818 | 0.363636 | 0.181818 |
| 3 | 1 | [2, 1, 3] | [1, 2, 2] | 0.272727 | 0.181818 | 0.181818 | 0.363636 | 0.181818 |
| 3 | 1 | [2, 1, 3] | [1, 2, 3] | 0.272727 | 0.181818 | 0.181818 | 0.363636 | 0.181818 |
| 3 | 1 | [1, 1, 2] | [1, 2, 2] | 0.304348 | 0.173913 | 0.217391 | 0.304348 | 0.130435 |