**Additional file 7.**

**Table 7.1** Pairwise comparison matrix on E1.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| E1 | I2 | T1 | T2 | T3 | Weights |
| I2 | 1 | 4 | 4 | 3 | 0.5385 |
| T1 | 1/4 | 1 | 1 | 1/2 | 0.1210 |
| T2 | 1/4 | 1 | 1 | 1/2 | 0.1210 |
| T3 | 1/3 | 2 | 2 | 1 | 0.2196 |
| CR=0.0076 | | | | | |

**Table 7.2** Pairwise comparison matrix on I2.

|  |  |  |  |
| --- | --- | --- | --- |
| I2 | I3 | T4 | Weights |
| I3 | 1 | 3 | 0.7500 |
| T4 | 1/3 | 1 | 0.2500 |
| CR=0.00 | | | |

**Table 7.3** Pairwise comparison matrix on I3

|  |  |  |  |
| --- | --- | --- | --- |
| I3 | E2 | I2 | Weights |
| E2 | 1 | 1/2 | 0.3333 |
| I2 | 2 | 1 | 0.6667 |
| CR=0.00 | | | |

**Table 7.4** Pairwise comparison matrix on T1.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| T1 | E1 | I1 | I2 | T4 | Weights |
| E1 | 1 | 2 | 1/2 | 3 | 0.2720 |
| I1 | 1/2 | 1 | 1/3 | 2 | 0.1570 |
| I2 | 2 | 3 | 1 | 5 | 0.4829 |
| T4 | 1/3 | 1/2 | 1/5 | 1 | 0.0882 |
| CR=0.0054 | | | | | |

**Table 7.5** Pairwise comparison matrix on T2.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| T2 | E1 | I1 | I2 | Weights |
| E1 | 1 | 3 | 1/2 | 0.3090 |
| I1 | 1/3 | 1 | 1/5 | 0.1095 |
| I2 | 2 | 5 | 1 | 0.5816 |
| CR=0.0032 | | | | |

**Table 7.6** Pairwise comparison matrix on T3.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| T3 | I1 | I2 | T4 | Weights |
| I1 | 1 | 1/4 | 1/3 | 0.1220 |
| I2 | 4 | 1 | 2 | 0.5584 |
| T4 | 1/3 | 1/2 | 1 | 0.3196 |
| CR=0.0158 | | | | |