Table: Sensitivity Analysis of WQI under Different Weight Scenarios

| Category | WQI | Scenario |
| --- | --- | --- |
| Acidic | 0.03960 | Scenario\_1 |
| Alkaline | 0.04290 | Scenario\_1 |
| Excellent | 0.67485 | Scenario\_1 |
| Good | 0.62865 | Scenario\_1 |
| Medium | 0.34650 | Scenario\_1 |
| Neutral | 1.56750 | Scenario\_1 |
| Other | 15.40000 | Scenario\_1 |
| Acidic | 0.03240 | Scenario\_2 |
| Alkaline | 0.03510 | Scenario\_2 |
| Excellent | 0.55215 | Scenario\_2 |
| Good | 0.51435 | Scenario\_2 |
| Medium | 0.28350 | Scenario\_2 |
| Neutral | 1.28250 | Scenario\_2 |
| Other | 12.60000 | Scenario\_2 |
| Acidic | 0.02400 | Scenario\_3 |
| Alkaline | 0.02600 | Scenario\_3 |
| Excellent | 0.40900 | Scenario\_3 |
| Good | 0.38100 | Scenario\_3 |
| Medium | 0.21000 | Scenario\_3 |
| Neutral | 0.95000 | Scenario\_3 |
| Other | 15.00000 | Scenario\_3 |