**Evaluation Matrix:**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Method** | **EN** | **MI** | **SF** | **Deviation** | **SSIM** |
| std\_dwt | 6.8345 | 3.3864 | 0.0285 | 1.084011e-06 | 0.7152 |
| Std\_dwt\_sharp | 7.2091 | 2.3800 | 0.0657 | 5.420054e-06 | 0.4564 |
| Std\_dwt\_high\_ssim | 6.5232 | 4.7054 | 0.0336 | 5.962060e-06 | 0.8300 |
| Entropy Weighted Fusion | 6.6116 | 4.7056 | 0.0514 | 4.471545e-06 | 0.8343 |
| 5. | 7.1825 | 3.1184 | 0.0652 | 1.355014e-07 | 0.6708 |
| Select Clache Fusion | 7.1825 | 3.1184 | 0.0652 | 1.355014e-07 | 0.6708 |