

Bayesian Method Results

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April 2025

1 Tokyo Images

It is hard to notice via the naked eye but the metrics speak volumes about this algorithm's strengths. Some features are able to be detected visually such as borders becoming more defined.

Metrics

- $\text{ERGAS} = 20.05$
- $\text{RMSE} = 0.03$
- $\text{PSNR} = 45.88$
- $\text{MEAN SAM} = 0.019$



Figure 1: Original MS Image



Figure 2: PAN-Sharpener Image

Below is a full image comparison, the true effect of pansharpening can be seen in the above zoomed images. The above images are at 300% zoom.

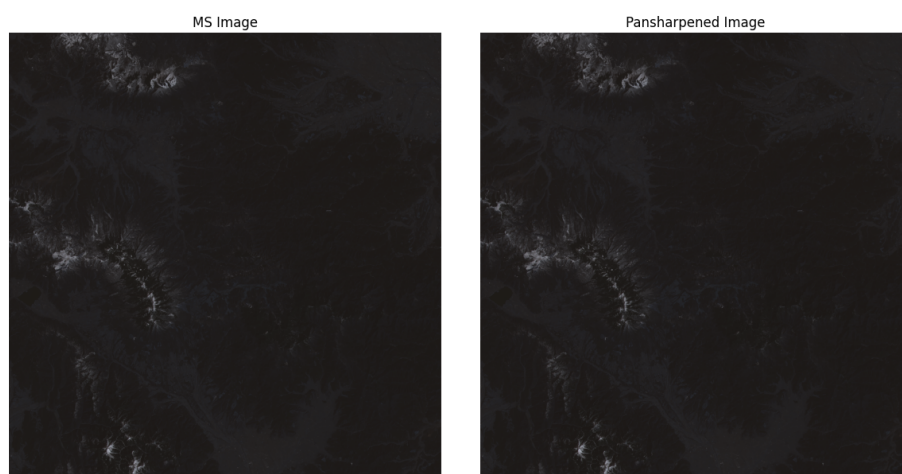


Figure 3: Full Image Comparision