Supplemental Materials — DSFormer: A Dual-domain Self-supervised Transformer for Accelerated Multi-contrast MRI Reconstruction

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1. Additional results



Figure 1. Qualitative comparisons of PD reconstructions using $\times 4$ and $\times 6$ accelerations. For PD reconstruction, T2 is used as the reference contrast. The corresponding reconstruction error maps are illustrated in the 2nd and 4th rows, calculated between ground truth and the network reconstructions.



Figure 2. Qualitative comparisons of T2 reconstructions using $\times 4$ and $\times 6$ acceleration. For T2 reconstruction, PD is used as the reference contrast. The corresponding error maps between ground truth images and the reconstructions are illustrated in BWR colormaps. Across both supervised and self-supervised methods, DSFormer achieves the highest-fidelity reconstructions due to its improved architecture, dual-domain self-supervision, and conditioning mechanisms.