

Figure 1: Comparison of the proposed method with existing methods. The figure consists of four subplots (a, b, c, d) showing the number of iterations required for different methods to converge. The methods compared are: Proposed method, ADMM, FISTA, and FISTA+ADMM. The subplots are: (a) Matrix completion, (b) Sparse reconstruction, (c) Sparse reconstruction with regularization, and (d) Sparse reconstruction with regularization and data augmentation. The y-axis represents the number of iterations, and the x-axis represents the number of outer iterations. The proposed method consistently shows the fastest convergence across all scenarios.