Supplementary Material for: Regression with Missing Data, A Comparison Study of Techniques Based on Random Forests

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1 Evolution of the Missing Rate for the Other Data-Missing Mechanism

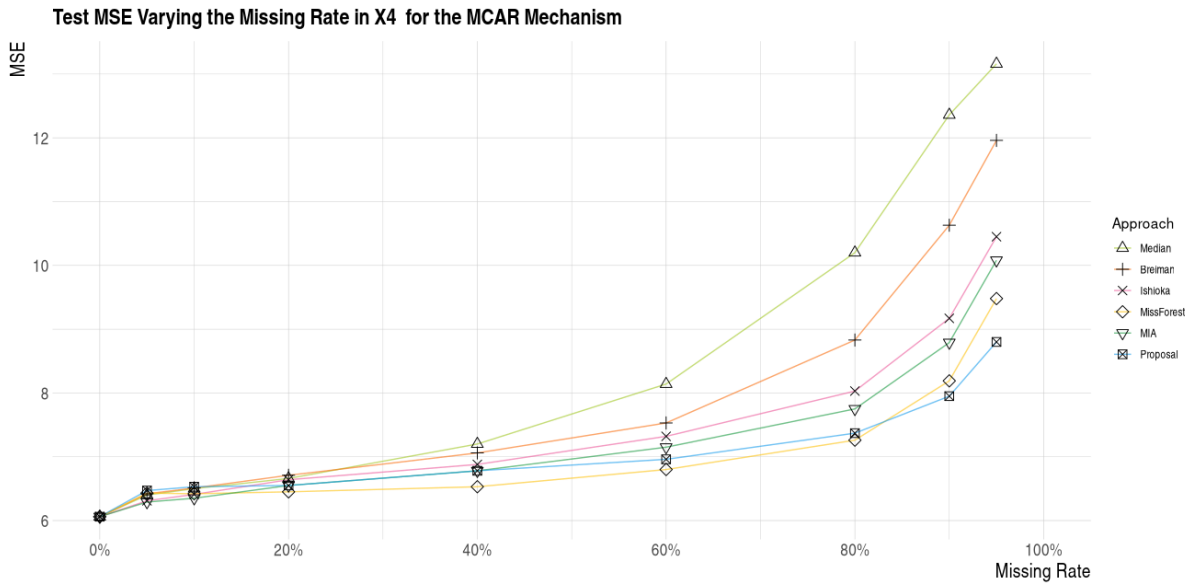

Figure 1: Average MSE for the testing data set for each percentage of missingness, considering the MCAR mechanism.

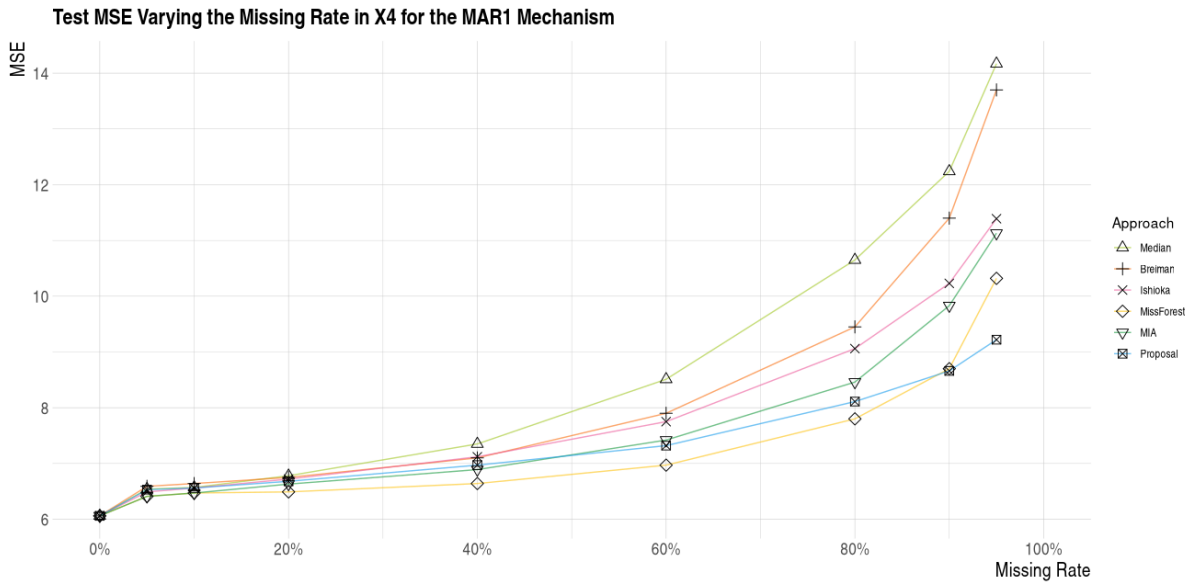

Figure 2: Average MSE for the testing data set for each percentage of missingness, considering the MAR1 mechanism.

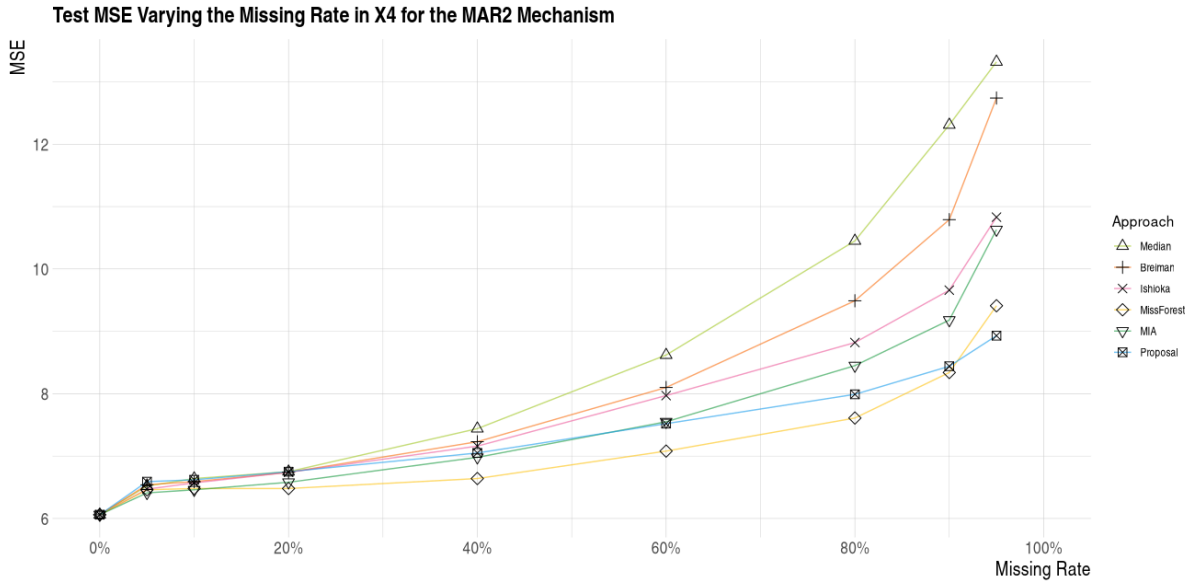

Figure 3: Average MSE for the testing data set for each percentage of missingness, considering the MAR2 mechanism.

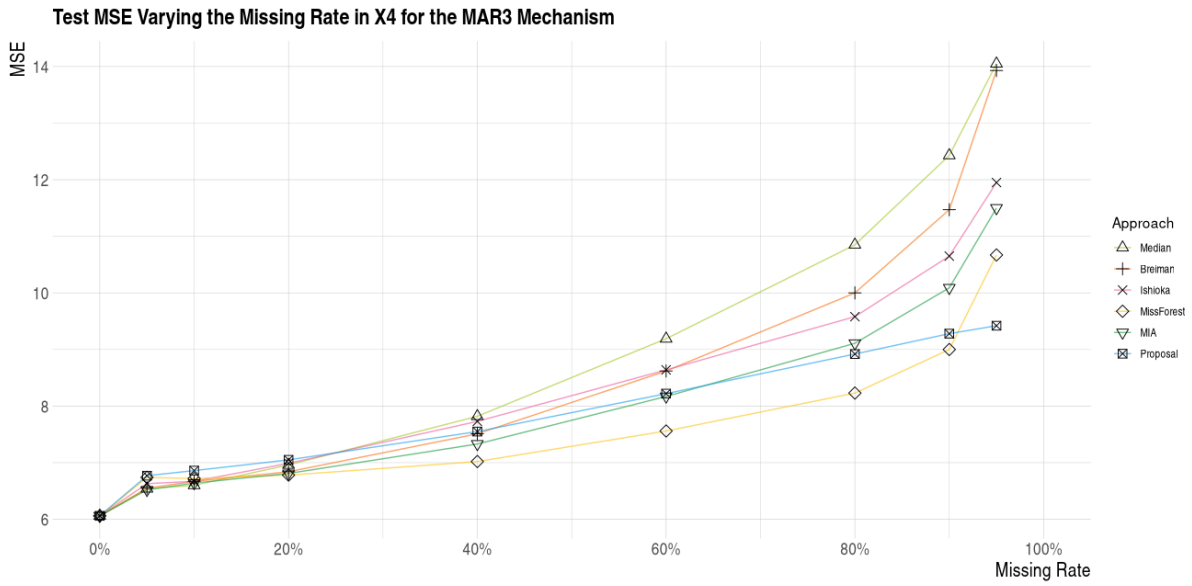

Figure 4: Average MSE for the testing data set for each percentage of missingness, considering the MAR3 mechanism.

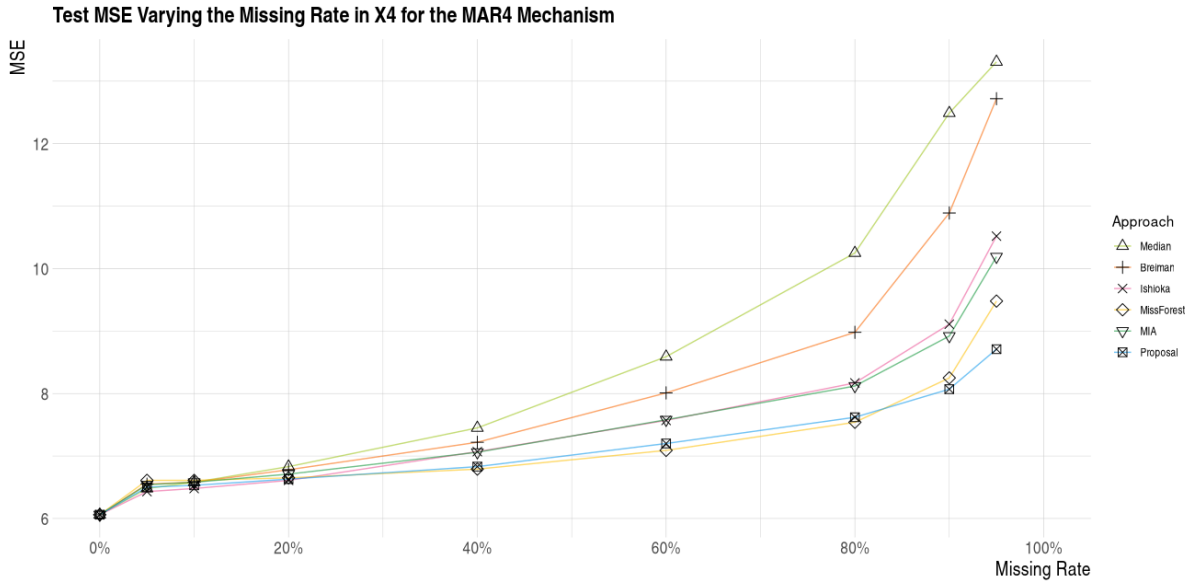

Figure 5: Average MSE for the testing data set for each percentage of missingness, considering the MAR4 mechanism.

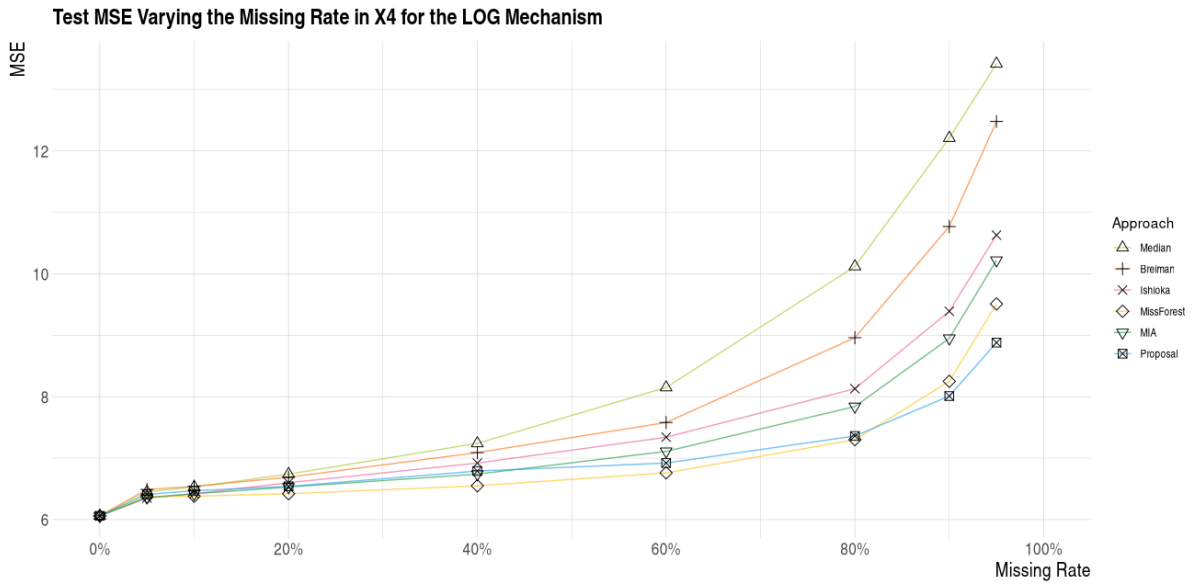

Figure 6: Average MSE for the testing data set for each percentage of missingness, considering the LOG mechanism.

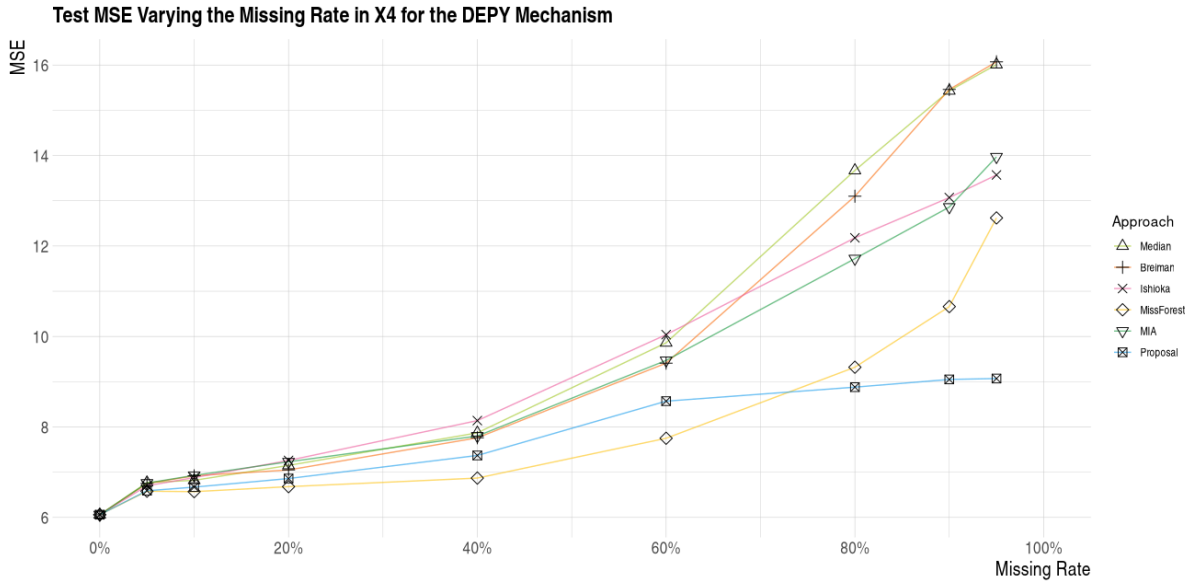

Figure 7: Average MSE for the testing data set for each percentage of missingness, considering the DEPY mechanism.

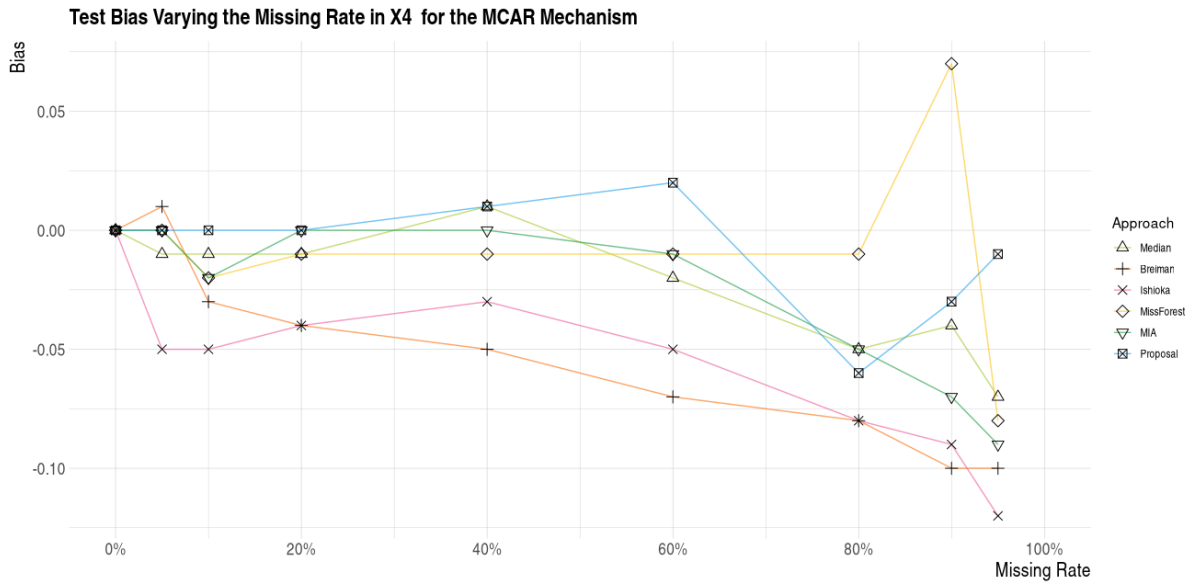

Figure 8: Average Bias for the testing data set for each percentage of missingness, considering the MCAR mechanism

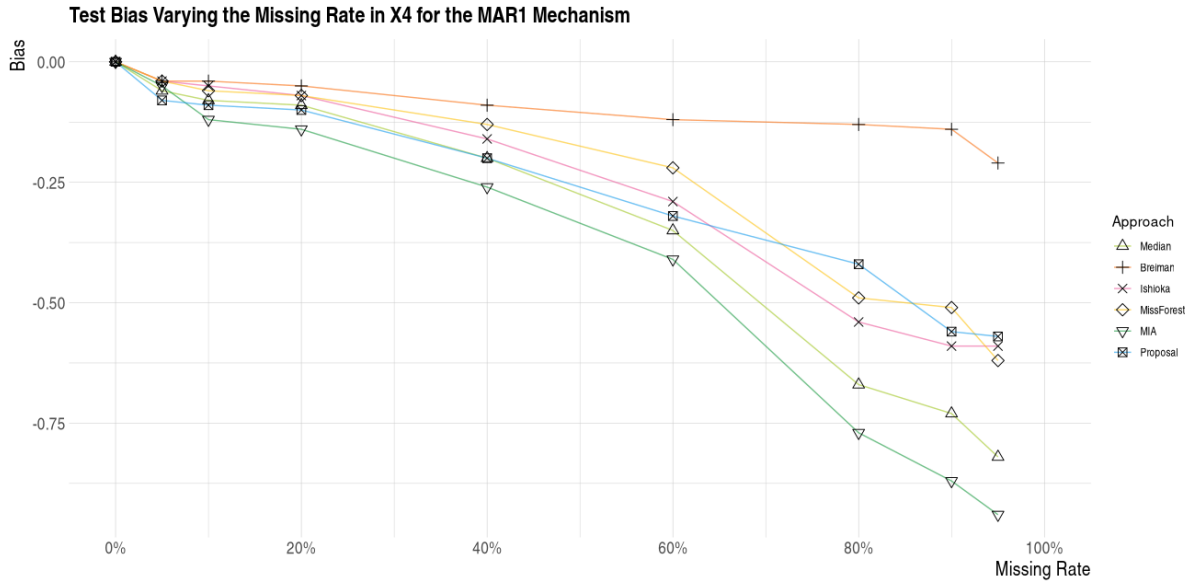

Figure 9: Average bias for the testing data set for each percentage of missingness, considering the MAR1 mechanism.

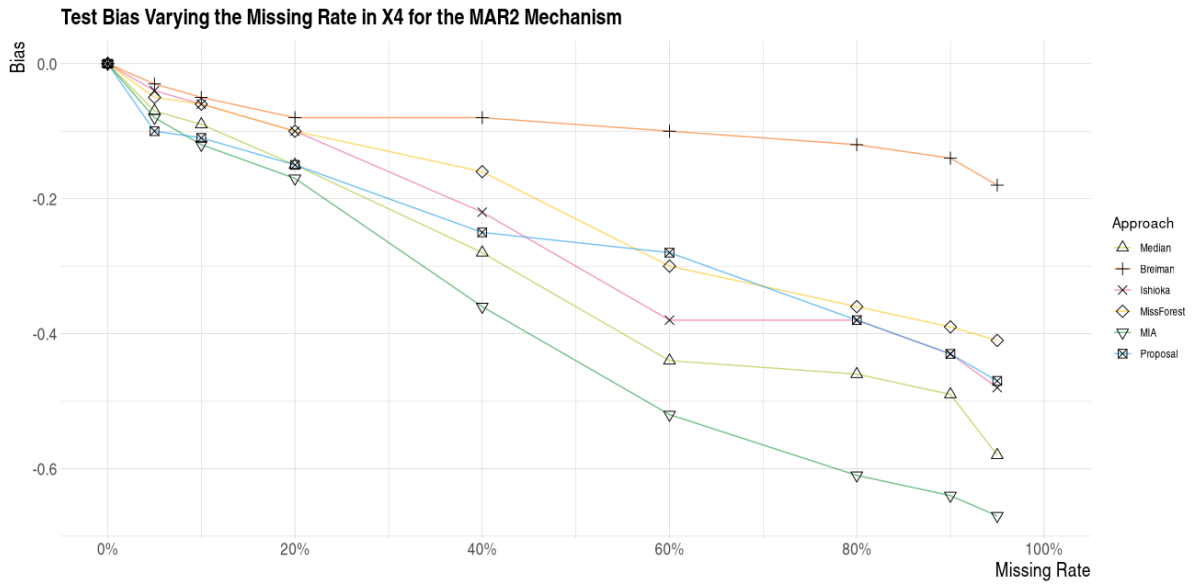

Figure 10: Average bias for the testing data set for each percentage of missingness, considering the MAR2 mechanism.

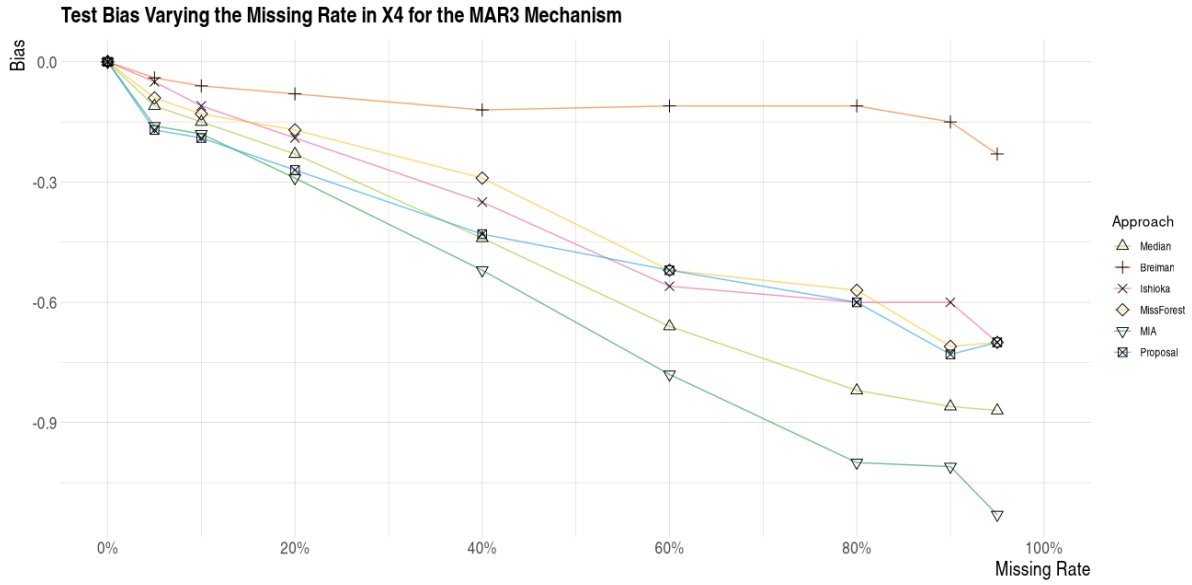

Figure 11: Average bias for the testing data set for each percentage of missingness, considering the MAR3 mechanism.

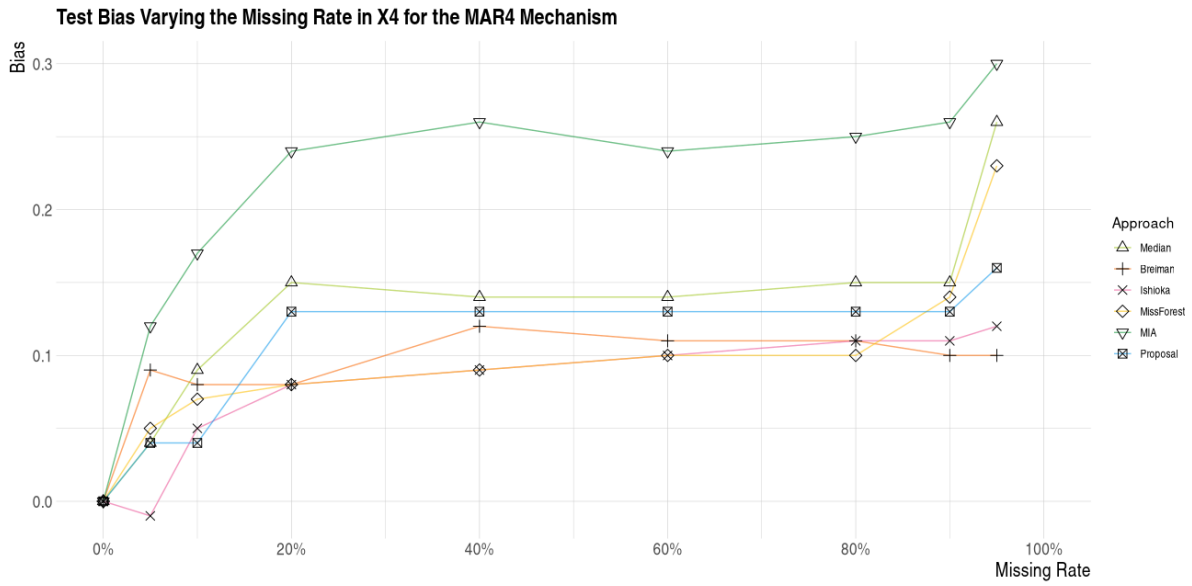

Figure 12: Average bias for the testing data set for each percentage of missingness, considering the MAR4 mechanism.

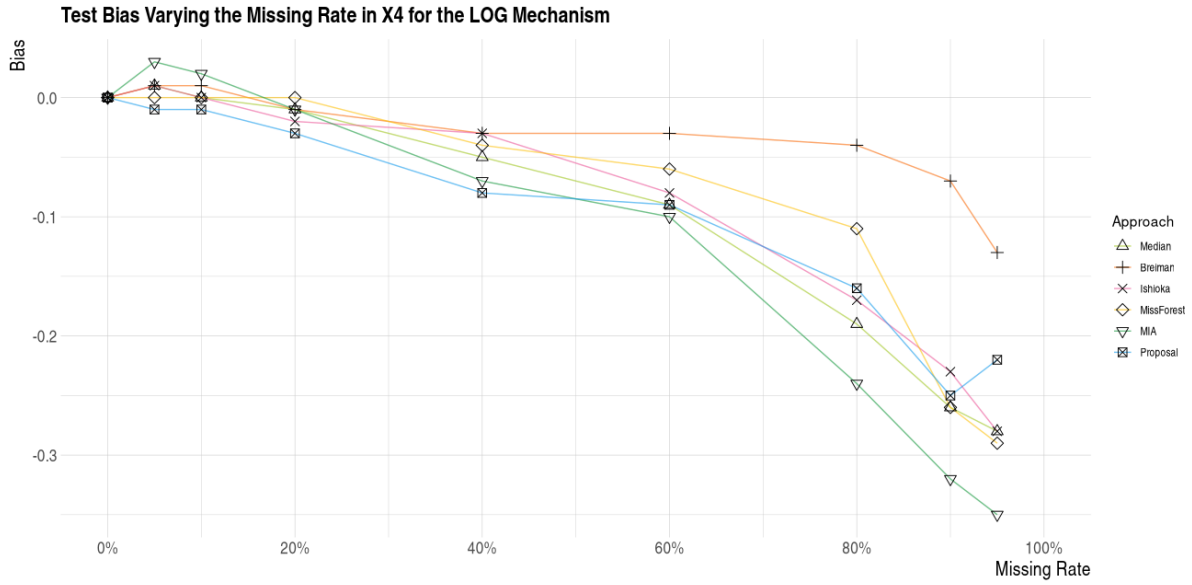

Figure 13: Average bias for the testing data set for each percentage of missingness, considering the LOG mechanism.

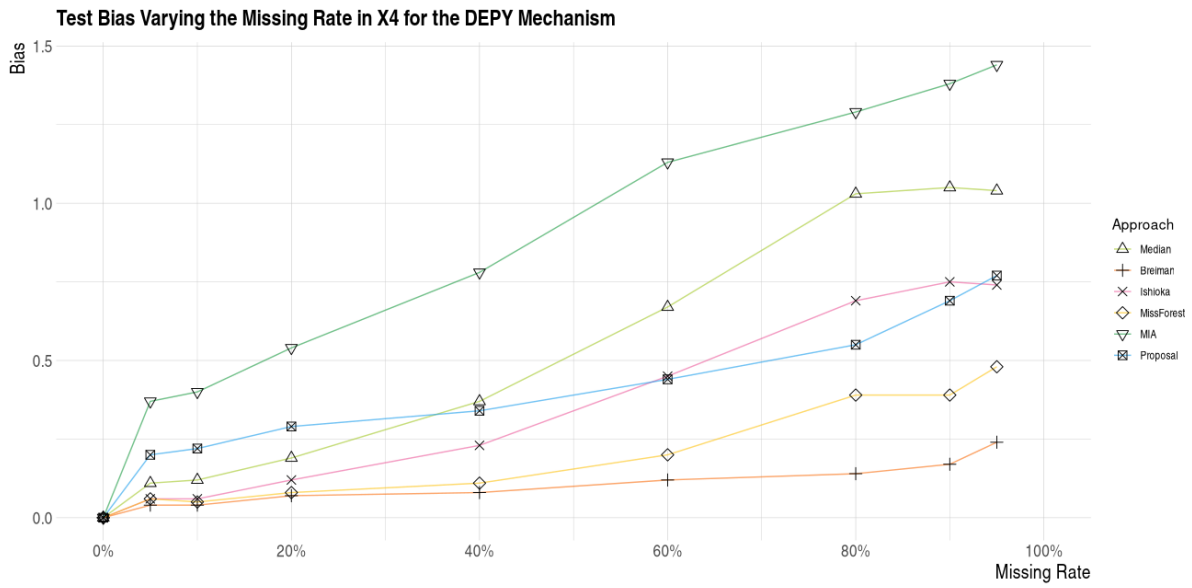

Figure 14: Average bias for the testing data set for each percentage of missingness, considering the DEPY mechanism.