| %MV | Method | True positives | False positives | True negatives | False negatives | Sensitivity (%) | Specificity (%) | Precision (%) | F-score (%) | MCC (%) |
|-----|--------|----------------|----------------|---------------|----------------|----------------|----------------|--------------|-------------|----------|
| 1%  | DAPAR  | 80.5 ± 12.1    | 1.8 ± 1.4      | 798.2 ± 1.4   | 119.5 ± 12.1   | 40.2 ± 6       | 99.8 ± 0.2     | 97.9 ± 1.6   | 56.8 ± 6.3  | 58.1 ± 4.9|
|     | MI4P   | 167.9 ± 4.8    | 6.6 ± 2.5      | 793.4 ± 2.5   | 32 ± 4.8       | 84 ± 2.4       | 99.2 ± 0.3     | 96.2 ± 1.4   | 89.7 ± 1.4  | 87.6 ± 1.7|
| 5%  | DAPAR  | 79.6 ± 12.4    | 1.9 ± 1.7      | 798.1 ± 1.7   | 120.4 ± 12.4   | 39.8 ± 6.2     | 99.8 ± 0.2     | 97.8 ± 1.9   | 56.2 ± 6.5  | 57.7 ± 5  |
|     | MI4P   | 169.6 ± 4.3    | 6.7 ± 2.8      | 793.3 ± 2.8   | 30.4 ± 4.3     | 84.8 ± 2.2     | 99.2 ± 0.4     | 96.2 ± 1.5   | 90.1 ± 1.4  | 88.1 ± 1.6|
| 10% | DAPAR  | 78.2 ± 13.5    | 2 ± 1.7        | 798 ± 1.7     | 121.8 ± 13.5   | 39.1 ± 6.8     | 99.8 ± 0.2     | 97.7 ± 1.8   | 55.5 ± 7.1  | 57.1 ± 5  |
|     | MI4P   | 170.8 ± 4.3    | 6.3 ± 2.8      | 793.7 ± 2.8   | 29.2 ± 4.3     | 85.4 ± 2.2     | 99.2 ± 0.4     | 96.5 ± 1.5   | 90.6 ± 1.4  | 88.7 ± 1.6|
| 15% | DAPAR  | 79 ± 14.1      | 2 ± 1.7        | 798 ± 1.7     | 121 ± 14.1     | 39.5 ± 7       | 99.8 ± 0.2     | 97.6 ± 1.8   | 55.9 ± 7.3  | 57.4 ± 5.6|
|     | MI4P   | 171.6 ± 4.5    | 6.2 ± 3.1      | 793.8 ± 3.1   | 28.4 ± 4.5     | 85.8 ± 2.2     | 99.2 ± 0.4     | 96.5 ± 1.7   | 90.8 ± 1.4  | 89 ± 1.7  |
| 20% | DAPAR  | 77.2 ± 16.8    | 1.9 ± 1.6      | 798.1 ± 1.6   | 122.8 ± 16.8   | 38.6 ± 8.4     | 99.8 ± 0.2     | 97.7 ± 1.9   | 54.7 ± 9.8  | 56.4 ± 7.9|
|     | MI4P   | 171.1 ± 4.7    | 5.7 ± 2.7      | 794.3 ± 2.7   | 28.9 ± 4.7     | 85.5 ± 2.3     | 99.3 ± 0.3     | 96.8 ± 1.5   | 90.8 ± 1.4  | 89 ± 1.7  |
| 25% | DAPAR  | 74.4 ± 16.8    | 1.8 ± 1.7      | 798.2 ± 1.7   | 125.6 ± 16.8   | 37.2 ± 8.4     | 99.8 ± 0.2     | 97.7 ± 1.9   | 53.3 ± 9.8  | 55.3 ± 7.8|
|     | MI4P   | 170.3 ± 4.9    | 5.9 ± 2.9      | 794.1 ± 2.9   | 29.7 ± 4.9     | 85.1 ± 2.5     | 99.3 ± 0.4     | 96.7 ± 1.6   | 90.5 ± 1.5  | 88.6 ± 1.8|

S8 Table. Performance evaluation on the second set of MAR simulations imputed using $k$-nearest neighbours. Results are provided as mean ± standard deviation over the 100 simulated datasets for each indicator of performance.