| Inflam | Method                     | Accuracy | Cohen's Kappa | No Inflam | Inflam | Mc Nemar p-value |
|--------|----------------------------|----------|---------------|-----------|--------|-----------------|
| 1-St.Sig miRNAs | Logistic Regression        | 60       | 0.17          | 0         | 100    | 0.04            |
|         | K-Nearest Neighbours      | 80       | 0.58          | 75        | 83.3   | 0.72            |
|         | Support Vector Machines   | 60       | 0.17          | 0         | 100    | 0.04            |
|         | Random Forests            | 70       | 0.37          | 50        | 83.3   | 0.45            |
|         | Gaussian Naive Bayes      | 80       | 0.58          | 75        | 83.3   | 0.72            |
| 2-St.Sig miRNAs | Logistic Regression        | 70       | 0.37          | 50        | 83.3   | 0.45            |
|         | K-Nearest Neighbours      | 80       | 0.58          | 50        | 100    | 0.29            |
|         | SVM                       | 80       | 0.58          | 50        | 100    | 0.29            |
|         | Random Forests            | 70       | 0.37          | 50        | 83.3   | 0.45            |
|         | Gaussian Naive Bayes      | 80       | 0.58          | 75        | 83.3   | 0.72            |
| Relapse | Method                     | Accuracy | Cohen's Kappa | No Relapse | Relapse | Mc Nemar p-value |
| 2-St.Sig miRNAs | Logistic Regression        | 80       | 0.58          | 100       | 50     | 0.29            |
|         | K-Nearest Neighbours      | 90       | 0.79          | 100       | 75     | 0.5             |
|         | Support Vector Machines   | 80       | 0.58          | 83.3      | 75     | 0.72            |
|         | Random Forests            | 60       | 0.16          | 67        | 50     | 0.68            |
|         | Gaussian Naive Bayes      | 80       | 0.28          | 100       | 50     | 0.58            |
| 4-St.Sig miRNAs | Logistic Regression        | 70       | 0.37          | 83.3      | 50     | 0.45            |
|         | K-Nearest Neighbours      | 90       | 0.79          | 100       | 75     | 0.5             |
|         | Support Vector Machines   | 90       | 0.79          | 100       | 75     | 0.5             |
|         | Random Forests            | 60       | 0.16          | 67        | 50     | 0.68            |
|         | Gaussian Naive Bayes      | 80       | 0.28          | 100       | 50     | 0.58            |
| Cancer  | Method                     | Accuracy | Cohen's Kappa | No Cancer | Cancer | Mc Nemar p-value |
| 2-St.Sig, miRNAs | Logistic Regression        | 60       | 0.17          | 100       | 0     | 0.04            |
|         | K-Nearest Neighbours      | 100      | 1             | 100       | 1     | 1               |
|         | Support Vector Machines   | 60       | 0.17          | 100       | 0     | 0.04            |
|         | Random Forests            | 100      | 1             | 100       | 1     | 1               |
|         | Gaussian Naive Bayes      | 100      | 1             | 100       | 1     | 1               |
| 3-St.Sig, miRNAs | Logistic Regression        | 60       | 0.17          | 100       | 0     | 0.04            |
|         | K-Nearest Neighbours      | 100      | 1             | 100       | 1     | 1               |
|         | Support Vector Machines   | 60       | 0.17          | 100       | 0     | 0.04            |
|         | Random Forests            | 100      | 1             | 100       | 1     | 1               |
|         | Gaussian Naive Bayes      | 100      | 1             | 100       | 1     | 1               |
| 5-St.Sig, miRNAs | Logistic Regression        | 60       | 0.17          | 100       | 0     | 0.04            |
|         | K-Nearest Neighbours      | 100      | 1             | 100       | 1     | 1               |
|         | Support Vector Machines   | 60       | 0.17          | 100       | 0     | 0.04            |
|         | Random Forests            | 100      | 1             | 100       | 1     | 1               |
|         | Gaussian Naive Bayes      | 100      | 1             | 100       | 1     | 1               |
| 6-St.Sig, miRNAs | Logistic Regression        | 70       | 0.37          | 83.3      | 50     | 0.45            |
|         | K-Nearest Neighbours      | 90       | 0.79          | 83        | 100    | 1               |
|         | Support Vector Machines   | 100      | 1             | 100       | 1     | 1               |
|         | Random Forests            | 100      | 1             | 100       | 1     | 1               |
|         | Gaussian Naive Bayes      | 100      | 1             | 100       | 1     | 1               |
| 7-St.Sig, miRNAs | Logistic Regression        | 80       | 0.58          | 100       | 50     | 0.45            |
|         | K-Nearest Neighbours      | 100      | 1             | 100       | 1     | 1               |
|         | SVM                       | 100      | 1             | 100       | 1     | 1               |
|         | Random Forests            | 100      | 1             | 100       | 1     | 1               |
|         | Gaussian Naive Bayes      | 100      | 1             | 100       | 1     | 1               |