=== Run information ===

 $Scheme: weka. classifiers.lazy. IBk - K 1 - W 0 - A "weka. core.neighboursearch. LinearNNSearch - A \ \ weka. core. Euclidean Delation: audio_steganalysis-weka.filters.unsupervised.instance. RemoveWithValues-S10.0-C7-Lfirst-last-weka.filters.unsupervised.instance. RemoveWithValues-S10.0-C7-Lfirst-last-weka.filters.unsupervised.unsuperv$

Instances: 8852
Attributes: 591

[list of attributes omitted]

Test mode:user supplied test set: size unknown reading incrementally

=== Classifier model full training set ===

IB1 instance-based classifier using 1 nearest neighbours for classification

Time taken to build model: 0.01 seconds

=== Evaluation on test set ===

=== Summary ===

| Correctly Classified Instances | 867 | 58.502 | % |
|----------------------------------|-----------|--------|---|
| Incorrectly Classified Instances | 615 | 41.498 | % |
| Kappa statistic | 0.5751 | | |
| Mean absolute error | 0.0173 | | |
| Root mean squared error | 0.1294 | | |
| Relative absolute error | 42.5084 % | | |
| Root relative squared error | 90.662 % | | |
| Total Number of Instances | 1482 | | |

=== Detailed Accuracy By Class ===

| TP Rate | FP Rate | Precision | Recall | F-Measure | ROC Area | Class |
|---------|---------|-----------|--------|-----------|----------|------------------|
| 0.622 | 0.008 | 0.7 | 0.622 | 0.659 | 0.814 | $male_01$ |
| 0.731 | 0.011 | 0.543 | 0.731 | 0.623 | 0.865 | ${\tt male_02}$ |
| 0.889 | 0.003 | 0.828 | 0.889 | 0.857 | 0.945 | $male_03$ |
| 0.034 | 0.017 | 0.038 | 0.034 | 0.036 | 0.482 | ${\tt male_04}$ |
| 0 | 0 | 0 | 0 | 0 | 0.934 | $male_05$ |
| 0.605 | 0.012 | 0.561 | 0.605 | 0.582 | 0.803 | ${\tt male_06}$ |
| 0.633 | 0.003 | 0.861 | 0.633 | 0.729 | 0.821 | ${\tt male_07}$ |
| 0.412 | 0.009 | 0.519 | 0.412 | 0.459 | 0.712 | ${\tt male_08}$ |
| 0.605 | 0.004 | 0.813 | 0.605 | 0.693 | 0.807 | $male_09$ |
| 0.741 | 0.016 | 0.455 | 0.741 | 0.563 | 0.867 | $male_10$ |
| 0.68 | 0.001 | 0.944 | 0.68 | 0.791 | 0.845 | ${\tt male_11}$ |
| 0.686 | 0.006 | 0.727 | 0.686 | 0.706 | 0.831 | $male_12$ |
| 0.686 | 0.004 | 0.8 | 0.686 | 0.738 | 0.846 | $male_13$ |
| 0.5 | 0.002 | 0.4 | 0.5 | 0.444 | 0.757 | ${\tt male_14}$ |
| 0.4 | 0.015 | 0.353 | 0.4 | 0.375 | 0.703 | $male_15$ |
| 0.596 | 0.009 | 0.683 | 0.596 | 0.636 | 0.8 | ${\tt male_16}$ |
| 0.444 | 0.008 | 0.5 | 0.444 | 0.471 | 0.723 | $male_17$ |
| 0 | 0 | 0 | 0 | 0 | 0.521 | $male_18$ |
| 0.769 | 0.005 | 0.714 | 0.769 | 0.741 | 0.867 | ${\tt male_19}$ |
| 0.395 | 0.01 | 0.548 | 0.395 | 0.459 | 0.703 | $male_20$ |
| 0.257 | 0.014 | 0.31 | 0.257 | 0.281 | 0.62 | $male_21$ |
| 0.455 | 0.018 | 0.366 | 0.455 | 0.405 | 0.728 | $male_22$ |
| 0 | 0 | 0 | 0 | 0 | ? | male_23 |

| | 0.781 | 0.004 | 0.806 | 0.781 | 0.794 | 0.892 | ${\tt male_24}$ |
|---------------|-------|-------|-------|-------|-------|-------|------------------|
| | 0.923 | 0.001 | 0.923 | 0.923 | 0.923 | 0.963 | ${\tt male_25}$ |
| | 0.44 | 0.009 | 0.458 | 0.44 | 0.449 | 0.725 | $male_26$ |
| | 0.813 | 0.014 | 0.553 | 0.813 | 0.658 | 0.887 | $male_27$ |
| | 0.514 | 0.015 | 0.475 | 0.514 | 0.494 | 0.744 | $male_28$ |
| | 0.438 | 0.019 | 0.341 | 0.438 | 0.384 | 0.704 | $male_29$ |
| | 0 | 0.001 | 0 | 0 | 0 | 0.517 | $male_30$ |
| | 0.541 | 0.012 | 0.541 | 0.541 | 0.541 | 0.759 | $male_31$ |
| | 0.5 | 0.001 | 0.75 | 0.5 | 0.6 | 0.758 | $male_32$ |
| | 0.308 | 0.009 | 0.381 | 0.308 | 0.34 | 0.642 | $male_33$ |
| | 0.756 | 0.013 | 0.62 | 0.756 | 0.681 | 0.864 | ${\tt male_34}$ |
| | 0.577 | 0.016 | 0.395 | 0.577 | 0.469 | 0.788 | $male_35$ |
| | 0.389 | 0.021 | 0.318 | 0.389 | 0.35 | 0.681 | $male_36$ |
| | 0.674 | 0.005 | 0.806 | 0.674 | 0.734 | 0.817 | ${\tt male_37}$ |
| | 0.432 | 0.014 | 0.444 | 0.432 | 0.438 | 0.706 | $male_38$ |
| | 0.857 | 0.017 | 0.49 | 0.857 | 0.623 | 0.922 | $male_39$ |
| | 0.528 | 0.008 | 0.633 | 0.528 | 0.576 | 0.754 | ${\tt male_40}$ |
| | 0.464 | 0.017 | 0.351 | 0.464 | 0.4 | 0.733 | ${\tt male_41}$ |
| | 0.6 | 0.012 | 0.469 | 0.6 | 0.526 | 0.801 | $male_42$ |
| | 1 | 0.009 | 0.79 | 1 | 0.883 | 0.995 | $male_43$ |
| | 0.867 | 0.001 | 0.929 | 0.867 | 0.897 | 0.935 | ${\tt male_44}$ |
| | 0.724 | 0.006 | 0.724 | 0.724 | 0.724 | 0.864 | ${\tt male_45}$ |
| | 0.568 | 0.008 | 0.636 | 0.568 | 0.6 | 0.787 | ${\tt male_46}$ |
| | 0.824 | 0.01 | 0.667 | 0.824 | 0.737 | 0.91 | ${\tt male_47}$ |
| | 0.862 | 0.007 | 0.714 | 0.862 | 0.781 | 0.93 | ${\tt male_48}$ |
| Weighted Avg. | 0.585 | 0.009 | 0.581 | 0.585 | 0.576 | 0.796 | |
| | | | | | | | |