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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Experiment #** | **Fold** | **Parameter1 Cost** | **Parameter2 kernel** | **Parameter3 gamma** | **Parameter4 tolerance** | **Average Accuracy(in %)** | **Average Precision** | **Average Recall** | **F-measure** |
| 1 | 10 | 10 | radial | 1 | 0.001 | 81.25 | 0.783 | 0.815 | 0.798 |
| 2 | 10 | 15 | radial | 0.5 | 0.01 | 81.31 | 0.782 | 0.816 | 0.799 |
| 3 | 10 | 18 | radial | 0.25 | 0.05 | 80.59 | 0.775 | 0.805 | 0.790 |
| **4** | **10** | **12** | **radial** | **0.33** | **0.01** | **80.31** | **0.772** | **0.805** | **0.788** |
| 5 | 10 | 20 | radial | 0.45 | 0.001 | 80.52 | 0.774 | 0.805 | 0.789 |
| 6 | 10 | 12 | radial | 0.67 | 0.01 | 81.19 | 0.780 | 0.817 | 0.798 |
| 7 | 10 | 15 | radial | 0.25 | 0.05 | 81.10 | 0.788 | 0.814 | 0.801 |
| 8 | 10 | 10 | radial | 0.33 | 0.01 | 80.91 | 0.778 | 0.813 | 0.795 |
| 9 | 10 | 18 | radial | 0.09 | 0.01 | 81.22 | 0.782 | 0.813 | 0.795 |
| 10 | 10 | 20 | radial | 0.25 | 0.05 | 80.18 | 0.769 | 0.806 | 0.787 |

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| **Experiment #** | **Fold** | **Parameter1 Cost** | **Parameter2 kernel** | **Parameter3 gamma** | **Parameter4 tolerance** | **Average Accuracy(in %)** | **Average Precision** | **Average Recall** | **F-measure** |
| 1 | 10 | 10 | linear | - | 0.01 | 78.69 | 0.767 | 0.776 | 0.771 |
| 2 | 10 | 12 | linear | - | 0.05 | 78.74 | 0.767 | 0.776 | 0.772 |
| 3 | 10 | 18 | linear | - | 0.05 | 78.55 | 0.769 | 0.776 | 0.772 |
| **4** | **10** | **20** | linear | - | **0.01** | **78.73** | **0.769** | **0.780** | **0.775** |
| 5 | 10 | 15 | linear | - | 0.01 | 78.59 | 0.776 | 0.779 | 0.773 |

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Experiment #** | **Fold** | **Parameter1 Cost** | **Parameter2 kernel** | **Parameter3 gamma** | **Parameter4 tolerance** | **Average Accuracy(in %)** | **Average Precision** | **Average Recall** | **F-measure** |
| 1 | 10 | 10 | polynomial | 0.25 | 0.01 | 81.36 | 0.788 | 0.813 | 0.800 |
| 2 | 10 | 12 | polynomial | 0.33 | 0.05 | 80.96 | 0.783 | 0.807 | 0.795 |
| 3 | 10 | 18 | polynomial | 0.5 | 0.05 | 79.14 | 0.762 | 0.792 | 0.776 |
| **4** | **10** | **15** | polynomial | 0.67 | **0.01** | **80.23** | **0.779** | **0.797** | **0.788** |
| 5 | 10 | 10 | polynomial | 0.75 | 0.01 | 79.40 | 0.768 | 0.790 | 0.779 |
| 6 | 10 | 20 | polynomial | 0.33 | 0.05 | 81.01 | 0.784 | 0.805 | 0.794 |
| 7 | 10 | 12 | polynomial | 0.67 | 0.01 | 78.64 | 0.763 | 0.784 | 0.773 |
| 8 | 10 | 15 | polynomial | 0.25 | 0.05 | 79.66 | 0.769 | 0.788 | 0.778 |
| 9 | 10 | 18 | polynomial | 0.5 | 0.01 | 79.99 | 0.774 | 0.796 | 0.784 |
| 10 | 10 | 20 | polynomial | 0.5 | 0.01 | 78.40 | 0.760 | 0.774 | 0.767 |