**Evaluation Report**

The following tables are comparisons between the performance of our algorithms (in terms of AUC) and the performance of algorithms that were found in the works of Yucular et al. :

**AUC Value**

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Dataset** | Our Algorithm | | | | | | Similar algorithms from Yucular et al. | | | | | |
| LR | NB | MLP | RF | ROT | VOT | LR | NB | MLP | RF | ROT | VOT |
| CM1 | 0.663 | 0.712 | 0.523 | 0.803 | 0.666 | 0.739 | 0.730 | 0.658 | 0.734 | 0.723 | 0.771 | 0.741 |
| JM1 | 0.646 | 0.62 | 0.547 | 0.655 | 0.601 | 0.643 | 0.713 | 0.679 | 0.690 | 0.718 | 0.729 | 0.721 |
| KC1 | 0.625 | 0.64 | 0.634 | 0.625 | 0.594 | 0.637 | 0.670 | 0.780 | 0.916 | 0.812 | 0.87 | 0.757 |
| MC2 | 0.633 | 0.435 | 0.698 | 0.633 | 0.576 | 0.508 | 0.723 | 0.700 | 0.690 | 0.699 | 0.74 | 0.758 |
| PC1 | 0.769 | 0.775 | 0.398 | 0.846 | 0.768 | 0.818 | 0.809 | 0.650 | 0.723 | 0.813 | 0.859 | 0.842 |
| PC3 | 0.814 | 0.778 | 0.412 | 0.845 | 0.783 | 0.832 | 0.823 | 0.756 | 0.780 | 0.795 | 0.827 | 0.792 |