# Resultados Experimentos DAHFI

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| | | PCA | PLS | mRMR | whole |
|---|---|---|---|---|---|
| KNN | CC | 0.521 ± 0.064 | 0.517 ± 0.065 | 0.474 ± 0.049 | **0.530 ± 0.035** |
| | DCOR | 0.480 ± 0.031 | 0.497 ± 0.056 | 0.490 ± 0.033 | 0.493 ± 0.039 |
| | FFT | **0.541 ± 0.043** | **0.519 ± 0.038** | **0.519 ± 0.038** | 0.511 ± 0.038 |
| KNNSScaler | CC | **0.523 ± 0.048** | **0.526 ± 0.064** | **0.518 ± 0.053** | **0.522 ± 0.038** |
| | DCOR | 0.497 ± 0.064 | 0.513 ± 0.067 | 0.494 ± 0.017 | 0.485 ± 0.061 |
| | FFT | 0.511 ± 0.035 | 0.521 ± 0.039 | 0.502 ± 0.054 | 0.503 ± 0.046 |
| LR | CC | **0.567 ± 0.054** | 0.545 ± 0.061 | **0.560 ± 0.100** | **0.554 ± 0.091** |
| | DCOR | 0.485 ± 0.041 | 0.510 ± 0.058 | 0.503 ± 0.065 | 0.479 ± 0.051 |
| | FFT | 0.543 ± 0.065 | **0.546 ± 0.032** | 0.551 ± 0.071 | 0.500 ± 0.073 |
| LRSScaler | CC | No converge | No converge | No converge | No converge |
| | DCOR | No converge | No converge | No converge | No converge |
| | FFT | **0.545 ± 0.070** | **0.545 ± 0.044** | **0.540 ± 0.062** | **0.564 ± 0.046** |
| SVC | CC | **0.533 ± 0.074** | 0.531 ± 0.050 | **0.520 ± 0.052** | **0.527 ± 0.050** |
| | DCOR | 0.432 ± 0.049 | 0.458 ± 0.069 | 0.473 ± 0.066 | 0.463 ± 0.045 |
| | FFT | 0.506 ± 0.074 | **0.553 ± 0.048** | 0.516 ± 0.039 | 0.500 ± 0.000 |
| SVCSScaler | CC | 0.516 ± 0.063 | **0.524 ± 0.033** | 0.525 ± 0.080 | 0.540 ± 0.097 |
| | DCOR | 0.460 ± 0.061 | 0.502 ± 0.062 | 0.461 ± 0.079 | 0.499 ± 0.029 |
| | FFT | **0.561 ± 0.071** | 0.516 ± 0.046 | **0.552 ± 0.096** | **0.543 ± 0.041** |

Table 1: Tabla comparativa en Balanced Accuracy

| | | PCA | PLS | mRMR | whole |
|---|---|---|---|---|---|
| KNN | CC | **0.577 ± 0.079** | 0.515 ± 0.078 | **0.514 ± 0.059** | **0.546 ± 0.090** |
| | DCOR | 0.477 ± 0.081 | **0.521 ± 0.087** | 0.452 ± 0.078 | 0.447 ± 0.088 |
| | FFT | 0.524 ± 0.075 | 0.485 ± 0.049 | 0.509 ± 0.076 | 0.534 ± 0.102 |
| KNNSScaler | CC | 0.488 ± 0.062 | **0.525 ± 0.090** | **0.553 ± 0.073** | **0.576 ± 0.072** |
| | DCOR | 0.501 ± 0.074 | 0.497 ± 0.104 | 0.458 ± 0.055 | 0.454 ± 0.083 |
| | FFT | **0.509 ± 0.087** | 0.513 ± 0.053 | 0.542 ± 0.042 | 0.533 ± 0.067 |
| LR | CC | **0.598 ± 0.065** | **0.578 ± 0.052** | 0.581 ± 0.092 | **0.578 ± 0.086** |
| | DCOR | 0.473 ± 0.057 | 0.513 ± 0.099 | 0.511 ± 0.073 | 0.504 ± 0.057 |
| | FFT | 0.574 ± 0.101 | 0.567 ± 0.043 | **0.604 ± 0.082** | 0.479 ± 0.076 |
| LRSScaler | CC | No converge | No converge | No converge | No converge |
| | DCOR | No converge | No converge | No converge | No converge |
| | FFT | **0.582 ± 0.091** | **0.558 ± 0.054** | **0.586 ± 0.062** | **0.578 ± 0.061** |
| SVC | CC | **0.523 ± 0.076** | **0.557 ± 0.078** | 0.529 ± 0.090 | **0.546 ± 0.067** |
| | DCOR | 0.426 ± 0.070 | 0.463 ± 0.112 | 0.446 ± 0.082 | 0.438 ± 0.060 |
| | FFT | 0.482 ± 0.096 | 0.552 ± 0.042 | **0.541 ± 0.083** | 0.500 ± 0.000 |
| SVCSScaler | CC | 0.544 ± 0.064 | **0.564 ± 0.053** | 0.528 ± 0.081 | 0.559 ± 0.067 |
| | DCOR | 0.466 ± 0.076 | 0.520 ± 0.106 | 0.454 ± 0.086 | 0.469 ± 0.074 |
| | FFT | **0.581 ± 0.091** | 0.536 ± 0.046 | **0.563 ± 0.113** | **0.571 ± 0.047** |

Table 2: Tabla comparativa en Area bajo la curva roc