# Resultados Experimentos DAHFI

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| | | PCA | PLS | mRMR | whole |
|---|---|---|---|---|---|
| KNN | CC | **0.523 ± 0.034** | 0.515 ± 0.032 | **0.512 ± 0.033** | **0.519 ± 0.028** |
| | DCOR | 0.491 ± 0.038 | 0.498 ± 0.031 | 0.502 ± 0.032 | 0.496 ± 0.026 |
| | FFT | 0.522 ± 0.039 | **0.528 ± 0.038** | 0.511 ± 0.031 | 0.513 ± 0.027 |
| KNNSScaler | CC | 0.507 ± 0.033 | 0.516 ± 0.033 | 0.515 ± 0.035 | **0.513 ± 0.032** |
| | DCOR | 0.504 ± 0.034 | 0.502 ± 0.035 | 0.502 ± 0.029 | 0.491 ± 0.029 |
| | FFT | **0.519 ± 0.031** | **0.518 ± 0.038** | **0.516 ± 0.038** | 0.506 ± 0.030 |
| LR | CC | **0.569 ± 0.040** | **0.549 ± 0.044** | 0.551 ± 0.044 | **0.548 ± 0.043** |
| | DCOR | 0.491 ± 0.034 | 0.508 ± 0.048 | 0.507 ± 0.036 | 0.499 ± 0.043 |
| | FFT | 0.534 ± 0.045 | 0.538 ± 0.041 | **0.564 ± 0.039** | 0.506 ± 0.043 |
| LRSScaler | CC | No converge | No converge | No converge | No converge |
| | DCOR | No converge | No converge | No converge | No converge |
| | FFT | **0.527 ± 0.043** | **0.539 ± 0.044** | **0.564 ± 0.040** | **0.543 ± 0.048** |
| SVC | CC | **0.525 ± 0.041** | 0.526 ± 0.039 | **0.541 ± 0.043** | **0.528 ± 0.040** |
| | DCOR | 0.474 ± 0.035 | 0.496 ± 0.045 | 0.489 ± 0.037 | 0.479 ± 0.031 |
| | FFT | 0.510 ± 0.030 | **0.532 ± 0.044** | 0.517 ± 0.033 | 0.500 ± 0.000 |
| SVCSScaler | CC | 0.532 ± 0.047 | **0.527 ± 0.042** | 0.536 ± 0.047 | 0.532 ± 0.037 |
| | DCOR | 0.478 ± 0.039 | 0.508 ± 0.044 | 0.486 ± 0.043 | 0.486 ± 0.027 |
| | FFT | **0.539 ± 0.044** | 0.524 ± 0.043 | **0.555 ± 0.043** | **0.555 ± 0.035** |

Table 1: Tabla comparativa en Balanced Accuracy

| | | PCA | PLS | mRMR | whole |
|---|---|---|---|---|---|
| KNN | CC | **0.557 ± 0.051** | 0.528 ± 0.046 | **0.531 ± 0.042** | **0.550 ± 0.048** |
| | DCOR | 0.479 ± 0.050 | 0.499 ± 0.052 | 0.487 ± 0.056 | 0.472 ± 0.054 |
| | FFT | 0.533 ± 0.048 | **0.544 ± 0.054** | 0.527 ± 0.049 | 0.528 ± 0.047 |
| KNNSScaler | CC | 0.516 ± 0.047 | **0.520 ± 0.047** | 0.534 ± 0.042 | **0.551 ± 0.053** |
| | DCOR | 0.502 ± 0.050 | 0.500 ± 0.052 | 0.486 ± 0.050 | 0.475 ± 0.047 |
| | FFT | **0.534 ± 0.047** | 0.520 ± 0.049 | **0.535 ± 0.050** | 0.546 ± 0.055 |
| LR | CC | **0.595 ± 0.045** | **0.568 ± 0.049** | 0.570 ± 0.049 | **0.572 ± 0.043** |
| | DCOR | 0.488 ± 0.040 | 0.512 ± 0.051 | 0.509 ± 0.046 | 0.501 ± 0.044 |
| | FFT | 0.553 ± 0.055 | 0.556 ± 0.053 | **0.583 ± 0.046** | 0.506 ± 0.048 |
| LRSScaler | CC | No converge | No converge | No converge | No converge |
| | DCOR | No converge | No converge | No converge | No converge |
| | FFT | **0.545 ± 0.057** | **0.559 ± 0.054** | **0.579 ± 0.049** | **0.553 ± 0.058** |
| SVC | CC | **0.536 ± 0.052** | 0.540 ± 0.046 | **0.552 ± 0.048** | **0.537 ± 0.049** |
| | DCOR | 0.465 ± 0.045 | 0.495 ± 0.055 | 0.488 ± 0.051 | 0.475 ± 0.049 |
| | FFT | 0.504 ± 0.049 | **0.554 ± 0.058** | 0.545 ± 0.051 | 0.500 ± 0.000 |
| SVCSScaler | CC | 0.547 ± 0.058 | 0.540 ± 0.051 | 0.545 ± 0.050 | 0.548 ± 0.045 |
| | DCOR | 0.474 ± 0.044 | 0.511 ± 0.051 | 0.483 ± 0.053 | 0.468 ± 0.060 |
| | FFT | **0.555 ± 0.053** | **0.542 ± 0.054** | **0.574 ± 0.050** | **0.585 ± 0.047** |

Table 2: Tabla comparativa en Area bajo la curva roc