## Resultados Experimentos DAHFI

Jose Luis Lavado

February 11, 2022

	PCA	PLS	whole	mRMR
LR	$\textbf{0.566} \pm \textbf{0.069}$	$0.554 \pm 0.077$	$0.554 \pm 0.067$	$0.566 \pm 0.061$
KNN	$0.516 \pm 0.057$	$0.505 \pm 0.059$	$0.530 \pm 0.069$	$\textbf{0.537}\pm\textbf{0.054}$
KNNSScaler	$0.519 \pm 0.046$	$\textbf{0.520}\pm\textbf{0.071}$	$0.503 \pm 0.044$	$0.484 \pm 0.041$
KNNmMScaler	$0.520 \pm 0.038$	$0.521 \pm 0.084$	$0.508 \pm 0.049$	$\textbf{0.532}\pm\textbf{0.045}$
SVC	$0.560 \pm 0.063$	$0.571 \pm 0.049$	$0.545 \pm 0.034$	$0.580\pm0.075$
SVCSScaler	$0.515 \pm 0.078$	$\textbf{0.553}\pm\textbf{0.059}$	$0.513 \pm 0.052$	$0.536 \pm 0.066$
${\rm SVCmMScaler}$	$0.556 \pm 0.070$	$0.562\pm0.095$	$0.518 \pm 0.039$	$\textbf{0.574}\pm\textbf{0.081}$

Table 1: Balanced Accuracy CC

-	PCA	PLS	whole	mRMR
LR	$\textbf{0.543}\pm\textbf{0.057}$	$0.500 \pm 0.028$	$0.539 \pm 0.055$	$0.537 \pm 0.083$
KNN	$\textbf{0.501}\pm\textbf{0.078}$	$0.501 \pm 0.052$	$0.477 \pm 0.061$	$0.498 \pm 0.086$
KNNSScaler	$\textbf{0.519}\pm\textbf{0.069}$	$0.482 \pm 0.049$	$0.490 \pm 0.067$	$0.486 \pm 0.081$
KNNmMScaler	$0.501 \pm 0.064$	$0.482 \pm 0.049$	$\textbf{0.509}\pm\textbf{0.081}$	$0.505 \pm 0.082$
SVC	$\textbf{0.533}\pm\textbf{0.076}$	$0.440 \pm 0.058$	$0.520 \pm 0.045$	$0.504 \pm 0.090$
SVCSScaler	$0.501 \pm 0.055$	$0.468 \pm 0.088$	$\textbf{0.512}\pm\textbf{0.089}$	$0.495 \pm 0.088$
${\rm SVCmMScaler}$	$0.499 \pm 0.080$	$0.481 \pm 0.066$	$\textbf{0.515}\pm\textbf{0.080}$	$0.485 \pm 0.080$

Table 2: Balanced Accuracy DCOR  $\,$ 

	PCA	PLS	whole	mRMR
LR	$0.515 \pm 0.094$	$0.566 \pm 0.066$	$0.539 \pm 0.064$	$0.598\pm0.068$
LRSScaler	$0.555 \pm 0.069$	$0.553 \pm 0.079$	$\boldsymbol{0.599\pm0.057}$	$0.580 \pm 0.072$
LRmMScaler	$0.540 \pm 0.090$	$0.545 \pm 0.096$	$0.571 \pm 0.035$	$\textbf{0.591}\pm\textbf{0.071}$
KNN	$0.502 \pm 0.048$	$\textbf{0.564}\pm\textbf{0.069}$	$0.500 \pm 0.046$	$0.534 \pm 0.047$
KNNSScaler	$0.508 \pm 0.044$	$0.523 \pm 0.049$	$0.530 \pm 0.049$	$\textbf{0.555}\pm\textbf{0.059}$
KNNmMScaler	$0.504 \pm 0.054$	$0.522 \pm 0.052$	$0.527 \pm 0.051$	$0.541\pm0.062$
SVC	$0.504 \pm 0.054$	$\textbf{0.541}\pm\textbf{0.053}$	$0.500 \pm 0.000$	$0.486 \pm 0.032$
SVCSScaler	$0.544 \pm 0.072$	$0.537 \pm 0.054$	$0.566 \pm 0.093$	$\textbf{0.595}\pm\textbf{0.084}$
${\rm SVCmMScaler}$	$0.538 \pm 0.072$	$0.559 \pm 0.090$	$0.525\pm0.076$	$\textbf{0.575}\pm\textbf{0.080}$

Table 3: Balanced Accuracy FFT