

Table 1: Performance Comparison - Testing Sample Size = 200×2 .

Algorithm	Parameters	Training Set $\times 2$											
		50			150			250			350		
		ACC.	SEN.	SPE.	ACC.	SEN.	SPE.	ACC.	SEN.	SPE.	ACC.	SEN.	SPE.
LDA	N/A	.547	.539	.554	.617	.612	.622	.639	.644	.634	.661	.670	.652
DIAG	N/A	.592	.591	.594	.635	.635	.635	.639	.639	.639	.653	.660	.645
Shrinkage(β)	.25	.593	.592	.595	.636	.638	.635	.640	.643	.637	.656	.665	.647
	.50	.594	.592	.596	.630	.630	.631	.641	.645	.636	.660	.669	.651
	.75	.592	.590	.595	.626	.624	.628	.639	.643	.635	.662	.672	.652
DAEHR(λ)	.005 * .5 ⁰	.644	.692	.578	.667	.714	.600	.662	.716	.582	.670	.722	.595
	.005 * .5 ¹	.645	.694	.577	.666	.713	.600	.662	.716	.582	.670	.722	.595
	.005 * .5 ²	.646	.697	.574	.663	.714	.590	.662	.716	.582	.670	.722	.595
	.005 * .5 ³	.646	.694	.578	.661	.712	.589	.662	.716	.582	.670	.722	.595
	.005 * .5 ⁴	.646	.696	.576	.662	.7146	.588	.662	.716	.582	.670	.722	.595

Table 2: Performance Comparison - Testing Sample Size = 1000×2 .

Algorithm	Parameters	Training Set $\times 2$											
		50			150			250			350		
		ACC.	SEN.	SPE.	ACC.	SEN.	SPE.	ACC.	SEN.	SPE.	ACC.	SEN.	SPE.
LDA	N/A	.552	.545	.558	.619	.620	.619	.644	.648	.639	.656	.663	.647
DIAG	N/A	.595	.588	.600	.624	.625	.624	.641	.642	.640	.653	.662	.644
Shrinkage(β)	.25	.596	.592	.599	.629	.631	.626	.644	.648	.641	.657	.667	.647
	.50	.594	.589	.599	.630	.633	.627	.646	.649	.642	.660	.670	.650
	.75	.590	.584	.596	.629	.632	.626	.647	.650	.643	.660	.668	.650
DAEHR(λ)	.005 * .5 ⁰	.653	.711	.566	.655	.716	.560	.666	.718	.591	.667	.720	.588
	.005 * .5 ¹	.653	.711	.566	.655	.716	.560	.666	.718	.590	.667	.720	.588
	.005 * .5 ²	.653	.712	.565	.655	.716	.560	.666	.720	.588	.666	.720	.588
	.005 * .5 ³	.652	.710	.567	.655	.716	.560	.666	.719	.588	.667	.720	.588
	.005 * .5 ⁴	.652	.710	.567	.655	.716	.560	.667	.720	.588	.667	.720	.588

Table 3: Performance Comparison - Testing Sample Size = 1000×2 .

Algorithm	Parameters	Training Set $\times 2$					
		50			250		
		ACC.	SEN.	SPE.	ACC.	SEN.	SPE.
LDA	N/A	.551	.549	.553	.639	.641	.638
LR	N/A	.614	.521	.677	.615	.501	.687
SVM	N/A	.614	.608	.619	.660	.669	.650
AB(<i>num</i>)	10	.643	.599	.679	.629	.538	.690
	50	.633	.568	.681	.633	.550	.691
DAEHR(λ)	.005 * .5 ²	.658	.695	.612	.684	.719	.638

Table 4: Performance Comparison - Testing Sample Size = 1000×2 .

Algorithm	Training Set $\times 2$					
	50			250		
	ACC.	SEN.	SPE.	ACC.	SEN.	SPE.
LDA	.551	.549	.553	.639	.641	.638
LR	.614	.521	.677	.615	.501	.687
SVM	.614	.608	.619	.660	.669	.650
AB-10	.643	.599	.679	.629	.538	.690
AB-50	.633	.568	.681	.633	.550	.691
DAEHR($\lambda = .005 * .5^2$)	.658	.695	.612	.684	.719	.638