

Extreme Learning Machine												
ALternate Dataset												
	Accuracy	MCC	AUC	Sensitivity	Specificity		Alternate	Balanced1	Balanced2	Independent1	Independent2	Main
C10	0.8875968992	0.3078896202	0.5670134743	0.9955654102	0.1384615385	C10	0.8875968992	0.6865671642	0.7412587413	0.8387096774	0.8787878788	0.9363143631
N10	0.8914728682	0.3829011816	0.6284837114	0.9800443459	0.2769230769	N10	0.8914728682	0.723880597	0.8601398601	0.935483871	0.9696969697	0.9552845528
N10C10	0.8747628083	0.256858137	0.5709765205	0.9825327511	0.1594202899	N10C10	0.8747628083	0.7248322148	0.8590604027	0.90625	0.9696969697	0.9375764994
N5C5	0.8766603416	0.3408553985	0.6274602873	0.9650655022	0.2898550725	N5C5	0.8766603416	0.7111409396	0.8523489933	0.90625	0.9696969697	0.9339045288
Balanced 1												
	Accuracy	MCC	AUC	Sensitivity	Specificity							
C10	0.6865671642	0.3738010867	0.6872345182	0.676056338	0.6984126984							
N10	0.723880597	0.4542913795	0.7269170579	0.676056338	0.7777777778							
N10C10	0.7248322148	0.4540898351	0.7259372747	0.6710526316	0.7808219178							
N5C5	0.711409396	0.4233958183	0.7116979092	0.6973684211	0.7260273973							
Balanced 2												
	Accuracy	MCC	AUC	Sensitivity	Specificity							
C10	0.7412587413	0.4694015084	0.7318797292	0.8024691358	0.6612903226							
N10	0.8601398601	0.7197219485	0.8462763839	0.950617284	0.7419354839							
N10C10	0.8590604027	0.7319845648	0.8569754867	0.9605263158	0.7534246575							
N5C5	0.8523489933	0.7202635802	0.8501261716	0.9605263158	0.7397260274							
Independent 1												
	Accuracy	MCC	AUC	Sensitivity	Specificity							
C10	0.8387096774	0.6778302011	0.8403361345	0.8235294118	0.8571428571							
N10	0.935483871	0.8697478992	0.9348739496	0.9411764706	0.9285714286							
N10C10	0.90625	0.8050112949	0.9083333333	0.9	0.9166666667							
N5C5	0.90625	0.8050112949	0.9083333333	0.9	0.9166666667							
Independent 2												
	Accuracy	MCC	AUC	Sensitivity	Specificity							
C10	0.8787878788	0.7586256129	0.8865384615	0.85	0.9230769231							
N10	0.9696969697	0.9392246042	0.975	0.95	0.998							
N10C10	0.9696969697	0.9376144619	0.9615384615	0.998442	0.9230769231							
N5C5	0.9696969697	0.9376144619	0.9615384615	0.98922	0.9230769231							
Main												
	Accuracy	MCC	AUC	Sensitivity	Specificity							
C10	0.9363143631	0.4983067724	0.6328125	1	0.265625							
N10	0.9552845528	0.6838733598	0.7846114614	0.9910979228	0.578125							
N10C10	0.9375764994	0.5876268824	0.7418809202	0.9837618403	0.5							
N5C5	0.9339045288	0.5564661119	0.7226501509	0.9837618403	0.4615384615							

ELM with Binary Profile

The bar chart displays the accuracy of four models (C10, N10, N10C10, N5C5) across six datasets. The y-axis represents Accuracy, ranging from 0.6 to 1.0. The x-axis lists the datasets: Alternate, Balanced1, Balanced2, Independent1, Independent2, and Main. The legend indicates the color coding for each model: C10 (blue), N10 (red), N10C10 (orange), and N5C5 (green).

Dataset	C10	N10	N10C10	N5C5
Alternate	0.8875968992	0.8914728682	0.8747628083	0.8766603416
Balanced1	0.6865671642	0.723880597	0.7248322148	0.711409396
Balanced2	0.7412587413	0.8601398601	0.8590604027	0.8523489933
Independent1	0.8387096774	0.935483871	0.90625	0.90625
Independent2	0.8787878788	0.9696969697	0.9696969697	0.9696969697
Main	0.9363143631	0.9552845528	0.9375764994	0.9339045288