

	T = Test Dataset								
	T-SL = Test Dataset evaluated with Severity Label								
	Me = Messidor Dataset								
	Me-SL = Messidor Dataset evaluated with Severity Label								
	Accuracy (T)	F1-score (T)	Accuracy (T-SL)	F1-score (T-SL)	Accuracy (Me)	F1-score (Me)	Accuracy (Me-SL)	F1-score (Me-SL)	
IV3-S	79.78	76.89	96	96	59.2	45.9	77.414	25.7	
IV3-M	74.18	71.792	88.93	90.53	54.81	53.23	77.23	67.34	
IV3-L	55.91	51.373	86.122	84.28	65.53	60.37	88.96	75.78	
DN121-S	83.22	82.59	97.57	97.12	61.12	51.83	82.28	50.23	
DN121-M	70.12	69.259	88.66	89.73	67.25	61.13	89.97	79.19	
DN121-L	55.418	48.76	87.37	86.94	64.45	60.07	90.026	81.81	
			Pruning Plot						
	%	0	30	50	80				
	DN121-ACC(M)	64.45	68.64	63.07	66.5				
	DN121-ACC(SL)	90.26	90.76	91.8	90.55				
	IV3-ACC(M)	65.53	40.94	59.52	58.25				
	IV3-ACC(SL)	88.96	83.64	92.303	88.49				
							0.29	Latency Plot-Float (ms/Image)	
							CPU(F)	GPU(F)	mTPU
						IV3	37.75	8.125	1581
						IV3-P50	38.25	8.5	1584
						DN121	56.75	9.125	1693
						DN121-P50	58	9.125	1685
								Energy (mJ/Image)	
							CPU(F)	GPU(F)	mTPU
						IV3	1526.89	329.54	3162
						IV3-P50	1577.08	310.728	3168
						DN121	2236.06	398.45	3386
						DN121-P50	1904.39	400.55	3390
								Quantization Scheme - Energy Plot on RRAM	
							W32	W16	W8
						IV3	1.21	0.689	0.429
						DN121	2.12	1.058	0.53