

S3 Table. Classification and test comparison of padé33-SSVM under different training sample functions.

samples	$C = 2$		$C = 4$		$C = 10$		$C = 16$		$C = 20$	
	Train	Predict	Train	Predict	Train	Predict	Train	Predict	Train	Predict
10	100	65.385	100	65	100	65.769	100	66.154	100	65.769
	0.088	0.025	0.112	0.028	0.352	0.028	0.319	0.028	0.228	0.026
30	96.667	69.167	100	67.5	100	69.583	100	69.583	100	69.583
	0.104	0.027	0.153	0.026	0.285	0.030	0.474	0.029	0.472	0.036
50	96	75.909	96	74.546	96	74.546	98	75	98	74.091
	0.133	0.016	0.142	0.025	0.197	0.023	0.223	0.033	0.376	0.023
70	88.571	79.5	88.571	79	92.857	77	91.429	76.5	91.429	77.5
	0.127	0.028	0.105	0.016	0.166	0.027	0.218	0.017	0.246	0.026
90	88.889	81.111	90	80.556	90	78.889	90	78.333	90	78.889
	0.127	0.014	0.162	0.021	0.227	0.033	0.179	0.027	0.266	0.033
130	85.385	82.143	85.385	82.143	86.154	82.143	86.154	81.429	86.154	81.429
	0.203	0.020	0.219	0.034	0.297	0.032	0.237	0.026	0.417	0.023
150	86	82.5	86.667	82.5	86.667	82.5	85.333	81.667	85.333	81.833
	0.251	0.021	0.291	0.013	0.316	0.017	0.355	0.013	0.418	0.017
210	88.095	83.333	87.619	83.333	88.095	81.667	88.095	81.667	87.619	81.667
	0.370	0.013	0.448	0.009	0.483	0.014	0.471	0.017	0.528	0.022
240	86.667	86.667	86.667	86.667	86.25	86.667	86.25	86.667	86.25	86.667
	0.490	0.010	0.686	0.017	0.678	0.031	0.869	0.014	1.046	0.017