

Dataset	Regularized LS	Regularized ELM		PLN						
	λ_{ls}	λ_{elm}	n_{elm}	λ_{ls}	μ	k_{max}	α	n_{max}	η_n	η_l
Vowel	10^2	10^2	2000	10^2	10^3	100	2	1000	0.005	0.1
Extended YaleB	10^4	10^7	3000	10^4	10^3	100	2	1000	0.005	0.1
AR	10^5	10^7	3000	10^5	10^1	100	2	1000	0.005	0.1
Satimage	10^6	10^2	2500	10^6	10^5	100	2	1000	0.005	0.1
Scene15	10^{-3}	1	4000	10^{-3}	10^1	100	2	1000	0.005	0.1
Caltech101	5	10^2	4000	5	10^{-2}	100	2	1000	0.005	0.1
Letter	10^{-5}	10	6000	10^{-5}	10^4	100	2	1000	0.005	0.1
NORB	10^2	10^3	4000	10^2	10^2	100	2	1000	0.005	0.1
Shuttle	10^5	10^2	1000	10^5	10^4	100	2	1000	0.005	0.1
MNIST	1	10^{-1}	4000	1	10^5	100	2	1000	0.005	0.1
← Careful tuning of parameters →						← Not so careful tuning of parameters →				