

Table 1: Results on the binary task

Expt id	Kernel	Gamma	Coef0	Degree	Total_sv	Training Acc	Test Acc	Test Acc from Q2
1	Linear	-	-	-	535	99.7222%	95%	95%
2	Polynomial	1	0	2	792	99.7222%	92%	92%
3	Polynomial	0.1	0.5	2	775	99.7222%	96.5%	96.5%
4	RBF	0.5	-	-	1798	99.7222%	50%	50%
5	Sigmoid	0.5	-0.2	-	1214	53.6667%	40.5%	40.5%