Data Size	data set	DWPSVM	SQSSVM	QLSSVM	SVM	SVM-Gauss	SVM-Quad	QLSTSVM
		C	C	C	C	(C, γ)	(C, r)	(C_1, C_2)
Small	Wine	3	64	1024	8	(32, 0.077)	(16, 0.010)	(1.5, 1.0625)
	Glass	1024	2048	1024	2	(8, 0.111)	(768, 0.021)	(1.0625, 5)
	Liver Disorders	2048	16384	2048	64	(256, 0.333)	(4096,0.25)	(0.25, 0.25)
	Wholesale	8192	16384	8192	16	(256, 0.143)	(8192, 0.045)	(0.11875, 0.26875)
	Tax Payer	1	96	512	0.0625	(0.5, 0.111)	(0.75, 0.014)	(0.25, 0.1875)
Medium	SVMguide3	4096	262144	8192	2048	(8192, 0.048)	(10240, 0.238)	(3, 0.5)
	Brain Tumor	65536	512	1024	128	(64, 0.059)	(128, 0.015)	(0.25, 0.125)
	Car Evaluation	32768	131072	2096	1	(1024, 0.167)	(1024, 0.667)	(0.5, 0.5)
Large	Cardiotocography	16384	1024	4096	12	(4096, 0.095)	(24576, 0.048)	(0.25, 0.25)
	Abalone	1048576	2048	4096	64	(3072, 0.25)	(65536, 0.125)	(0.5, 0.5)
	SVMguide1	16384	1024	8192	12	(4096, 0.095)	(12288, 0.1875)	(0.25, 0.25)

Table B.19: Medians of parameters for Public benchmark data sets.