

Table 1: Feasible class proportions Δp^* , according to $\|\mathbf{d}\|_\infty \cdot \|\ell_h\|_1$ certificates, which are computed for a ZeroOneLoss (weight=uniform) with $\epsilon = 0.1$ and $\delta = 0.05$.

data set	classifier	$L_S(h)$	\mathbf{p}_S^\top	Δp^*
optdigits	DecisionTreeClassifier	0.106151	[0.7, 0.2, 0.1]	0.160732
optdigits	LogisticRegression	0.09636	[0.7, 0.2, 0.1]	0.18819
satimage	DecisionTreeClassifier	0.112156	[0.58, 0.31, 0.11]	0.215679
satimage	LogisticRegression	0.110286	[0.58, 0.31, 0.11]	0.2003
pendigits	DecisionTreeClassifier	0.052064	[0.7, 0.2, 0.1]	0.311216
pendigits	LogisticRegression	0.159193	[0.7, 0.2, 0.1]	0.134747
eye movements	DecisionTreeClassifier	0.495935	[0.35, 0.26, 0.39]	0.063892
eye movements	LogisticRegression	0.51824	[0.35, 0.26, 0.39]	0.060559
shuttle	DecisionTreeClassifier	0.005633	[0.15, 0.79, 0.06]	1.19079
shuttle	LogisticRegression	0.060353	[0.15, 0.79, 0.06]	0.235586
connect4	DecisionTreeClassifier	0.304213	[0.66, 0.1, 0.25]	0.06911
connect4	LogisticRegression	0.343149	[0.66, 0.1, 0.25]	0.049098