Table 1: MAD and quartiles of the absolute difference between $\hat{L}_S + \epsilon$ and $\hat{L}_\mathcal{T} + \epsilon_\mathcal{T}$ (MLPClassifier, ZeroOneLoss and $\delta = 0.05$)

dataset	method	MAD	Q_1	Q_2	Q_3
factimbalanced	BinaryCertificate	0.0027 ± 0.0021	0.0007	0.0025	0.0041
factimbalanced	$\|\mathbf{d}_+\|_1 \cdot \|\boldsymbol{\ell}_h\|_\infty$	0.0045 ± 0.0036	0.0005	0.0046	0.0075
factimbalanced	$\|\mathbf{d}_+\|_2 \cdot \|\boldsymbol{\ell}_h\|_2$	0.0388 ± 0.0242	0.0199	0.0409	0.0585
factimbalanced	$\|\mathbf{d}_+\|_\infty \cdot \|\boldsymbol{\ell}_h\|_1$	0.0046 ± 0.0038	0.0005	0.0046	0.0076
factbalanced	BinaryCertificate	0.0632 ± 0.0782	0.0031	0.0185	0.1127
factbalanced	$\|\mathbf{d}_+\|_1 \cdot \|\boldsymbol{\ell}_h\|_\infty$	0.0837 ± 0.068	0.0307	0.0604	0.1351
factbalanced	$\|\mathbf{d}_+\|_2 \cdot \|\boldsymbol{\ell}_h\|_2$	0.1285 ± 0.1058	0.0476	0.1004	0.1745
factbalanced	$\|\mathbf{d}_+\|_\infty \cdot \|\boldsymbol{\ell}_h\|_1$	0.1088 ± 0.0775	0.0482	0.0983	0.1686
optdigitsBinary	BinaryCertificate	0.014 ± 0.0086	0.0071	0.0146	0.0205
optdigitsBinary	$\|\mathbf{d}_+\|_1 \cdot \|\boldsymbol{\ell}_h\|_\infty$	0.0232 ± 0.0131	0.0129	0.0239	0.0331
optdigitsBinary	$\|\mathbf{d}_+\|_2 \cdot \|\boldsymbol{\ell}_h\|_2$	0.0453 ± 0.023	0.026	0.0486	0.0639
optdigitsBinary	$\|\mathbf{d}_+\|_\infty \cdot \|\boldsymbol{\ell}_h\|_1$	0.025 ± 0.0135	0.0136	0.0256	0.036
satimageBinary	BinaryCertificate	0.0092 ± 0.0079	0.0029	0.008	0.0135
satimageBinary	$\|\mathbf{d}_+\|_1 \cdot \|\boldsymbol{\ell}_h\|_\infty$	0.0128 ± 0.0104	0.0056	0.0109	0.0163
satimageBinary	$\|\mathbf{d}_+\|_2 \cdot \|\boldsymbol{\ell}_h\|_2$	0.0268 ± 0.022	0.0117	0.0202	0.0372
satimageBinary	$\|\mathbf{d}_+\|_\infty \cdot \|\boldsymbol{\ell}_h\|_1$	0.0116 ± 0.0098	0.0042	0.0094	0.016
pendigitsBinary	BinaryCertificate	0.0081 ± 0.0045	0.0045	0.0076	0.0115
pendigitsBinary	$\|\mathbf{d}_+\|_1 \cdot \|\boldsymbol{\ell}_h\|_\infty$	0.013 ± 0.0066	0.0079	0.0132	0.0183
pendigitsBinary	$\|\mathbf{d}_+\|_2 \cdot \|\boldsymbol{\ell}_h\|_2$	0.0381 ± 0.0187	0.0214	0.044	0.0535
pendigitsBinary	$\|\mathbf{d}_+\|_\infty \cdot \|\boldsymbol{\ell}_h\|_1$	0.0141 ± 0.007	0.0086	0.0149	0.0199
coil2000	BinaryCertificate	0.0143 ± 0.0121	0.0053	0.0094	0.0227
coil2000	$\|\mathbf{d}_+\|_1 \cdot \|\boldsymbol{\ell}_h\|_\infty$	0.0162 ± 0.0137	0.0055	0.0128	0.0255
coil2000	$\|\mathbf{d}_+\|_2 \cdot \|\boldsymbol{\ell}_h\|_2$	0.0322 ± 0.0271	0.0096	0.028	0.0468
coil2000	$\|\mathbf{d}_+\|_\infty \cdot \|\boldsymbol{\ell}_h\|_1$	0.0198 ± 0.0168	0.0064	0.0155	0.0299
letterimg	BinaryCertificate	0.0063 ± 0.0075	0.0018	0.0033	0.0078
letterimg	$\|\mathbf{d}_+\|_1 \cdot \|\boldsymbol{\ell}_h\|_\infty$	0.0078 ± 0.0093	0.0015	0.0038	0.0109
letterimg	$\|\mathbf{d}_+\|_2 \cdot \|\boldsymbol{\ell}_h\|_2$	0.0274 ± 0.0265	0.0058	0.0172	0.0421
letterimg	$\|\mathbf{d}_+\|_\infty \cdot \|\boldsymbol{\ell}_h\|_1$	0.0096 ± 0.01	0.0022	0.0054	0.0135