Table 1: MAD and quartiles of the absolute difference between $\hat{L}_S + \epsilon$ and $\hat{L}_T + \epsilon_T$ (DecisionTreeClassifier, ZeroOneLoss (weight=uniform) and $\delta = 0.05$)

$\begin{array}{c ccccccccccccccccccccccccccccccccccc$						
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	data set	method	MAD	Q_1	Q_2	Q_3
optdigits $\ \mathbf{d}\ _2 \cdot \ \boldsymbol{\ell}_h\ _2 = 0.2306 \pm 0.2306 = 0.1368 = 0.2351 = 0.3197$ optdigits $\ \mathbf{d}_+\ _2 \cdot \ \boldsymbol{\ell}_h\ _2 = 0.138 \pm 0.138 = 0.0829 = 0.131 = 0.1867$ optdigits $\ \mathbf{d}\ _1 \cdot \ \boldsymbol{\ell}_h\ _\infty = 0.2939 \pm 0.2939 = 0.172 = 0.3019 = 0.4091$ optdigits $\ \mathbf{d}\ _1 \cdot \ \boldsymbol{\ell}_h\ _\infty = 0.1254 \pm 0.1254 = 0.0799 = 0.1249 = 0.1679$ satimage $\ \mathbf{d}\ _\infty \cdot \ \boldsymbol{\ell}_h\ _1 = 0.1755 \pm 0.1755 = 0.1138 = 0.1702 = 0.2263$ satimage $\ \mathbf{d}\ _\infty \cdot \ \boldsymbol{\ell}_h\ _1 = 0.1724 \pm 0.1724 = 0.103 = 0.1563 = 0.2305$ satimage $\ \mathbf{d}\ _2 \cdot \ \boldsymbol{\ell}_h\ _2 = 0.2013 \pm 0.2013 = 0.1318 = 0.1954 = 0.2647$ satimage $\ \mathbf{d}\ _2 \cdot \ \boldsymbol{\ell}_h\ _2 = 0.1482 \pm 0.1482 = 0.0924 = 0.1352 = 0.191$ satimage $\ \mathbf{d}\ _1 \cdot \ \boldsymbol{\ell}_h\ _\infty = 0.2665 \pm 0.2665 = 0.1751 = 0.2585 = 0.3464$ satimage $\ \mathbf{d}\ _1 \cdot \ \boldsymbol{\ell}_h\ _\infty = 0.1228 \pm 0.1228 = 0.0775 = 0.1178 = 0.1579$ pendigits $\ \mathbf{d}\ _1 \cdot \ \boldsymbol{\ell}_h\ _1 = 0.1251 \pm 0.1251 = 0.0742 = 0.1273 = 0.1722$ pendigits $\ \mathbf{d}\ _1 \cdot \ \boldsymbol{\ell}_h\ _1 = 0.1666 \pm 0.1066 = 0.059 = 0.098 = 0.1498$ pendigits $\ \mathbf{d}\ _2 \cdot \ \boldsymbol{\ell}_h\ _2 = 0.1138 \pm 0.1138 = 0.0667 = 0.1082 = 0.1546$ pendigits $\ \mathbf{d}\ _1 \cdot \ \boldsymbol{\ell}_h\ _\infty = 0.1855 \pm 0.1855 = 0.1055 = 0.191 = 0.2606$ pendigits $\ \mathbf{d}\ _1 \cdot \ \boldsymbol{\ell}_h\ _\infty = 0.1855 \pm 0.1855 = 0.1055 = 0.191 = 0.2606$ pendigits $\ \mathbf{d}\ _1 \cdot \ \boldsymbol{\ell}_h\ _1 = 0.5375 \pm 0.5025 = 0.2899 = 0.4841 = 0.6971$ eyemovements $\ \mathbf{d}\ _2 \cdot \ \boldsymbol{\ell}_h\ _1 = 0.5025 \pm 0.5025 = 0.2899 = 0.4841 = 0.6971$ eyemovements $\ \mathbf{d}\ _2 \cdot \ \boldsymbol{\ell}_h\ _2 = 0.4683 \pm 0.4683 = 0.32 = 0.4656 = 0.6114$ eyemovements $\ \mathbf{d}\ _1 \cdot \ \boldsymbol{\ell}_h\ _\infty = 0.4329 \pm 0.4329 = 0.2868 = 0.4223 = 0.5694$ eyemovements $\ \mathbf{d}\ _1 \cdot \ \boldsymbol{\ell}_h\ _2 = 0.4683 \pm 0.4683 = 0.320 = 0.0667 = 0.2792$ shuttle $\ \mathbf{d}\ _1 \cdot \ \boldsymbol{\ell}_h\ _2 = 0.1434 \pm 0.144 = 0.084 = 0.0379 = 0.0492$ shuttle $\ \mathbf{d}\ _1 \cdot \ \boldsymbol{\ell}_h\ _2 = 0.0963 \pm 0.0963 = 0.0563 = 0.1029 = 0.1346$ shuttle $\ \mathbf{d}\ _1 \cdot \ \boldsymbol{\ell}_h\ _2 = 0.0963 \pm 0.0963 = 0.0563 = 0.1029 = 0.1346$ shuttle $\ \mathbf{d}\ _1 \cdot \ \boldsymbol{\ell}_h\ _2 = 0.0963 \pm 0.0963 = 0.0563 = 0.1029 = 0.1346$ shuttle $\ \mathbf{d}\ _1 \cdot \ \boldsymbol{\ell}_h\ _2 = 0.04673 \pm 0.0753 = 0.0753 = 0.0487 = 0.0525 = 0.3853$ connect4 $\ \mathbf{d}\ _1 \cdot \ \boldsymbol{\ell}_h\ $	optdigits	$\ \mathbf{d}\ _{\infty}\cdot\ \boldsymbol{\ell}_h\ _1$	0.2193 ± 0.2193	0.1325	0.2217	0.301
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	optdigits	$\ \mathbf{d}_+\ _{\infty}\cdot\ \boldsymbol{\ell}_h\ _1$	0.1967 ± 0.1967	0.11	0.1812	0.2752
optdigits $\ \mathbf{d}\ _1 \cdot \ \ell_h\ _{\infty}$ 0.2939 ± 0.2939 0.172 0.3019 0.4091 optdigits $\ \mathbf{d}\ _1 \cdot \ \ell_h\ _{\infty}$ 0.1254 ± 0.1254 0.0799 0.1249 0.1679 satimage $\ \mathbf{d}\ _{\infty} \cdot \ \ell_h\ _1$ 0.1755 ± 0.1755 0.1138 0.1702 0.2263 satimage $\ \mathbf{d}\ _2 \cdot \ \ell_h\ _1$ 0.1724 ± 0.1724 0.103 0.1563 0.2305 satimage $\ \mathbf{d}\ _2 \cdot \ \ell_h\ _2$ 0.2013 ± 0.2013 0.1318 0.1954 0.2647 satimage $\ \mathbf{d}\ _2 \cdot \ \ell_h\ _2$ 0.2013 ± 0.2013 0.1318 0.1954 0.2647 satimage $\ \mathbf{d}\ _1 \cdot \ \ell_h\ _{\infty}$ 0.1482 ± 0.1482 0.0924 0.1352 0.191 satimage $\ \mathbf{d}\ _1 \cdot \ \ell_h\ _{\infty}$ 0.2665 ± 0.2665 0.1751 0.2585 0.3464 satimage $\ \mathbf{d}\ _1 \cdot \ \ell_h\ _{\infty}$ 0.1228 ± 0.1228 0.0775 0.1178 0.1579 pendigits $\ \mathbf{d}\ _1 \cdot \ \ell_h\ _{\infty}$ 0.1228 ± 0.1228 0.0775 0.1178 0.1579 pendigits $\ \mathbf{d}\ _{\infty} \cdot \ \ell_h\ _1$ 0.1066 ± 0.1066 0.059 0.098 0.1498 pendigits $\ \mathbf{d}\ _2 \cdot \ \ell_h\ _2$ 0.1684 ± 0.1684 0.0956 0.174 0.2369 pendigits $\ \mathbf{d}\ _1 \cdot \ \ell_h\ _{\infty}$ 0.1855 ± 0.1855 0.1055 0.191 0.2606 pendigits $\ \mathbf{d}\ _1 \cdot \ \ell_h\ _{\infty}$ 0.1855 ± 0.1855 0.1055 0.191 0.2606 pendigits $\ \mathbf{d}\ _1 \cdot \ \ell_h\ _{\infty}$ 0.0805 ± 0.0805 0.0499 0.0812 0.1092 eyemovements $\ \mathbf{d}\ _{\infty} \cdot \ \ell_h\ _1$ 0.5371 ± 0.5371 0.3553 0.5238 0.7088 eyemovements $\ \mathbf{d}\ _1 \cdot \ \ell_h\ _{\infty}$ 0.3468 ± 0.348 0.32 0.4656 0.6114 eyemovements $\ \mathbf{d}\ _1 \cdot \ \ell_h\ _{\infty}$ 0.4683 ± 0.4683 0.32 0.4656 0.6114 eyemovements $\ \mathbf{d}\ _1 \cdot \ \ell_h\ _{\infty}$ 0.4329 ± 0.4329 0.2868 0.4223 0.5694 eyemovements $\ \mathbf{d}\ _1 \cdot \ \ell_h\ _{\infty}$ 0.2116 ± 0.2116 0.1354 0.2067 0.2792 shuttle $\ \mathbf{d}\ _1 \cdot \ \ell_h\ _{\infty}$ 0.2116 ± 0.2116 0.1354 0.2067 0.2792 shuttle $\ \mathbf{d}\ _1 \cdot \ \ell_h\ _{\infty}$ 0.0336 ± 0.0963 0.0563 0.1029 0.1346 shuttle $\ \mathbf{d}\ _1 \cdot \ \ell_h\ _{\infty}$ 0.0336 ± 0.0963 0.0563 0.1029 0.1346 shuttle $\ \mathbf{d}\ _1 \cdot \ \ell_h\ _{\infty}$ 0.0338 ± 0.0338 0.0192 0.037 0.0482 connect4 $\ \mathbf{d}\ _1 \cdot \ \ell_h\ _{\infty}$ 0.0338 ± 0.0338 0.0192 0.037 0.0482 connect4 $\ \mathbf{d}\ _1 \cdot \ \ell_h\ _{\infty}$ 0.04673 ± 0.4673 0.2969 0.4646 0.6246 connect4 $\ \mathbf{d}\ _1 \cdot \ \ell_h\ _{\infty}$ 0.2887 ± 0.2887 0.1792 0.2652 0.3853 connect4 $\ \mathbf{d}\ _1 \cdot \ \ell_h\ _{\infty}$ 0.5658 ± 0.5658 0.3663 0.5758 0.7688	optdigits	$\ \mathbf{d}\ _2 \cdot \ \boldsymbol{\ell}_h\ _2$	0.2306 ± 0.2306	0.1368	0.2351	0.3197
optdigits $\ \mathbf{d}_{\parallel}\ \cdot \ \boldsymbol{\ell}_{h}\ _{\infty}$ 0.1254 ± 0.1254 0.0799 0.1249 0.1679 satimage $\ \mathbf{d}_{\parallel \infty} \cdot \ \boldsymbol{\ell}_{h}\ _{1}$ 0.1755 ± 0.1755 0.1138 0.1702 0.2263 satimage $\ \mathbf{d}_{\parallel \parallel \perp} \cdot \ \boldsymbol{\ell}_{h}\ _{1}$ 0.1724 ± 0.1724 0.103 0.1563 0.2305 satimage $\ \mathbf{d}_{\parallel \parallel 2} \cdot \ \boldsymbol{\ell}_{h}\ _{1}$ 0.2013 ± 0.2013 0.1318 0.1954 0.2647 satimage $\ \mathbf{d}_{\parallel 2} \cdot \ \boldsymbol{\ell}_{h}\ _{2}$ 0.1482 ± 0.1482 0.0924 0.1352 0.191 satimage $\ \mathbf{d}_{\parallel 1} \cdot \ \boldsymbol{\ell}_{h}\ _{\infty}$ 0.2665 ± 0.2665 0.1751 0.2585 0.3464 satimage $\ \mathbf{d}_{\parallel 1} \cdot \ \boldsymbol{\ell}_{h}\ _{\infty}$ 0.1228 ± 0.1228 0.0775 0.1178 0.1579 pendigits $\ \mathbf{d}_{\parallel \infty} \cdot \ \boldsymbol{\ell}_{h}\ _{1}$ 0.1251 ± 0.1251 0.0742 0.1273 0.1722 pendigits $\ \mathbf{d}_{\parallel \infty} \cdot \ \boldsymbol{\ell}_{h}\ _{1}$ 0.1266 ± 0.1666 0.059 0.098 0.1498 pendigits $\ \mathbf{d}_{\parallel 2} \cdot \ \boldsymbol{\ell}_{h}\ _{2}$ 0.1684 ± 0.1684 0.0956 0.174 0.2369 pendigits $\ \mathbf{d}_{\parallel 1} \cdot \ \boldsymbol{\ell}_{h}\ _{\infty}$ 0.1855 ± 0.1855 0.1055 0.191 0.2606 pendigits $\ \mathbf{d}_{\parallel 1} \cdot \ \boldsymbol{\ell}_{h}\ _{\infty}$ 0.1855 ± 0.1855 0.1055 0.191 0.2606 pendigits $\ \mathbf{d}_{\parallel 1} \cdot \ \boldsymbol{\ell}_{h}\ _{\infty}$ 0.0805 ± 0.0805 0.0499 0.0812 0.1092 eyemovements $\ \mathbf{d}_{\parallel 2} \cdot \ \boldsymbol{\ell}_{h}\ _{1}$ 0.5371 ± 0.5371 0.3553 0.5238 0.7088 eyemovements $\ \mathbf{d}_{\parallel 2} \cdot \ \boldsymbol{\ell}_{h}\ _{1}$ 0.5025 ± 0.5025 0.2899 0.4841 0.6971 eyemovements $\ \mathbf{d}_{\parallel 2} \cdot \ \boldsymbol{\ell}_{h}\ _{2}$ 0.344 ± 0.344 0.2114 0.3288 0.4698 eyemovements $\ \mathbf{d}_{\parallel 2} \cdot \ \boldsymbol{\ell}_{h}\ _{2}$ 0.344 ± 0.344 0.2114 0.3288 0.4698 eyemovements $\ \mathbf{d}_{\parallel 2} \cdot \ \boldsymbol{\ell}_{h}\ _{2}$ 0.344 ± 0.344 0.2114 0.3288 0.4698 eyemovements $\ \mathbf{d}_{\parallel 2} \cdot \ \boldsymbol{\ell}_{h}\ _{2}$ 0.346 ± 0.0346 0.0196 0.0379 0.0492 shuttle $\ \mathbf{d}_{\parallel 2} \cdot \ \boldsymbol{\ell}_{h}\ _{2}$ 0.0963 ± 0.0963 0.0563 0.1029 0.1346 shuttle $\ \mathbf{d}_{\parallel 2} \cdot \ \boldsymbol{\ell}_{h}\ _{2}$ 0.0963 ± 0.0963 0.0563 0.1029 0.1346 shuttle $\ \mathbf{d}_{\parallel 1} \cdot \ \boldsymbol{\ell}_{h}\ _{\infty}$ 0.0738 ± 0.0753 0.0437 0.0838 0.1076 shuttle $\ \mathbf{d}_{\parallel 1} \cdot \ \boldsymbol{\ell}_{h}\ _{\infty}$ 0.0738 ± 0.0753 0.0437 0.0482 connect4 $\ \mathbf{d}_{\parallel 1} \cdot \ \boldsymbol{\ell}_{h}\ _{\infty}$ 0.06658 ± 0.5658 0.3663 0.5758 0.565	optdigits	$\ \mathbf{d}_+\ _2\cdot\ oldsymbol{\ell}_h\ _2$	0.138 ± 0.138	0.0829	0.131	0.1867
$\begin{array}{c} \text{satimage} \\ satimag$	optdigits	$\ \mathbf{d}\ _1 \cdot \ \boldsymbol{\ell}_h\ _{\infty}$	0.2939 ± 0.2939	0.172	0.3019	0.4091
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	optdigits	$\ \mathbf{d}_+\ _1 \cdot \ \boldsymbol{\ell}_h\ _{\infty}$	0.1254 ± 0.1254	0.0799	0.1249	0.1679
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	satimage	$\ \mathbf{d}\ _{\infty} \cdot \ \boldsymbol{\ell}_h\ _1$	0.1755 ± 0.1755	0.1138	0.1702	0.2263
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	satimage	$\ \mathbf{d}_+\ _{\infty}\cdot\ \boldsymbol{\ell}_h\ _1$	0.1724 ± 0.1724	0.103	0.1563	0.2305
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	satimage		0.2013 ± 0.2013	0.1318	0.1954	0.2647
pendigits $\ \mathbf{d}_{+}\ _{1} \cdot \ \boldsymbol{\ell}_{h}\ _{\infty}$ 0.1228 ± 0.1228 0.0775 0.1178 0.1579 pendigits $\ \mathbf{d}_{\parallel \infty} \cdot \ \boldsymbol{\ell}_{h}\ _{1}$ 0.1251 ± 0.1251 0.0742 0.1273 0.1722 pendigits $\ \mathbf{d}_{+}\ _{\infty} \cdot \ \boldsymbol{\ell}_{h}\ _{1}$ 0.1066 ± 0.1066 0.059 0.098 0.1498 pendigits $\ \mathbf{d}_{+}\ _{\infty} \cdot \ \boldsymbol{\ell}_{h}\ _{2}$ 0.1684 ± 0.1684 0.0956 0.174 0.2369 pendigits $\ \mathbf{d}_{+}\ _{1} \cdot \ \boldsymbol{\ell}_{h}\ _{2}$ 0.1138 ± 0.1138 0.0667 0.1082 0.1546 pendigits $\ \mathbf{d}_{+}\ _{1} \cdot \ \boldsymbol{\ell}_{h}\ _{\infty}$ 0.1855 ± 0.1855 0.1055 0.191 0.2606 pendigits $\ \mathbf{d}_{+}\ _{1} \cdot \ \boldsymbol{\ell}_{h}\ _{\infty}$ 0.805 ± 0.805 0.0499 0.0812 0.1092 eyemovements $\ \mathbf{d}_{+}\ _{1} \cdot \ \boldsymbol{\ell}_{h}\ _{1}$ 0.5025 ± 0.5025 0.2899 0.4841 0.6971 eyemovements $\ \mathbf{d}_{+}\ _{2} \cdot \ \boldsymbol{\ell}_{h}\ _{2}$ 0.4683 ± 0.4683 0.32 0.4656 0.6114 eyemovements $\ \mathbf{d}_{+}\ _{1} \cdot \ \boldsymbol{\ell}_{h}\ _{\infty}$ 0.4329 ± 0.4329 0.2868 0.4223 0.5694 eyemovements $\ \mathbf{d}_{+}\ _{1} \cdot \ \boldsymbol{\ell}_{h}\ _{\infty}$ 0.344 ± 0.344 0.2114 0.3288 0.4698 eyemovements $\ \mathbf{d}_{+}\ _{1} \cdot \ \boldsymbol{\ell}_{h}\ _{\infty}$ 0.2116 ± 0.2116 0.1354 0.2067 0.2792 shuttle $\ \mathbf{d}_{+}\ _{1} \cdot \ \boldsymbol{\ell}_{h}\ _{1}$ 0.0346 ± 0.0346 0.0196 0.0379 0.0492 shuttle $\ \mathbf{d}_{+}\ _{2} \cdot \ \boldsymbol{\ell}_{h}\ _{2}$ 0.1434 ± 0.1434 0.084 0.1587 0.202 shuttle $\ \mathbf{d}_{+}\ _{2} \cdot \ \boldsymbol{\ell}_{h}\ _{2}$ 0.0963 ± 0.0963 0.0563 0.1029 0.1346 shuttle $\ \mathbf{d}_{+}\ _{1} \cdot \ \boldsymbol{\ell}_{h}\ _{\infty}$ 0.0753 ± 0.0753 0.0437 0.0838 0.1076 shuttle $\ \mathbf{d}_{+}\ _{1} \cdot \ \boldsymbol{\ell}_{h}\ _{\infty}$ 0.0338 ± 0.0338 0.0192 0.037 0.0482 connect4 $\ \mathbf{d}_{+}\ _{1} \cdot \ \boldsymbol{\ell}_{h}\ _{1}$ 0.4602 ± 0.4602 0.3039 0.4645 0.6199 connect4 $\ \mathbf{d}_{+}\ _{1} \cdot \ \boldsymbol{\ell}_{h}\ _{2}$ 0.4673 ± 0.4673 0.2969 0.4646 0.6246 connect4 $\ \mathbf{d}_{+}\ _{2} \cdot \ \boldsymbol{\ell}_{h}\ _{2}$ 0.2887 ± 0.2887 0.1792 0.2652 0.3853 connect4 $\ \mathbf{d}_{+}\ _{1} \cdot \ \boldsymbol{\ell}_{h}\ _{2}$ 0.5658 ± 0.5658 0.3663 0.5758 0.7688	satimage	$\ \mathbf{d}_+\ _2 \cdot \ \boldsymbol{\ell}_h\ _2$	0.1482 ± 0.1482	0.0924	0.1352	0.191
pendigits $\ \mathbf{d}\ _{\infty} \cdot \ \ell_h\ _1$ 0.1251 ± 0.1251 0.0742 0.1273 0.1722 pendigits $\ \mathbf{d}_+\ _{\infty} \cdot \ \ell_h\ _1$ 0.1066 ± 0.1066 0.059 0.098 0.1498 pendigits $\ \mathbf{d}\ _2 \cdot \ \ell_h\ _2$ 0.1684 ± 0.1684 0.0956 0.174 0.2369 pendigits $\ \mathbf{d}\ _1 \cdot \ \ell_h\ _2$ 0.1138 ± 0.1138 0.0667 0.1082 0.1546 pendigits $\ \mathbf{d}\ _1 \cdot \ \ell_h\ _{\infty}$ 0.1855 ± 0.1855 0.1055 0.191 0.2606 pendigits $\ \mathbf{d}\ _1 \cdot \ \ell_h\ _{\infty}$ 0.0805 ± 0.0805 0.0499 0.0812 0.1092 eyemovements $\ \mathbf{d}\ _{\infty} \cdot \ \ell_h\ _1$ 0.5371 ± 0.5371 0.3553 0.5238 0.7088 eyemovements $\ \mathbf{d}\ _{\infty} \cdot \ \ell_h\ _1$ 0.5025 ± 0.5025 0.2899 0.4841 0.6971 eyemovements $\ \mathbf{d}\ _1 \cdot \ \ell_h\ _2$ 0.4683 ± 0.4683 0.32 0.4656 0.6114 eyemovements $\ \mathbf{d}\ _1 \cdot \ \ell_h\ _2$ 0.344 ± 0.344 0.2114 0.3288 0.4698 eyemovements $\ \mathbf{d}\ _1 \cdot \ \ell_h\ _{\infty}$ 0.4329 ± 0.4329 0.2868 0.4223 0.5694 eyemovements $\ \mathbf{d}\ _1 \cdot \ \ell_h\ _{\infty}$ 0.2116 ± 0.2116 0.1354 0.2067 0.2792 shuttle $\ \mathbf{d}\ _{\infty} \cdot \ \ell_h\ _1$ 0.0346 ± 0.0346 0.0196 0.0379 0.0492 shuttle $\ \mathbf{d}\ _2 \cdot \ \ell_h\ _1$ 0.0291 ± 0.0291 0.0153 0.0281 0.0422 shuttle $\ \mathbf{d}\ _1 \cdot \ \ell_h\ _2$ 0.1434 ± 0.1434 0.084 0.1587 0.202 shuttle $\ \mathbf{d}\ _1 \cdot \ \ell_h\ _2$ 0.0963 ± 0.0963 0.0563 0.1029 0.1346 shuttle $\ \mathbf{d}\ _1 \cdot \ \ell_h\ _{\infty}$ 0.0753 ± 0.0753 0.0437 0.0838 0.1076 shuttle $\ \mathbf{d}\ _1 \cdot \ \ell_h\ _{\infty}$ 0.0338 ± 0.0338 0.0192 0.037 0.0482 connect4 $\ \mathbf{d}\ _1 \cdot \ \ell_h\ _1$ 0.4602 ± 0.4602 0.3039 0.4645 0.6199 connect4 $\ \mathbf{d}\ _{\infty} \cdot \ \ell_h\ _1$ 0.4017 ± 0.4017 0.2281 0.3725 0.552 connect4 $\ \mathbf{d}\ _1 \cdot \ \ell_h\ _2$ 0.2887 ± 0.2887 0.2863 0.3663 0.5758 0.7688	satimage	$\ \mathbf{d}\ _1 \cdot \ \boldsymbol{\ell}_h\ _{\infty}$	0.2665 ± 0.2665	0.1751	0.2585	0.3464
$\begin{array}{llllllllllllllllllllllllllllllllllll$	satimage	$\ \mathbf{d}_+\ _1\cdot\ \boldsymbol{\ell}_h\ _\infty$	0.1228 ± 0.1228	0.0775	0.1178	0.1579
pendigits $\ \mathbf{d}\ _2 \cdot \ \boldsymbol{\ell}_h\ _2$ 0.1684 ± 0.1684 0.0956 0.174 0.2369 pendigits $\ \mathbf{d}_+\ _2 \cdot \ \boldsymbol{\ell}_h\ _2$ 0.1138 ± 0.1138 0.0667 0.1082 0.1546 pendigits $\ \mathbf{d}\ _1 \cdot \ \boldsymbol{\ell}_h\ _\infty$ 0.1855 ± 0.1855 0.1055 0.191 0.2606 pendigits $\ \mathbf{d}\ _1 \cdot \ \boldsymbol{\ell}_h\ _\infty$ 0.0805 ± 0.0805 0.0499 0.0812 0.1092 eyemovements $\ \mathbf{d}\ _\infty \cdot \ \boldsymbol{\ell}_h\ _1$ 0.5371 ± 0.5371 0.3553 0.5238 0.7088 eyemovements $\ \mathbf{d}\ _1 \cdot \ \boldsymbol{\ell}_h\ _1$ 0.5025 ± 0.5025 0.2899 0.4841 0.6971 eyemovements $\ \mathbf{d}\ _2 \cdot \ \boldsymbol{\ell}_h\ _1$ 0.5025 ± 0.5025 0.2899 0.4841 0.6971 eyemovements $\ \mathbf{d}\ _2 \cdot \ \boldsymbol{\ell}_h\ _2$ 0.4683 ± 0.4683 0.32 0.4656 0.6114 eyemovements $\ \mathbf{d}\ _1 \cdot \ \boldsymbol{\ell}_h\ _\infty$ 0.4329 ± 0.4329 0.2868 0.4223 0.5694 eyemovements $\ \mathbf{d}\ _1 \cdot \ \boldsymbol{\ell}_h\ _\infty$ 0.2116 ± 0.2116 0.1354 0.2067 0.2792 shuttle $\ \mathbf{d}\ _\infty \cdot \ \boldsymbol{\ell}_h\ _1$ 0.0346 ± 0.0346 0.0196 0.0379 0.0492 shuttle $\ \mathbf{d}\ _\infty \cdot \ \boldsymbol{\ell}_h\ _1$ 0.0291 ± 0.0291 0.0153 0.0281 0.0422 shuttle $\ \mathbf{d}\ _2 \cdot \ \boldsymbol{\ell}_h\ _2$ 0.1434 ± 0.1434 0.084 0.1587 0.202 shuttle $\ \mathbf{d}\ _1 \cdot \ \boldsymbol{\ell}_h\ _2$ 0.1434 ± 0.1434 0.084 0.1587 0.202 shuttle $\ \mathbf{d}\ _1 \cdot \ \boldsymbol{\ell}_h\ _2$ 0.0963 ± 0.0963 0.0563 0.1029 0.1346 shuttle $\ \mathbf{d}\ _1 \cdot \ \boldsymbol{\ell}_h\ _\infty$ 0.0338 ± 0.0338 0.0192 0.037 0.0482 connect4 $\ \mathbf{d}\ _1 \cdot \ \boldsymbol{\ell}_h\ _\infty$ 0.0338 ± 0.0338 0.0192 0.037 0.0482 connect4 $\ \mathbf{d}\ _1 \cdot \ \boldsymbol{\ell}_h\ _1$ 0.4602 ± 0.4602 0.3039 0.4645 0.6199 connect4 $\ \mathbf{d}\ _1 \cdot \ \boldsymbol{\ell}_h\ _1$ 0.4017 ± 0.4017 0.2281 0.3725 0.552 connect4 $\ \mathbf{d}\ _1 \cdot \ \boldsymbol{\ell}_h\ _2$ 0.2887 ± 0.2887 0.1792 0.2652 0.3853 connect4 $\ \mathbf{d}\ _1 \cdot \ \boldsymbol{\ell}_h\ _2$ 0.2688 ± 0.5658 0.3663 0.5758 0.7688	pendigits	$\ \mathbf{d}\ _{\infty}\cdot\ \boldsymbol{\ell}_h\ _1$	0.1251 ± 0.1251	0.0742	0.1273	0.1722
pendigits $\ \mathbf{d}_{+}\ _{2} \cdot \ \boldsymbol{\ell}_{h}\ _{2}$ 0.1138 ± 0.1138 0.0667 0.1082 0.1546 pendigits $\ \mathbf{d}\ _{1} \cdot \ \boldsymbol{\ell}_{h}\ _{\infty}$ 0.1855 ± 0.1855 0.1055 0.191 0.2606 pendigits $\ \mathbf{d}_{+}\ _{1} \cdot \ \boldsymbol{\ell}_{h}\ _{\infty}$ 0.0805 ± 0.0805 0.0499 0.0812 0.1092 eyemovements $\ \mathbf{d}_{+}\ _{1} \cdot \ \boldsymbol{\ell}_{h}\ _{1}$ 0.5371 ± 0.5371 0.3553 0.5238 0.7088 eyemovements $\ \mathbf{d}_{+}\ _{\infty} \cdot \ \boldsymbol{\ell}_{h}\ _{1}$ 0.5025 ± 0.5025 0.2899 0.4841 0.6971 eyemovements $\ \mathbf{d}_{+}\ _{2} \cdot \ \boldsymbol{\ell}_{h}\ _{2}$ 0.4683 ± 0.4683 0.32 0.4656 0.6114 eyemovements $\ \mathbf{d}_{+}\ _{2} \cdot \ \boldsymbol{\ell}_{h}\ _{2}$ 0.344 ± 0.344 0.2114 0.3288 0.4698 eyemovements $\ \mathbf{d}_{+}\ _{1} \cdot \ \boldsymbol{\ell}_{h}\ _{\infty}$ 0.4329 ± 0.4329 0.2868 0.4223 0.5694 eyemovements $\ \mathbf{d}_{+}\ _{1} \cdot \ \boldsymbol{\ell}_{h}\ _{\infty}$ 0.2116 ± 0.2116 0.1354 0.2067 0.2792 shuttle $\ \mathbf{d}\ _{\infty} \cdot \ \boldsymbol{\ell}_{h}\ _{1}$ 0.0346 ± 0.0346 0.0196 0.0379 0.0492 shuttle $\ \mathbf{d}_{+}\ _{\infty} \cdot \ \boldsymbol{\ell}_{h}\ _{1}$ 0.0291 ± 0.0291 0.0153 0.0281 0.0422 shuttle $\ \mathbf{d}_{+}\ _{\infty} \cdot \ \boldsymbol{\ell}_{h}\ _{2}$ 0.1434 ± 0.1434 0.084 0.1587 0.202 shuttle $\ \mathbf{d}_{+}\ _{2} \cdot \ \boldsymbol{\ell}_{h}\ _{2}$ 0.0963 ± 0.0963 0.0563 0.1029 0.1346 shuttle $\ \mathbf{d}_{+}\ _{1} \cdot \ \boldsymbol{\ell}_{h}\ _{\infty}$ 0.0753 ± 0.0753 0.0437 0.0838 0.1076 shuttle $\ \mathbf{d}_{+}\ _{1} \cdot \ \boldsymbol{\ell}_{h}\ _{\infty}$ 0.0338 ± 0.0338 0.0192 0.037 0.0482 connect4 $\ \mathbf{d}_{+}\ _{1} \cdot \ \boldsymbol{\ell}_{h}\ _{\infty}$ 0.0338 ± 0.0338 0.0192 0.037 0.0482 connect4 $\ \mathbf{d}_{+}\ _{\infty} \cdot \ \boldsymbol{\ell}_{h}\ _{1}$ 0.4017 ± 0.4017 0.2281 0.3725 0.552 connect4 $\ \mathbf{d}_{+}\ _{\infty} \cdot \ \boldsymbol{\ell}_{h}\ _{1}$ 0.4673 ± 0.4673 0.2969 0.4646 0.6246 connect4 $\ \mathbf{d}_{+}\ _{\infty} \cdot \ \boldsymbol{\ell}_{h}\ _{2}$ 0.2887 ± 0.2887 0.1792 0.2652 0.3853 connect4 $\ \mathbf{d}_{+}\ _{1} \cdot \ \boldsymbol{\ell}_{h}\ _{\infty}$ 0.5658 ± 0.5658 0.3663 0.5758 0.7688	pendigits	$\ \mathbf{d}_+\ _{\infty}\cdot\ \boldsymbol{\ell}_h\ _1$	0.1066 ± 0.1066	0.059	0.098	0.1498
pendigits $\ \mathbf{d}\ _1 \cdot \ \boldsymbol{\ell}_h\ _{\infty}$	pendigits	$\ \mathbf{d}\ _2 \cdot \ \boldsymbol{\ell}_h\ _2$	0.1684 ± 0.1684	0.0956	0.174	0.2369
$\begin{array}{llllllllllllllllllllllllllllllllllll$	pendigits	$\ \mathbf{d}_+\ _2\cdot\ oldsymbol{\ell}_h\ _2$	0.1138 ± 0.1138	0.0667	0.1082	0.1546
$\begin{array}{llllllllllllllllllllllllllllllllllll$	pendigits	$\ \mathbf{d}\ _1 \cdot \ \boldsymbol{\ell}_h\ _{\infty}$	0.1855 ± 0.1855	0.1055	0.191	0.2606
eyemovements $\ \mathbf{d}_{+}\ _{\infty} \cdot \ \boldsymbol{\ell}_{h}\ _{1}$ 0.5025 ± 0.5025 0.2899 0.4841 0.6971 eyemovements $\ \mathbf{d}\ _{2} \cdot \ \boldsymbol{\ell}_{h}\ _{2}$ 0.4683 ± 0.4683 0.32 0.4656 0.6114 eyemovements $\ \mathbf{d}\ _{2} \cdot \ \boldsymbol{\ell}_{h}\ _{2}$ 0.344 ± 0.344 0.2114 0.3288 0.4698 eyemovements $\ \mathbf{d}\ _{1} \cdot \ \boldsymbol{\ell}_{h}\ _{\infty}$ 0.4329 ± 0.4329 0.2868 0.4223 0.5694 eyemovements $\ \mathbf{d}\ _{1} \cdot \ \boldsymbol{\ell}_{h}\ _{\infty}$ 0.2116 ± 0.2116 0.1354 0.2067 0.2792 shuttle $\ \mathbf{d}\ _{\infty} \cdot \ \boldsymbol{\ell}_{h}\ _{1}$ 0.0346 ± 0.0346 0.0196 0.0379 0.0492 shuttle $\ \mathbf{d}\ _{\infty} \cdot \ \boldsymbol{\ell}_{h}\ _{1}$ 0.0291 ± 0.0291 0.0153 0.0281 0.0422 shuttle $\ \mathbf{d}\ _{2} \cdot \ \boldsymbol{\ell}_{h}\ _{2}$ 0.1434 ± 0.1434 0.084 0.1587 0.202 shuttle $\ \mathbf{d}\ _{1} \cdot \ \boldsymbol{\ell}_{h}\ _{\infty}$ 0.0963 ± 0.0963 0.0563 0.1029 0.1346 shuttle $\ \mathbf{d}\ _{1} \cdot \ \boldsymbol{\ell}_{h}\ _{\infty}$ 0.0753 ± 0.0753 0.0437 0.0838 0.1076 shuttle $\ \mathbf{d}\ _{1} \cdot \ \boldsymbol{\ell}_{h}\ _{\infty}$ 0.0338 ± 0.0338 0.0192 0.037 0.0482 connect4 $\ \mathbf{d}\ _{\infty} \cdot \ \boldsymbol{\ell}_{h}\ _{1}$ 0.4602 ± 0.4602 0.3039 0.4645 0.6199 connect4 $\ \mathbf{d}\ _{\infty} \cdot \ \boldsymbol{\ell}_{h}\ _{1}$ 0.4017 ± 0.4017 0.2281 0.3725 0.552 connect4 $\ \mathbf{d}\ _{2} \cdot \ \boldsymbol{\ell}_{h}\ _{2}$ 0.2887 ± 0.2887 0.1792 0.2652 0.3853 connect4 $\ \mathbf{d}\ _{1} \cdot \ \boldsymbol{\ell}_{h}\ _{\infty}$ 0.2887 ± 0.2887 0.1792 0.2652 0.3853 connect4 $\ \mathbf{d}\ _{1} \cdot \ \boldsymbol{\ell}_{h}\ _{\infty}$ 0.5658 ± 0.5658 0.3663 0.5758 0.7688	pendigits	$\ \mathbf{d}_+\ _1 \cdot \ \boldsymbol{\ell}_h\ _{\infty}$	0.0805 ± 0.0805	0.0499	0.0812	0.1092
eyemovements $\ \mathbf{d}\ _2 \cdot \ \ell_h\ _2$ 0.4683 ± 0.4683 0.32 0.4656 0.6114 eyemovements $\ \mathbf{d}\ _2 \cdot \ \ell_h\ _2$ 0.344 ± 0.344 0.2114 0.3288 0.4698 eyemovements $\ \mathbf{d}\ _1 \cdot \ \ell_h\ _\infty$ 0.4329 ± 0.4329 0.2868 0.4223 0.5694 eyemovements $\ \mathbf{d}\ _1 \cdot \ \ell_h\ _\infty$ 0.2116 ± 0.2116 0.1354 0.2067 0.2792 shuttle $\ \mathbf{d}\ _\infty \cdot \ \ell_h\ _1$ 0.0346 ± 0.0346 0.0196 0.0379 0.0492 shuttle $\ \mathbf{d}\ _\infty \cdot \ \ell_h\ _1$ 0.0291 ± 0.0291 0.0153 0.0281 0.0422 shuttle $\ \mathbf{d}\ _2 \cdot \ \ell_h\ _2$ 0.1434 ± 0.1434 0.084 0.1587 0.202 shuttle $\ \mathbf{d}\ _1 \cdot \ \ell_h\ _2$ 0.0963 ± 0.0963 0.0563 0.1029 0.1346 shuttle $\ \mathbf{d}\ _1 \cdot \ \ell_h\ _\infty$ 0.0753 ± 0.0753 0.0437 0.0838 0.1076 shuttle $\ \mathbf{d}\ _1 \cdot \ \ell_h\ _\infty$ 0.0338 ± 0.0338 0.0192 0.037 0.0482 connect4 $\ \mathbf{d}\ _\infty \cdot \ \ell_h\ _1$ 0.4602 ± 0.4602 0.3039 0.4645 0.6199 connect4 $\ \mathbf{d}\ _\infty \cdot \ \ell_h\ _1$ 0.4017 ± 0.4017 0.2281 0.3725 0.552 connect4 $\ \mathbf{d}\ _2 \cdot \ \ell_h\ _2$ 0.4673 ± 0.4673 0.2969 0.4646 0.6246 connect4 $\ \mathbf{d}\ _1 \cdot \ \ell_h\ _2$ 0.2887 ± 0.2887 0.1792 0.2652 0.3853 connect4 $\ \mathbf{d}\ _1 \cdot \ \ell_h\ _\infty$ 0.5658 ± 0.5658 0.3663 0.5758 0.7688	eyemovements	$\ \mathbf{d}\ _{\infty}\cdot\ \boldsymbol{\ell}_h\ _1$	0.5371 ± 0.5371	0.3553	0.5238	0.7088
$\begin{array}{llllllllllllllllllllllllllllllllllll$	eyemovements	$\ \mathbf{d}_+\ _{\infty}\cdot\ \boldsymbol{\ell}_h\ _1$	0.5025 ± 0.5025	0.2899	0.4841	0.6971
eyemovements $\ \mathbf{d}\ _{1} \cdot \ \ell_{h}\ _{\infty}$ 0.4329 ± 0.4329 0.2868 0.4223 0.5694 eyemovements $\ \mathbf{d}\ _{1} \cdot \ \ell_{h}\ _{\infty}$ 0.2116 ± 0.2116 0.1354 0.2067 0.2792 shuttle $\ \mathbf{d}\ _{\infty} \cdot \ \ell_{h}\ _{1}$ 0.0346 ± 0.0346 0.0196 0.0379 0.0492 shuttle $\ \mathbf{d}\ _{\infty} \cdot \ \ell_{h}\ _{1}$ 0.0291 ± 0.0291 0.0153 0.0281 0.0422 shuttle $\ \mathbf{d}\ _{2} \cdot \ \ell_{h}\ _{2}$ 0.1434 ± 0.1434 0.084 0.1587 0.202 shuttle $\ \mathbf{d}\ _{1} \cdot \ \ell_{h}\ _{2}$ 0.0963 ± 0.0963 0.0563 0.1029 0.1346 shuttle $\ \mathbf{d}\ _{1} \cdot \ \ell_{h}\ _{\infty}$ 0.0753 ± 0.0753 0.0437 0.0838 0.1076 shuttle $\ \mathbf{d}\ _{1} \cdot \ \ell_{h}\ _{\infty}$ 0.0338 ± 0.0338 0.0192 0.037 0.0482 connect4 $\ \mathbf{d}\ _{\infty} \cdot \ \ell_{h}\ _{1}$ 0.4602 ± 0.4602 0.3039 0.4645 0.6199 connect4 $\ \mathbf{d}\ _{\infty} \cdot \ \ell_{h}\ _{1}$ 0.4017 ± 0.4017 0.2281 0.3725 0.552 connect4 $\ \mathbf{d}\ _{2} \cdot \ \ell_{h}\ _{2}$ 0.4673 ± 0.4673 0.2969 0.4646 0.6246 connect4 $\ \mathbf{d}\ _{2} \cdot \ \ell_{h}\ _{2}$ 0.2887 ± 0.2887 0.1792 0.2652 0.3853 connect4 $\ \mathbf{d}\ _{1} \cdot \ \ell_{h}\ _{\infty}$ 0.5658 ± 0.5658 0.3663 0.5758 0.7688	eyemovements	$\ \mathbf{d}\ _2 \cdot \ \boldsymbol{\ell}_h\ _2$	0.4683 ± 0.4683	0.32	0.4656	0.6114
eyemovements $\ \mathbf{d}_{+}\ _{1} \cdot \ \ell_{h}\ _{\infty}$ 0.2116 ± 0.2116 0.1354 0.2067 0.2792 shuttle $\ \mathbf{d}\ _{\infty} \cdot \ \ell_{h}\ _{1}$ 0.0346 ± 0.0346 0.0196 0.0379 0.0492 shuttle $\ \mathbf{d}_{+}\ _{\infty} \cdot \ \ell_{h}\ _{1}$ 0.0291 ± 0.0291 0.0153 0.0281 0.0422 shuttle $\ \mathbf{d}\ _{2} \cdot \ \ell_{h}\ _{2}$ 0.1434 ± 0.1434 0.084 0.1587 0.202 shuttle $\ \mathbf{d}_{+}\ _{2} \cdot \ \ell_{h}\ _{2}$ 0.0963 ± 0.0963 0.0563 0.1029 0.1346 shuttle $\ \mathbf{d}_{+}\ _{1} \cdot \ \ell_{h}\ _{\infty}$ 0.0753 ± 0.0753 0.0437 0.0838 0.1076 shuttle $\ \mathbf{d}_{+}\ _{1} \cdot \ \ell_{h}\ _{\infty}$ 0.0338 ± 0.0338 0.0192 0.037 0.0482 connect4 $\ \mathbf{d}\ _{\infty} \cdot \ \ell_{h}\ _{1}$ 0.4602 ± 0.4602 0.3039 0.4645 0.6199 connect4 $\ \mathbf{d}_{+}\ _{\infty} \cdot \ \ell_{h}\ _{1}$ 0.4017 ± 0.4017 0.2281 0.3725 0.552 connect4 $\ \mathbf{d}\ _{2} \cdot \ \ell_{h}\ _{2}$ 0.4673 ± 0.4673 0.2969 0.4646 0.6246 connect4 $\ \mathbf{d}_{+}\ _{2} \cdot \ \ell_{h}\ _{2}$ 0.2887 ± 0.2887 0.1792 0.2652 0.3853 connect4 $\ \mathbf{d}_{+}\ _{2} \cdot \ \ell_{h}\ _{2}$ 0.2887 ± 0.5658 0.3663 0.5758 0.7688	eyemovements	$\ \mathbf{d}_+\ _2\cdot\ \boldsymbol{\ell}_h\ _2$	0.344 ± 0.344	0.2114	0.3288	0.4698
shuttle $\ \mathbf{d}\ _{\infty} \cdot \ \ell_h\ _1$ 0.0346 ± 0.0346 0.0196 0.0379 0.0492 shuttle $\ \mathbf{d}_+\ _{\infty} \cdot \ \ell_h\ _1$ 0.0291 ± 0.0291 0.0153 0.0281 0.0422 shuttle $\ \mathbf{d}\ _2 \cdot \ \ell_h\ _2$ 0.1434 ± 0.1434 0.084 0.1587 0.202 shuttle $\ \mathbf{d}\ _1 \cdot \ \ell_h\ _2$ 0.0963 ± 0.0963 0.0563 0.1029 0.1346 shuttle $\ \mathbf{d}\ _1 \cdot \ \ell_h\ _{\infty}$ 0.0753 ± 0.0753 0.0437 0.0838 0.1076 shuttle $\ \mathbf{d}\ _1 \cdot \ \ell_h\ _{\infty}$ 0.0338 ± 0.0338 0.0192 0.037 0.0482 connect4 $\ \mathbf{d}\ _{\infty} \cdot \ \ell_h\ _1$ 0.4602 ± 0.4602 0.3039 0.4645 0.6199 connect4 $\ \mathbf{d}\ _1 \cdot \ \ell_h\ _1$ 0.4017 ± 0.4017 0.2281 0.3725 0.552 connect4 $\ \mathbf{d}\ _2 \cdot \ \ell_h\ _1$ 0.4673 ± 0.4673 0.2969 0.4646 0.6246 connect4 $\ \mathbf{d}\ _2 \cdot \ \ell_h\ _2$ 0.2887 ± 0.2887 0.1792 0.2652 0.3853 connect4 $\ \mathbf{d}\ _1 \cdot \ \ell_h\ _{\infty}$ 0.5658 ± 0.5658 0.3663 0.5758 0.7688	eyemovements	$\ \mathbf{d}\ _1 \cdot \ \boldsymbol{\ell}_h\ _{\infty}$	0.4329 ± 0.4329	0.2868	0.4223	0.5694
$\begin{array}{llllllllllllllllllllllllllllllllllll$	eyemovements	$\ \mathbf{d}_+\ _1\cdot\ oldsymbol{\ell}_h\ _\infty$	0.2116 ± 0.2116	0.1354	0.2067	0.2792
$\begin{array}{llllllllllllllllllllllllllllllllllll$	shuttle	$\ \mathbf{d}\ _{\infty}\cdot\ oldsymbol{\ell}_h\ _1$	0.0346 ± 0.0346	0.0196	0.0379	0.0492
$\begin{array}{llllllllllllllllllllllllllllllllllll$	shuttle	$\ \mathbf{d}_+\ _{\infty}\cdot\ \boldsymbol{\ell}_h\ _1$	0.0291 ± 0.0291	0.0153	0.0281	0.0422
$\begin{array}{llllllllllllllllllllllllllllllllllll$	shuttle	$\ \mathbf{d}\ _2 \cdot \ \boldsymbol{\ell}_h\ _2$	0.1434 ± 0.1434	0.084	0.1587	0.202
$\begin{array}{llllllllllllllllllllllllllllllllllll$	shuttle		0.0963 ± 0.0963	0.0563	0.1029	0.1346
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	shuttle	$\ \mathbf{d}\ _1 \cdot \ \boldsymbol{\ell}_h\ _{\infty}$	0.0753 ± 0.0753	0.0437	0.0838	0.1076
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	shuttle	$\ \mathbf{d}_+\ _1\cdot\ \boldsymbol{\ell}_h\ _\infty$	0.0338 ± 0.0338	0.0192	0.037	0.0482
connect4 $\ \mathbf{d}\ _2 \cdot \ \boldsymbol{\ell}_h\ _2$ 0.4673 ± 0.4673 0.2969 0.4646 0.6246 connect4 $\ \mathbf{d}_+\ _2 \cdot \ \boldsymbol{\ell}_h\ _2$ 0.2887 ± 0.2887 0.1792 0.2652 0.3853 connect4 $\ \mathbf{d}\ _1 \cdot \ \boldsymbol{\ell}_h\ _\infty$ 0.5658 ± 0.5658 0.3663 0.5758 0.7688	connect4	$\ \mathbf{d}\ _{\infty}\cdot\ oldsymbol{\ell}_h\ _1$	0.4602 ± 0.4602	0.3039	0.4645	0.6199
connect4 $\ \mathbf{d}_{+}\ _{2} \cdot \ \ell_{h}\ _{2}$ 0.2887 ± 0.2887 0.1792 0.2652 0.3853 connect4 $\ \mathbf{d}\ _{1} \cdot \ \ell_{h}\ _{\infty}$ 0.5658 ± 0.5658 0.3663 0.5758 0.7688	connect4		0.4017 ± 0.4017	0.2281	0.3725	0.552
connect4 $\ \mathbf{d}_{+}\ _{2} \cdot \ \ell_{h}\ _{2}$ 0.2887 ± 0.2887 0.1792 0.2652 0.3853 connect4 $\ \mathbf{d}\ _{1} \cdot \ \ell_{h}\ _{\infty}$ 0.5658 ± 0.5658 0.3663 0.5758 0.7688	connect4	$\ \mathbf{d}\ _2 \cdot \ \boldsymbol{\ell}_h\ _2$	0.4673 ± 0.4673	0.2969	0.4646	0.6246
	connect4	$\ \mathbf{d}_+\ _2 \cdot \ \boldsymbol{\ell}_h\ _2$	0.2887 ± 0.2887	0.1792	0.2652	0.3853
connect4 $\ \mathbf{d}_{+}\ _{1} \cdot \ \boldsymbol{\ell}_{h}\ _{\infty} 0.1984 \pm 0.1984 0.1247 0.1835 0.2575$	connect4	$\ \mathbf{d}\ _1 \cdot \ \boldsymbol{\ell}_h\ _{\infty}$	0.5658 ± 0.5658	0.3663	0.5758	0.7688
	connect4	$\ \mathbf{d}_+\ _1\cdot\ \boldsymbol{\ell}_h\ _\infty$	0.1984 ± 0.1984	0.1247	0.1835	0.2575

Table 2: MAD and quartiles of the absolute difference between $\hat{L}_S + \epsilon$ and $\hat{L}_T + \epsilon_T$ (LogisticRegression, ZeroOneLoss (weight=uniform) and $\delta = 0.05$)

data set	method	MAD	Q_1	Q_2	Q_3
optdigits	$\ \mathbf{d}\ _{\infty}\cdot\ \boldsymbol{\ell}_h\ _1$	0.2022 ± 0.2022	0.1237	0.2009	0.2683
optdigits	$\ \mathbf{d}_+\ _{\infty}\cdot\ \boldsymbol{\ell}_h\ _1$	0.1684 ± 0.1684	0.0899	0.1488	0.2295
optdigits	$\ \mathbf{d}\ _2 \cdot \ \boldsymbol{\ell}_h\ _2$	0.2241 ± 0.2241	0.1349	0.2218	0.3031
optdigits	$\ \mathbf{d}_{+}\ _{2}\cdot\ \boldsymbol{\ell}_{h}\ _{2}$	0.1435 ± 0.1435	0.0832	0.1291	0.1874
optdigits	$\ \mathbf{d}\ _1 \cdot \ \boldsymbol{\ell}_h\ _{\infty}$	0.3294 ± 0.3294	0.1911	0.3322	0.4508
optdigits	$\ \mathbf{d}_+\ _1\cdot\ \boldsymbol{\ell}_h\ _\infty$	0.1449 ± 0.1449	0.0908	0.1381	0.1916
satimage	$\ \mathbf{d}\ _{\infty}\cdot\ \boldsymbol{\ell}_h\ _1$	0.1842 ± 0.1842	0.1223	0.1785	0.2367
satimage	$\ \mathbf{d}_+\ _{\infty}\cdot\ \boldsymbol{\ell}_h\ _1$	0.1723 ± 0.1723	0.1028	0.159	0.2292
satimage	$\ \mathbf{d}\ _2 \cdot \ \boldsymbol{\ell}_h\ _2$	0.1932 ± 0.1932	0.1286	0.1886	0.2532
satimage	$\ \mathbf{d}_{+}\ _{2}\cdot\ \boldsymbol{\ell}_{h}\ _{2}$	0.1389 ± 0.1389	0.0875	0.1288	0.1809
satimage	$\ \mathbf{d}\ _1 \cdot \ \boldsymbol{\ell}_h\ _{\infty}$	0.2633 ± 0.2633	0.1747	0.2578	0.3394
satimage	$\ \mathbf{d}_+\ _1\cdot\ oldsymbol{\ell}_h\ _\infty$	0.1148 ± 0.1148	0.0765	0.1122	0.1431
pendigits	$\ \mathbf{d}\ _{\infty}\cdot\ \boldsymbol{\ell}_h\ _1$	0.2813 ± 0.2813	0.162	0.2355	0.3858
pendigits	$\ \mathbf{d}_+\ _{\infty}\cdot\ oldsymbol{\ell}_h\ _1$	0.2488 ± 0.2488	0.1199	0.1904	0.3485
pendigits	$\ \mathbf{d}\ _2 \cdot \ \boldsymbol{\ell}_h\ _2$	0.3708 ± 0.3708	0.224	0.3412	0.4864
pendigits	$\ \mathbf{d}_+\ _2 \cdot \ oldsymbol{\ell}_h\ _2$	0.2403 ± 0.2403	0.1246	0.1824	0.3337
pendigits	$\ \mathbf{d}\ _1 \cdot \ \boldsymbol{\ell}_h\ _{\infty}$	0.5229 ± 0.5229	0.3057	0.5123	0.691
pendigits	$\ \mathbf{d}_+\ _1\cdot\ oldsymbol{\ell}_h\ _\infty$	0.2404 ± 0.2404	0.1303	0.1966	0.3352
eyemovements	$\ \mathbf{d}\ _{\infty}\cdot\ oldsymbol{\ell}_h\ _1$	0.5542 ± 0.5542	0.3746	0.5374	0.7366
eyemovements	$\ \mathbf{d}_+\ _{\infty}\cdot\ oldsymbol{\ell}_h\ _1$	0.5313 ± 0.5313	0.3085	0.5144	0.7424
eyemovements	$\ \mathbf{d}\ _2 \cdot \ oldsymbol{\ell}_h\ _2$	0.471 ± 0.471	0.324	0.4675	0.618
eyemovements	$\ \mathbf{d}_+\ _2 \cdot \ \boldsymbol{\ell}_h\ _2$	0.3582 ± 0.3582	0.2206	0.3435	0.495
eyemovements	$\ \mathbf{d}\ _1 \cdot \ \boldsymbol{\ell}_h\ _{\infty}$	0.4498 ± 0.4498	0.3069	0.4358	0.5967
eyemovements	$\ \mathbf{d}_+\ _1\cdot\ oldsymbol{\ell}_h\ _\infty$	0.2235 ± 0.2235	0.1532	0.217	0.2951
shuttle	$\ \mathbf{d}\ _{\infty}\cdot\ oldsymbol{\ell}_h\ _1$	0.1473 ± 0.1473	0.08	0.1251	0.2084
shuttle	$\ \mathbf{d}_+\ _{\infty}\cdot\ \boldsymbol{\ell}_h\ _1$	0.1195 ± 0.1195	0.0483	0.087	0.169
shuttle	$\ \mathbf{d}\ _2 \cdot \ oldsymbol{\ell}_h\ _2$	0.2767 ± 0.2767	0.1591	0.2837	0.3606
shuttle	$\ \mathbf{d}_+\ _2 \cdot \ \boldsymbol{\ell}_h\ _2$	0.1685 ± 0.1685	0.0928	0.1418	0.2197
shuttle	$\ \mathbf{d}\ _1 \cdot \ \boldsymbol{\ell}_h\ _{\infty}$	0.3051 ± 0.3051	0.177	0.3141	0.4134
shuttle	$\ \mathbf{d}_+\ _1\cdot\ oldsymbol{\ell}_h\ _\infty$	0.1231 ± 0.1231	0.06	0.101	0.1779
connect4	$\ \mathbf{d}\ _{\infty}\cdot\ oldsymbol{\ell}_h\ _1$	0.5506 ± 0.5506	0.3889	0.564	0.6748
connect4	$\ \mathbf{d}_+\ _{\infty}\cdot\ oldsymbol{\ell}_h\ _1$	0.4689 ± 0.4689	0.2477	0.4454	0.6746
connect4	$\ \mathbf{d}\ _2 \cdot \ \boldsymbol{\ell}_h\ _2$	0.5784 ± 0.5784	0.4183	0.5854	0.7453
connect4	$\ \mathbf{d}_+\ _2 \cdot \ \boldsymbol{\ell}_h\ _2$	0.3206 ± 0.3206	0.1509	0.3072	0.4636
connect4	$\ \mathbf{d}\ _1 \cdot \ \boldsymbol{\ell}_h\ _{\infty}$	0.5863 ± 0.5863	0.4147	0.5998	0.7211
connect4	$\ \mathbf{d}_+\ _1 \cdot \ \boldsymbol{\ell}_h\ _{\infty}$	0.1331 ± 0.1331	0.0391	0.0781	0.2097