

Appendix. Results of 10 Independent Runs of 10-Fold Cross Validation over IDST Data

Key_Run	Key_Fold	CBA	SVM	DT	NB	MLP	kNN
1	1	94.230769	94.230769	98.076923	96.153846	96.153846	96.153846
1	2	94.230769	92.307692	96.153846	92.307692	90.384615	90.384615
1	3	92.307692	88.461538	96.153846	90.384615	88.461538	88.461538
1	4	92.307692	90.384615	94.230769	94.230769	94.230769	96.153846
1	5	96.153846	94.230769	94.230769	96.153846	96.153846	92.307692
1	6	94.230769	84.615385	96.153846	94.230769	86.538462	94.230769
1	7	94.230769	96.153846	94.230769	96.153846	94.230769	94.230769
1	8	96.153846	90.384615	92.307692	98.076923	94.230769	96.153846
1	9	92.156863	86.27451	92.156863	94.117647	86.27451	90.196078
1	10	96.078431	94.117647	94.117647	94.117647	92.156863	94.117647
2	1	84.615385	92.307692	90.384615	90.384615	88.461538	88.461538
2	2	98.076923	90.384615	96.153846	96.153846	92.307692	92.307692
2	3	94.230769	92.307692	92.307692	94.230769	90.384615	94.230769
2	4	92.307692	92.307692	94.230769	92.307692	86.538462	92.307692
2	5	96.153846	94.230769	96.153846	98.076923	96.153846	96.153846
2	6	92.307692	90.384615	94.230769	94.230769	90.384615	96.153846
2	7	96.153846	90.384615	96.153846	94.230769	92.307692	98.076923
2	8	92.307692	94.230769	92.307692	92.307692	94.230769	92.307692
2	9	96.078431	92.156863	96.078431	96.078431	90.196078	90.196078
2	10	100	96.078431	100	100	98.039216	98.039216
3	1	98.076923	96.153846	100	100	98.076923	98.076923
3	2	94.230769	94.230769	96.153846	100	96.153846	100
3	3	88.461538	90.384615	90.384615	92.307692	90.384615	88.461538
3	4	98.076923	90.384615	92.307692	98.076923	92.307692	94.230769
3	5	96.153846	94.230769	98.076923	90.384615	92.307692	90.384615
3	6	90.384615	90.384615	90.384615	90.384615	92.307692	94.230769
3	7	94.230769	92.307692	94.230769	98.076923	88.461538	94.230769
3	8	94.230769	94.230769	92.307692	94.230769	94.230769	94.230769
3	9	94.117647	94.117647	98.039216	92.156863	92.156863	94.117647
3	10	90.196078	92.156863	96.078431	94.117647	94.117647	94.117647
4	1	98.076923	96.153846	98.076923	98.076923	98.076923	96.153846
4	2	90.384615	88.461538	94.230769	92.307692	86.538462	92.307692
4	3	96.153846	94.230769	94.230769	98.076923	94.230769	94.230769
4	4	96.153846	96.153846	94.230769	96.153846	94.230769	94.230769
4	5	94.230769	88.461538	90.384615	90.384615	88.461538	92.307692
4	6	98.076923	94.230769	98.076923	98.076923	94.230769	98.076923
4	7	96.153846	94.230769	94.230769	96.153846	92.307692	92.307692
4	8	92.307692	92.307692	92.307692	96.153846	92.307692	92.307692
4	9	92.156863	92.156863	94.117647	96.078431	92.156863	98.039216
4	10	86.27451	84.313725	90.196078	86.27451	88.235294	90.196078
5	1	88.461538	90.384615	86.538462	94.230769	92.307692	94.230769
5	2	96.153846	94.230769	94.230769	94.230769	92.307692	90.384615

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5	3	94.230769	92.307692	94.230769	94.230769	96.153846	94.230769
5	4	94.230769	94.230769	94.230769	96.153846	90.384615	94.230769
5	5	92.307692	94.230769	94.230769	92.307692	92.307692	90.384615
5	6	96.153846	94.230769	98.076923	96.153846	96.153846	94.230769
5	7	92.307692	94.230769	94.230769	98.076923	100	96.153846
5	8	94.230769	88.461538	94.230769	92.307692	88.461538	92.307692
5	9	96.078431	92.156863	96.078431	94.117647	94.117647	94.117647
5	10	96.078431	92.156863	96.078431	96.078431	92.156863	94.117647
6	1	96.153846	92.307692	94.230769	94.230769	92.307692	90.384615
6	2	92.307692	92.307692	86.538462	94.230769	90.384615	92.307692
6	3	94.230769	94.230769	96.153846	96.153846	92.307692	96.153846
6	4	94.230769	92.307692	96.153846	96.153846	94.230769	96.153846
6	5	94.230769	94.230769	94.230769	96.153846	96.153846	94.230769
6	6	94.230769	94.230769	90.384615	90.384615	92.307692	92.307692
6	7	90.384615	90.384615	92.307692	92.307692	90.384615	90.384615
6	8	98.076923	92.307692	100	96.153846	96.153846	94.230769
6	9	96.078431	90.196078	98.039216	98.039216	90.196078	98.039216
6	10	92.156863	94.117647	94.117647	94.117647	98.039216	90.196078
7	1	94.230769	94.230769	96.153846	92.307692	92.307692	92.307692
7	2	92.307692	96.153846	92.307692	92.307692	96.153846	92.307692
7	3	94.230769	98.076923	98.076923	96.153846	98.076923	94.230769
7	4	92.307692	88.461538	92.307692	94.230769	90.384615	96.153846
7	5	98.076923	96.153846	98.076923	98.076923	98.076923	96.153846
7	6	96.153846	88.461538	92.307692	94.230769	90.384615	94.230769
7	7	96.153846	92.307692	96.153846	94.230769	94.230769	90.384615
7	8	92.307692	86.538462	92.307692	92.307692	82.692308	92.307692
7	9	94.117647	94.117647	96.078431	98.039216	90.196078	94.117647
7	10	92.156863	90.196078	94.117647	96.078431	90.196078	92.156863
8	1	94.230769	94.230769	96.153846	96.153846	96.153846	96.153846
8	2	90.384615	96.153846	96.153846	94.230769	94.230769	98.076923
8	3	96.153846	92.307692	94.230769	96.153846	90.384615	92.307692
8	4	92.307692	88.461538	90.384615	94.230769	90.384615	86.538462
8	5	98.076923	96.153846	96.153846	98.076923	92.307692	96.153846
8	6	98.076923	88.461538	92.307692	92.307692	94.230769	92.307692
8	7	92.307692	92.307692	88.461538	90.384615	90.384615	96.153846
8	8	96.153846	90.384615	96.153846	98.076923	94.230769	96.153846
8	9	90.196078	86.27451	90.196078	92.156863	88.235294	86.27451
8	10	94.117647	96.078431	92.156863	96.078431	88.235294	98.039216
9	1	94.230769	94.230769	94.230769	92.307692	92.307692	90.384615
9	2	96.153846	96.153846	98.076923	98.076923	96.153846	100
9	3	92.307692	96.153846	94.230769	94.230769	90.384615	94.230769
9	4	94.230769	90.384615	92.307692	96.153846	92.307692	94.230769
9	5	90.384615	90.384615	96.153846	90.384615	94.230769	90.384615

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9	6	92.307692	90.384615	96.153846	96.153846	90.384615	92.307692
9	7	92.307692	94.230769	98.076923	94.230769	92.307692	94.230769
9	8	98.076923	98.076923	100	98.076923	98.076923	98.076923
9	9	92.156863	92.156863	94.117647	90.196078	90.196078	94.117647
9	10	98.039216	96.078431	98.039216	96.078431	98.039216	94.117647
10	1	88.461538	92.307692	92.307692	92.307692	92.307692	94.230769
10	2	94.230769	96.153846	98.076923	98.076923	92.307692	94.230769
10	3	94.230769	94.230769	96.153846	96.153846	94.230769	92.307692
10	4	96.153846	88.461538	96.153846	96.153846	90.384615	98.076923
10	5	94.230769	94.230769	92.307692	94.230769	92.307692	94.230769
10	6	92.307692	88.461538	92.307692	94.230769	90.384615	92.307692
10	7	96.153846	90.384615	96.153846	92.307692	92.307692	90.384615
10	8	98.076923	88.461538	98.076923	96.153846	92.307692	96.153846
10	9	96.078431	98.039216	98.039216	96.078431	96.078431	96.078431
10	10	92.156863	90.196078	90.196078	94.117647	92.156863	94.117647
	AVG	94.1108595 4	92.4313723	94.595776 6	96.153846	92.565610 7	93.7835594
	MAX	100	98.076923	100	100	100	100
	MIN	84.615385	84.313725	86.538462	86.27451	82.692308	86.27451
	SD	2.76053003 8	2.96397831	2.8014054 2	2.61113827 8	3.1788396 9	2.79552812