ERRATUM

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Finding a suitable model by range transformation for novel data analysis

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The content of Table 1 was inadvertently published twice, once in Table 1 and again in Table 2. Please find below Tables 1 and 2 with the correct content.

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Table 1 CJSJ kernels SVM classification accuracies

Datasets	Kernel	A.M. (%)	G.M. (%)	H.M. (%)
D000 vs. D010	Amplify	59.6 ± 0.9	59.5 ± 0.4	60.2 ± 1.1
	Scaled	57.8 ± 0.9	82.7 ± 0.4	57 ± 0.7
D000 vs. D020	Amplify	68.3 ± 0.7	68 ± 1.4	67.3 ± 1.0
	Scaled	68.6 ± 0.9	83.2 ± 0.8	83.3 ± 0.8
D000 vs. D030	Amplify	78.1 ± 1.0	81.6 ± 0.9	81.9 ± 0.4
	Scaled	81.6 ± 0.9	83.7 ± 0.7	83.8 ± 0.9
D000 vs. D040	Amplify	88.7 ± 0.9	87.5 ± 0.8	87.8 ± 1.0
	Scaled	88.8 ± 0.7	83.1 ± 0.8	83.5 ± 0.6
D000 vs. D050	Amplify	92.5 ± 0.5	92.3 ± 0.5	92.4 ± 0.7
	Scaled	91.8 ± 0.9	86.9 ± 1.3	83.7 ± 0.7
D000 vs. D060	Amplify	95.7 ± 0.4	95.8 ± 0.6	95.7 ± 0.4
	Scaled	95.7 ± 0.4	93.6 ± 1.8	86.6 ± 1.9
D000 vs. D070	Amplify	97.3 ± 0.2	97.4 ± 0.4	97.5 ± 0.3
	Scaled	95.7 ± 0.2	97.4 ± 0.4	96.5 ± 1.1
D000 vs. D080	Amplify	98 ± 0.3	98 ± 0.3	98 ± 0.3
	Scaled	98 ± 0.3	98.1 ± 0.3	98.2 ± 0.3
D000 vs. D090	Amplify	98.9 ± 0.2	98.9 ± 0.2	98.9 ± 0.3
	Scaled	98.9 ± 0.2	98.9 ± 0.2	99.1 ± 0.3
D010 vs. D020	Amplify	63.2 ± 1.3	95.6 ± 0.8	63.8 ± 1.3
	Scaled	63.2 ± 1.3	69.3 ± 1.1	68.7 ± 1.0
D010 vs. D030	Amplify	72.5 ± 1.3	77.1 ± 0.9	78.1 ± 0.8
	Scaled	74.7 ± 1.1	79.1 ± 0.8	75.7 ± 0.7
D010 vs. D040	Amplify	82.8 ± 1.2	84.7 ± 0.9	85.6 ± 0.7
	Scaled	82.5 ± 0.9	80 ± 0.9	74.4 ± 1.2
D010 vs. D050	Amplify	89.2 ± 0.6	89.5 ± 0.7	90.6 ± 0.5
	Scaled	87.8 ± 0.7	81 ± 1	75.5 ± 0.7
D010 vs. D060	Amplify	94.5 ± 0.3	93.6 ± 0.7	93.3 ± 0.3
	Scaled	93.3 ± 0.4	80.4 ± 0.9	73.1 ± 1.2
D010 vs. D070	Amplify	96.6 ± 0.4	96.2 ± 0.4	96.2 ± 0.4
	Scaled	95.7 ± 0.6	80.6 ± 0.9	74.2 ± 1.1
D010 vs. D080	Amplify	97.5 ± 0.4	96.9 ± 0.2	96.6 ± 0.4
	Scaled	96.6 ± 0.4	81.3 ± 0.5	72.9 ± 0.6
D010 vs. D090	Amplify	98.7 ± 0.2	98.1 ± 0.3	98 ± 0.23
	Scaled	97.9 ± 0.3	81.7 ± 0.9	75.7 ± 0.7
D020 vs. D030	Amplify	61.6 ± 0.6	63.8 ± 1.0	63.3 ± 1.2
	Scaled	61.4 ± 1.1	64.7 ± 0.8	64.1 ± 1.4
D020 vs. D040	Amplify	70 ± 1.0	74.3 ± 0.6	74.5 ± 0.6
	Scaled	72.8 ± 0.6	74.2 ± 0.6	68.2 ± 0.8
D020 vs. D050	Amplify	76.8 ± 1.0	80.9 ± 0.6	80.5 ± 0.9
	Scaled	80 ± 0.7	80.5 ± 0.8	75.7 ± 0.7
D020 vs. D060	Amplify	86.9 ± 0.7	88.8 ± 0.9	88.2 ± 0.9
	Scaled	87.5 ± 0.8	87.4 ± 1.2	76.8 ± 1.7
D020 vs. D070	Amplify	91.4 ± 0.6	91.6 ± 0.6	91.6 ± 0.7
	Scaled	91.3 ± 0.7	90.7 ± 0.7	81.1 ± 2.2
D020 vs. D080	Amplify	94.5 ± 0.6	93.9 ± 0.5	94.2 ± 0.6
	Scaled	93.7 ± 0.6	90.9 ± 0.8	83.7 ± 1.3
D020 vs. D090	Amplify	96.5 ± 0.5	95.8 ± 0.5	95.3 ± 0.4
	Scaled	95.7 ± 0.5	94.6 ± 0.5	87.2 ± 0.8
D030 vs. D040	Amplify	56.4 ± 1.0	59.2 ± 1.0	58.1 ± 1.1
	Scaled	57.8 ± 1.4	59.5 ± 0.9	57.7 ± 0.6
D030 vs. D050	Amplify	61.8 ± 1.1	67.1 ± 0.9	66.2 ± 0.8
	Scaled	67 ± 1.2	67.5 ± 0.7	67.5 ± 0.8
D030 vs. D060	Amplify	74.1 ± 0.8	77.4 ± 0.9	76.8 ± 0.6
	Scaled	77.2 ± 0.8	77.2 ± 0.9	75.5 ± 0.9
D030 vs. D070	Amplify	81.3 ± 1.0	82.9 ± 0.7	83.1 ± 0.5
	Scaled	84 ± 0.7	82.7 ± 0.7	80.7 ± 0.6
D030 vs. D080	Amplify	86.4 ± 0.7	88.3 ± 0.6	87 ± 1.0
	Scaled	88.6 ± 0.7	87.8 ± 0.6	82.9 ± 1.2
D030 vs. D090	Amplify	90.1 ± 0.6	91.4 ± 0.8	90.6 ± 0.6
	Scaled	91.3 ± 0.4	89.5 ± 0.7	86.4 ± 0.9
D040 vs. D050	Amplify	54.2 ± 1.0	56.4 ± 1.0	56.4 ± 0.7
	Scaled	56.4 ± 1.1	56.6 ± 1.1	56.8 ± 0.9
D040 vs. D060	Amplify	62.4 ± 0.7	66.9 ± 1.0	67 ± 0.9
	Scaled	66.8 ± 0.8	66.2 ± 1.0	66.2 ± 1.0
D040 vs. D070	Amplify	69.8 ± 0.9	74.5 ± 1.0	74.2 ± 0.9
	Scaled	75.1 ± 0.6	74.1 ± 0.9	72.5 ± 1.0
D040 vs. D080	Amplify	76.4 ± 0.9	80.5 ± 1.0	80.5 ± 0.8
	Scaled	81.6 ± 0.8	80.1 ± 1.1	77.3 ± 0.7
D040 vs. D090	Amplify	81.2 ± 0.8	84.6 ± 0.4	84.4 ± 0.8
	Scaled	85.1 ± 0.9	84 ± 0.5	81.1 ± 0.7
D050 vs. D060	Amplify	54.6 ± 0.5	56.2 ± 0.7	57 ± 0.9
	Scaled	55.1 ± 1	57 ± 0.7	57.6 ± 0.7
D050 vs. D070	Amplify	60.6 ± 1.1	66 ± 0.9	64.2 ± 0.6
	Scaled	66.2 ± 1.1	65.9 ± 1.0	64.4 ± 0.7
D050 vs. D080	Amplify	67 ± 0.7	72.8 ± 1.2	71.4 ± 0.8
	Scaled	74.9 ± 0.7	73.2 ± 1.2	70.1 ± 0.9
D050 vs. D090	Amplify	72.9 ± 0.8	78.3 ± 0.8	77.8 ± 0.6
	Scaled	79 ± 0.8	78.3 ± 0.9	75.1 ± 0.7
D060 vs. D070	Amplify	53.6 ± 0.8	56.4 ± 0.9	56.3 ± 0.9
	Scaled	57.9 ± 1	56.4 ± 0.7	56.4 ± 0.7
D060 vs. D080	Amplify	59.7 ± 0.8	63.6 ± 0.7	62.1 ± 0.8
	Scaled	64.8 ± 0.9	63.8 ± 0.6	61.2 ± 1.2
D060 vs. D090	Amplify	65.8 ± 1.2	69.9 ± 0.9	68.9 ± 0.9
	Scaled	72 ± 1.4	69.8 ± 0.9	68 ± 0.9
D070 vs. D080	Amplify	54.6 ± 1.4	56.3 ± 0.6	55.5 ± 1.2
	Scaled	56.5 ± 1.1	56.3 ± 0.9	55.2 ± 1.1
D070 vs. D090	Amplify	57.3 ± 0.8	62.2 ± 0.8	62.2 ± 1.1
	Scaled	61.9 ± 1	62.5 ± 0.9	61.9 ± 1.1
D080 vs. D090	Amplify	53.1 ± 1.0	52.3 ± 0.8	52.9 ± 0.8
	Scaled	53.9 ± 0.7	50.6 ± 0.6	53.2 ± 1.1

Table 2 RBF kernels SVM classification accuracies

Datasets	Kernel	A.M. (%)	G.M. (%)	H.M. (%)
D000 vs. D010	Amplify	50.4 ± 1.5	51 ± 1.1	51.9 ± 0.9
	Scaled	50.4 ± 1.5	51 ± 1.1	51.9 ± 0.9
D000 vs. D020	Amplify	52 ± 0.8	50 ± 0.8	51.6 ± 0.9
	Scaled	52 ± 0.8	50 ± 0.8	51.6 ± 0.9
D000 vs. D030	Amplify	49.8 ± 1.2	51.5 ± 1.6	49.3 ± 1.9
	Scaled	49.8 ± 1.2	51.5 ± 1.6	49.3 ± 1.9
D000 vs. D040	Amplify	53.5 ± 1.8	51 ± 1.2	52.5 ± 0.9
	Scaled	53.5 ± 1.8	51 ± 1.2	52.5 ± 0.9
D000 vs. D050	Amplify	52 ± 0.7	51.8 ± 1.3	52.6 ± 1.5
	Scaled	52 ± 0.7	51.8 ± 1.3	52.6 ± 1.5
D000 vs. D060	Amplify	52.5 ± 1.4	50.9 ± 0.7	52.2 ± 1.2
	Scaled	52.5 ± 1.4	50.9 ± 0.7	52.2 ± 1.2
D000 vs. D070	Amplify	53.8 ± 1.4	53.9 ± 1.1	54.3 ± 1.2
	Scaled	53.8 ± 1.4	53.9 ± 1.1	54.3 ± 1.2
D000 vs. D080	Amplify	54.3 ± 1.9	55.2 ± 2.1	57.5 ± 1.5
	Scaled	54.3 ± 1.9	55.2 ± 2.1	57.5 ± 1.5
D000 vs. D090	Amplify	55.6 ± 1.2	57 ± 2.3	56.4 ± 1.8
	Scaled	55.6 ± 1.2	57 ± 2.3	56.4 ± 1.8
D010 vs. D020	Amplify	50.3 ± 1.3	51 ± 0.9	50.6 ± 1.1
	Scaled	50.3 ± 1.3	51 ± 0.9	50.6 ± 1.1
D010 vs. D030	Amplify	49.8 ± 1.1	48.4 ± 1.2	51 ± 1.6
	Scaled	49.8 ± 1.1	48.4 ± 1.2	51 ± 1.6
D010 vs. D040	Amplify	52.3 ± 0.9	53 ± 1.1	51.5 ± 0.7
	Scaled	52.3 ± 0.9	53 ± 1.1	51.5 ± 0.7
D010 vs. D050	Amplify	51.9 ± 1.5	52.8 ± 0.9	54.2 ± 1.0
	Scaled	51.9 ± 1.5	52.8 ± 0.9	54.2 ± 1.0
D010 vs. D060	Amplify	53 ± 1.0	54.2 ± 1.2	53.2 ± 1.2
	Scaled	53 ± 1.0	54.2 ± 1.2	53.2 ± 1.2
D010 vs. D070	Amplify	53.5 ± 1.5	55.1 ± 1.1	54 ± 0.8
	Scaled	53.5 ± 1.5	55.1 ± 1.1	54 ± 0.8
D010 vs. D080	Amplify	54.2 ± 1.4	54.6 ± 1.7	53.7 ± 1.2
	Scaled	54.2 ± 1.4	54.6 ± 1.7	53.7 ± 1.2
D010 vs. D090	Amplify	55.2 ± 1.8	56.1 ± 1.5	53.2 ± 1.7
	Scaled	55.2 ± 1.8	56.1 ± 1.5	53.2 ± 1.7
D020 vs. D030	Amplify	52.4 ± 0.8	51.1 ± 1.1	51.4 ± 1.0
	Scaled	52.4 ± 0.8	51.1 ± 1.1	51.4 ± 1.0
D020 vs. D040	Amplify	50.9 ± 1.0	51.4 ± 0.8	51.5 ± 0.9
	Scaled	50.9 ± 1.0	51.4 ± 0.8	51.5 ± 0.9
D020 vs. D050	Amplify	51.7 ± 1.2	51.6 ± 0.5	51.9 ± 1.0
	Scaled	51.7 ± 1.2	51.6 ± 0.5	51.9 ± 1.0
D020 vs. D060	Amplify	53 ± 1.3	51.7 ± 0.9	50.6 ± 0.4
	Scaled	53 ± 1.3	51.7 ± 0.9	50.6 ± 0.4
D020 vs. D070	Amplify	52.8 ± 1.1	53.5 ± 1.3	54.1 ± 1.2
	Scaled	52.8 ± 1.0	53.5 ± 1.3	54.1 ± 1.2
D020 vs. D080	Amplify	53 ± 1.2	53 ± 1.0	55 ± 1.0
	Scaled	53 ± 1.2	53 ± 1.0	55 ± 1.0
D020 vs. D090	Amplify	56.3 ± 1.5	55 ± 1.5	56 ± 1.5
	Scaled	56.3 ± 1.5	55 ± 1.5	56 ± 1.5
D030 vs. D040	Amplify	51.7 ± 1.3	50.5 ± 0.7	52.1 ± 0.9
	Scaled	51.7 ± 1.3	50.5 ± 0.7	52.1 ± 0.9
D030 vs. D050	Amplify	50.7 ± 0.8	52 ± 1.2	49.2 ± 1.4
	Scaled	50.7 ± 0.8	52 ± 1.2	49.2 ± 1.4
D030 vs. D060	Amplify	51.9 ± 0.8	50.4 ± 0.4	52.5 ± 1.0
	Scaled	51.9 ± 0.8	50.4 ± 0.4	52.5 ± 1.0
D030 vs. D070	Amplify	53.3 ± 1.2	52.3 ± 0.8	52 ± 1.0
	Scaled	53.3 ± 1.2	52.3 ± 0.8	52 ± 1.0
D030 vs. D080	Amplify	54.5 ± 1.4	54.4 ± 1.2	54.4 ± 1.7
	Scaled	54.5 ± 1.4	54.4 ± 1.2	54.4 ± 1.7
D030 vs. D090	Amplify	55.1 ± 1.5	56.2 ± 1.1	54.4 ± 1.5
	Scaled	55.5 ± 1.5	56.2 ± 1.1	54.4 ± 1.5
D040 vs. D050	Amplify	50.3 ± 1.6	49.3 ± 0.9	50.1 ± 1.0
	Scaled	50.3 ± 0.6	49.3 ± 0.9	50.1 ± 1.0
D040 vs. D060	Amplify	50.5 ± 0.3	51.7 ± 0.7	52.3 ± 0.8
	Scaled	50.5 ± 0.3	51.7 ± 0.7	52.3 ± 0.8
D040 vs. D070	Amplify	51 ± 1.1	51.3 ± 1.1	52.5 ± 1.4
	Scaled	51 ± 1.1	51.3 ± 1.1	52.5 ± 1.4
D040 vs. D080	Amplify	52.7 ± 0.8	53.3 ± 1.2	52.2 ± 1.2
	Scaled	52.7 ± 0.8	53.3 ± 1.2	52.2 ± 1.2
D040 vs. D090	Amplify	52.6 ± 1.2	52.9 ± 1.3	55.6 ± 2.9
	Scaled	52.6 ± 1.2	52.9 ± 1.3	55.6 ± 2.9
D050 vs. D060	Amplify	50.9 ± 0.8	52.3 ± 1.0	49.7 ± 0.6
	Scaled	50.9 ± 0.8	52.3 ± 1.0	49.7 ± 0.6
D050 vs. D070	Amplify	50.1 ± 1.2	51.9 ± 0.7	50.1 ± 0.5
	Scaled	50.1 ± 1.2	51.9 ± 0.7	50.1 ± 0.5
D050 vs. D080	Amplify	52.7 ± 1.2	52.4 ± 1.6	51.6 ± 0.9
	Scaled	50.7 ± 1.2	52.4 ± 1.6	51.6 ± 0.9
D050 vs. D090	Amplify	52.2 ± 1.3	53 ± 1.2	53 ± 0.9
	Scaled	52.2 ± 1.3	53 ± 1.2	53 ± 0.9
D060 vs. D070	Amplify	49.6 ± 0.8	50.2 ± 1.0	49.8 ± 0.7
	Scaled	49.6 ± 0.8	50.2 ± 1.0	49.8 ± 0.7
D060 vs. D080	Amplify	49.1 ± 0.8	50.8 ± 0.8	50.9 ± 1.2
	Scaled	49.1 ± 0.8	50.8 ± 0.8	50.9 ± 1.2
D060 vs. D090	Amplify	50.9 ± 1.1	52 ± 0.9	50.7 ± 0.9
	Scaled	50.9 ± 1.1	52 ± 0.9	50.7 ± 0.9
D070 vs. D080	Amplify	48.6 ± 1.0	49 ± 1.0	49.4 ± 1.4
	Scaled	48.6 ± 1.0	49 ± 1.0	49.4 ± 1.4
D070 vs. D090	Amplify	52.2 ± 1.6	49.5 ± 0.9	48.4 ± 0.8
	Scaled	50.2 ± 1.6	49.5 ± 0.9	48.4 ± 0.8
D080 vs. D090	Amplify	47.5 ± 0.9	48.9 ± 1.1	49.5 ± 1.2
	Scaled	47.5 ± 0.9	48.9 ± 1.1	49.5 ± 1.2