Appendix

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Table 1: Results of the SVM model (rbf with gamma=0.5 and C=2) in 5-fold crossvalidation

Helix	CV1	CV2	CV3	CV4	CV5	Avg
MCC_H	0.64	0.64	0.70	0.66	0.68	0.66± 0.013
PPV_H	0.83	0.86	0.85	0.85	0.84	0.85± 0.006
TPR_H	0.67	0.67	0.65	0.70	0.72	0.69± 0.009

Strand	CV1	CV2	CV3	CV4	CV5	Avg
MCC_E	0.50	0.48	0.39	0.49	0.48	0.50± 0.023
PPV_E	0.80	0.76	0.81	0.81	0.80	0.79± 0.011
TPR_E	0.42	0.40	0.49	0.39	0.41	0.41± 0.020

Coil	CV1	CV2	CV3	CV4	CV5	Avg
MCC_C	0.48	0.49	0.49	0.49	0.50	0.49± 0.002
PPV_C	0.61	0.62	0.62	0.62	0.63	0.63± 0.002
TPR_C	0.87	0.88	0.88	0.88	0.88	0.88± 0.002

| $Q3$ | 0.70 | 0.71 | 0.71 | 0.71 | 0.71 | 0.71± 0.002 |

Table 2: Results of the SVM model (rbf with gamma=2 and C=2) in 5-fold crossvalidation

Helix	CV1	CV2	CV3	CV4	CV5	Avg
MCC_H	0.22	0.25	0.26	0.28	0.26	0.25± 0.011
PPV_H	0.86	0.89	0.88	0.91	0.64	0.88± 0.009
TPR_H	0.11	0.12	0.12	0.14	0.14	0.13± 0.006

Strand	CV1	CV2	CV3	CV4	CV5	Avg
MCC_E	0.09	0.09	0.09	0.11	0.15	0.11± 0.004
PPV_E	0.87	0.71	0.84	0.78	0.88	0.82± 0.032
TPR_E	0.02	0.01	0.01	0.02	0.03	0.02± 0.003

Coil	CV1	CV2	CV3	CV4	CV5	Avg
MCC_C	0.14	0.16	0.15	0.17	0.16	0.16± 0.006
PPV_C	0.43	0.44	0.44	0.45	0.44	0.44± 0.004
TPR_C	0.98	0.99	0.98	0.99	0.99	0.99± 0.003

| $Q3$ | 0.45 | 0.47 | 0.47 | 0.48 | 0.47 | 0.47± \$0.006 |

Table 3: Results of the SVM model (rbf with gamma=2 and C=4) in 5-fold crossvalidation

Helix	CV1	CV2	CV3	CV4	CV5	Avg
MCC_H	0.23	0.26	0.25	0.25	0.27	0.25± 0.004
PPV_H	0.86	0.88	0.88	0.90	0.91	0.88± 0.008
TPR_H	0.10	0.12	0.12	0.12	0.13	0.12± 0.004

Strand	CV1	CV2	CV3	CV4	CV5	Avg
MCC_E	0.09	0.09	0.09	0.08	0.10	0.09± 0.002
PPV_E	0.86	0.72	0.85	0.69	0.77	0.78± 0.040
TPR_E	0.01	0.01	0.01	0.01	0.02	0.01± 0.000

Coil	CV1	CV2	CV3	CV4	CV5	Avg
MCC_C	0.14	0.15	0.15	0.16	0.17	0.15± 0.004
PPV_C	0.43	0.44	0.43	0.44	0.45	0.44± 0.003
TPR_C	0.99	0.99	0.98	0.98	0.99	0.99± 0.003

| $Q3$ | 0.45 | 0.47 | 0.46 | 0.46 | 0.48 | 0.46± 0.004 |

Table 4: Results of the SVM model (rbf with gamma=0.5 and C=4) in 5-fold crossvalidation

Helix	CV1	CV2	CV3	CV4	CV5	Avg
MCC_H	0.63	0.63	0.65	0.66	0.67	0.64± 0.007
PPV_H	0.83	0.85	0.84	0.83	0.83	0.84± 0.004
TPR_H	0.67	0.66	0.69	0.71	0.71	0.68± 0.010

Strand	CV1	CV2	CV3	CV4	CV5	Avg
MCC_E	0.49	0.47	0.48	0.47	0.47	0.48± 0.004
PPV_E	0.79	0.66	0.80	0.80	0.50	0.76± 0.031
TPR_E	0.41	0.39	0.38	0.38	0.38	0.39± 0.006

Coil	CV1	CV2	CV3	CV4	CV5	Avg
MCC_C	0.47	0.47	0.48	0.48	0.48	0.48± 0.003
PPV_C	0.61	0.61	0.60	0.62	0.61	0.61± 0.004
TPR_C	0.87	0.87	0.88	0.86	0.87	0.87± 0.004

$Q3$	0.69	0.70	0.71	0.71	0.70	0.70± 0.004