

Template of acctab1.

(acctab1-kato.pdf)

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References

Kato, T., Relator, R., Ngouv, H., Hirohashi, Y., Takaki, O., Kakimoto, T., and Okada, K. (2015). Segmental hog: New descriptor for glomerulus detection in kidney microscopy. *BMC Bioinformatics*, **16**(316), –. DOI: 10.1186/s12859-015-0739-1, URL: <http://www.biomedcentral.com/1471-2105/16/316>.

Table 1: PRBEP on UCI binary classification datasets. The bold-faced figures in the table represent the best accuracy. The underlined figures in the table indicate that the performance is not significantly different from the best accuracy.

	A	B	C	D
ionosphere	0.853 (0.022)	<u>0.863</u> (0.020)	0.847 (0.025)	0.864 (0.022)
diabetes	0.730 (0.049)	0.736 (0.043)	0.728 (0.052)	<u>0.735</u> (0.044)
cmc	0.589 (0.058)	<u>0.610</u> (0.048)	0.589 (0.063)	0.611 (0.050)
echocardiogram	0.651 (0.058)	0.658 (0.061)	<u>0.652</u> (0.059)	<u>0.656</u> (0.059)
hepatitis	<u>0.942</u> (0.011)	<u>0.942</u> (0.011)	0.940 (0.012)	0.943 (0.010)
seeds	0.924 (0.028)	0.924 (0.027)	0.899 (0.035)	0.900 (0.034)
ilpd	0.640 (0.052)	0.663 (0.046)	0.651 (0.049)	0.668 (0.046)
bank	0.746 (0.026)	0.748 (0.024)	<u>0.749</u> (0.026)	0.750 (0.025)
car	0.755 (0.081)	0.765 (0.073)	0.746 (0.082)	0.757 (0.074)
australian	0.866 (0.029)	0.869 (0.028)	0.853 (0.034)	0.865 (0.032)
german	0.701 (0.028)	<u>0.705</u> (0.028)	0.699 (0.028)	0.707 (0.028)
wholesale	<u>0.898</u> (0.028)	<u>0.898</u> (0.028)	<u>0.897</u> (0.031)	0.899 (0.030)
spect	0.879 (0.018)	0.884 (0.017)	0.868 (0.028)	0.882 (0.017)
waveform2	0.835 (0.030)	0.836 (0.030)	0.829 (0.030)	0.831 (0.029)
tae	0.572 (0.099)	0.634 (0.080)	0.572 (0.101)	0.634 (0.080)
	E	F	G	
ionosphere	0.852 (0.023)	0.861 (0.023)	0.864 (0.023)	
diabetes	0.731 (0.047)	<u>0.735</u> (0.045)	<u>0.735</u> (0.044)	
cmc	0.597 (0.058)	<u>0.610</u> (0.050)	0.611 (0.050)	
echocardiogram	<u>0.653</u> (0.058)	<u>0.655</u> (0.058)	<u>0.656</u> (0.059)	
hepatitis	0.940 (0.012)	0.942 (0.011)	0.943 (0.010)	
seeds	0.900 (0.034)	0.900 (0.034)	0.900 (0.034)	
ilpd	0.659 (0.044)	0.668 (0.046)	0.668 (0.046)	
bank	0.750 (0.025)	0.750 (0.025)	0.750 (0.024)	
car	0.752 (0.076)	0.755 (0.075)	0.756 (0.074)	
australian	0.856 (0.034)	0.863 (0.033)	<u>0.865</u> (0.032)	
german	0.702 (0.028)	<u>0.706</u> (0.027)	<u>0.706</u> (0.027)	
wholesale	<u>0.898</u> (0.030)	0.899 (0.030)	0.899 (0.030)	
spect	0.875 (0.021)	0.881 (0.017)	0.882 (0.016)	
waveform2	0.830 (0.030)	0.830 (0.029)	0.831 (0.029)	
tae	0.572 (0.101)	0.572 (0.101)	0.574 (0.100)	