

## Accuracy

	NB	5	10	15	30	50	100	200
abalone16_29	0.68	0.88	0.88	<b>0.9</b>	0.89	0.89	0.89	0.89
balance_scale	<b>0.92</b>	<b>0.92</b>	<b>0.92</b>	<b>0.92</b>	<b>0.92</b>	<b>0.92</b>	<b>0.92</b>	<b>0.92</b>
breast_cancer	0.72	<b>0.73</b>	0.72	<b>0.73</b>	0.71	0.72	0.71	0.72
car	0.89	0.96	0.91	0.93	0.92	0.95	0.95	<b>0.97</b>
cmc	0.68	0.74	<b>0.78</b>	0.76	0.77	0.77	0.77	0.77
ecoli	0.78	<b>0.9</b>	0.87	0.88	<b>0.9</b>	0.85	0.85	0.85
glass	0.48	0.54	0.75	0.59	0.86	0.88	<b>0.89</b>	<b>0.89</b>
haberman	0.73	0.73	0.73	<b>0.74</b>	<b>0.74</b>	0.73	0.73	<b>0.74</b>
heart_cleveland	0.81	0.79	0.79	0.81	<b>0.84</b>	0.83	0.83	<b>0.84</b>
hepatitis	0.66	<b>0.75</b>	0.69	0.72	0.71	0.72	0.71	0.69
new_thyroid	0.96	0.97	0.97	0.97	<b>0.98</b>	<b>0.98</b>	0.97	0.97
postoperative	0.67	<b>0.7</b>	0.68	0.63	0.67	0.66	0.67	0.66
solar_flare	0.65	0.81	0.82	<b>0.83</b>	0.81	0.77	0.58	0.61
transfusion	0.74	<b>0.76</b>	<b>0.76</b>	<b>0.76</b>	<b>0.76</b>	<b>0.76</b>	<b>0.76</b>	<b>0.76</b>
vehicle	0.66	0.64	0.67	<b>0.69</b>	<b>0.69</b>	<b>0.69</b>	0.68	0.68
yeastME3	0.27	0.39	<b>0.45</b>	0.36	0.31	0.33	0.26	0.41
bupa	0.54	0.56	0.59	0.63	0.63	0.64	<b>0.65</b>	<b>0.65</b>
german	0.73	0.69	0.72	<b>0.75</b>	0.74	<b>0.75</b>	0.74	0.74
horse_colic	0.78	0.73	0.75	0.77	0.78	0.77	<b>0.79</b>	0.78
ionosphere	<b>0.87</b>	0.77	0.82	0.84	0.85	0.85	0.86	<b>0.87</b>
seeds	0.9	0.9	0.88	0.89	0.9	0.9	<b>0.91</b>	<b>0.91</b>
vertebal	<b>0.78</b>	0.73	0.76	0.75	0.77	0.75	0.76	0.76

## Sensitivity

	NB	5	10	15	30	50	100	200
abalone16_29	0.69	0.93	0.92	<b>0.94</b>	0.93	0.93	0.93	<b>0.94</b>
balance_scale	<b>1.0</b>	<b>1.0</b>	<b>1.0</b>	<b>1.0</b>	<b>1.0</b>	<b>1.0</b>	<b>1.0</b>	<b>1.0</b>
breast_cancer	0.84	<b>0.94</b>	<b>0.94</b>	0.93	0.9	0.91	0.9	0.91
car	0.89	<b>1.0</b>	0.91	0.94	0.92	0.97	0.97	0.99
cmc	0.7	0.89	0.94	0.9	0.92	<b>0.96</b>	<b>0.96</b>	<b>0.96</b>
ecoli	0.76	<b>1.0</b>	0.92	0.94	0.97	0.9	0.9	0.89
glass	0.45	0.52	0.77	0.59	0.92	0.95	<b>0.96</b>	0.95
haberman	0.93	0.97	0.98	0.96	0.97	0.98	<b>0.99</b>	<b>0.99</b>
heart_cleveland	0.83	0.84	0.84	0.87	0.92	0.91	0.91	<b>0.93</b>
hepatitis	0.63	<b>0.75</b>	0.67	0.69	0.71	0.71	0.69	0.67
new_thyroid	0.97	0.99	0.99	<b>1.0</b>	<b>1.0</b>	<b>1.0</b>	<b>1.0</b>	<b>1.0</b>
postoperative	0.85	<b>0.89</b>	<b>0.89</b>	0.83	0.88	0.88	<b>0.89</b>	0.88
solar_flare	0.64	0.82	0.83	<b>0.84</b>	0.82	0.77	0.57	0.6
transfusion	0.91	0.97	<b>0.98</b>	<b>0.98</b>	<b>0.98</b>	0.97	0.97	<b>0.98</b>
vehicle	0.61	0.64	0.68	<b>0.69</b>	0.67	<b>0.69</b>	0.68	0.67
yeastME3	0.18	0.32	<b>0.38</b>	0.29	0.23	0.25	0.17	0.34
bupa	0.4	0.66	0.68	0.85	<b>0.88</b>	0.83	0.81	0.84
german	0.77	0.73	0.8	0.86	<b>0.88</b>	0.87	0.84	0.8
horse_colic	0.79	0.72	0.78	0.81	0.8	0.79	<b>0.82</b>	0.8
ionosphere	0.93	0.84	0.84	<b>0.94</b>	0.88	0.86	0.89	0.91
seeds	0.9	0.88	0.89	0.9	<b>0.91</b>	<b>0.91</b>	<b>0.91</b>	<b>0.91</b>
vertebal	0.73	<b>0.78</b>	0.73	0.73	0.73	0.74	0.74	0.75

## Specificity

	NB	5	10	15	30	50	100	200
abalone16_29	<b>0.58</b>	0.28	0.27	0.26	0.25	0.23	0.23	0.2
balance_scale	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>
breast_cancer	<b>0.44</b>	0.24	0.21	0.26	0.28	0.28	0.27	0.29
car	<b>1.0</b>	0.0	0.98	0.68	0.86	0.35	0.34	0.32
cmc	<b>0.61</b>	0.23	0.24	0.29	0.24	0.14	0.12	0.1
ecoli	<b>0.94</b>	0.0	0.46	0.31	0.34	0.43	0.43	0.51
glass	<b>0.82</b>	0.76	0.53	0.65	0.24	0.06	0.12	0.12
haberman	<b>0.17</b>	0.05	0.04	0.11	0.07	0.02	0.02	0.02
heart_cleveland	<b>0.63</b>	0.37	0.43	0.4	0.26	0.23	0.23	0.17
hepatitis	0.78	0.78	0.75	<b>0.81</b>	0.72	0.75	0.78	0.78
new_thyroid	<b>0.87</b>	0.8	0.8	0.8	0.83	0.83	0.8	0.8
postoperative	<b>0.17</b>	<b>0.17</b>	0.08	0.08	0.08	0.04	0.04	0.04
solar_flare	<b>0.93</b>	0.58	0.56	0.51	0.53	0.81	<b>0.93</b>	<b>0.93</b>
transfusion	<b>0.2</b>	0.09	0.09	0.08	0.09	0.11	0.09	0.09
vehicle	<b>0.84</b>	0.67	0.65	0.68	0.73	0.7	0.71	0.71
yeastME3	<b>0.99</b>	0.97	0.98	0.98	0.97	<b>0.99</b>	<b>0.99</b>	0.98
bupa	<b>0.74</b>	0.41	0.47	0.31	0.27	0.36	0.4	0.38
german	<b>0.62</b>	0.6	0.55	0.49	0.42	0.47	0.51	0.6
horse_colic	<b>0.75</b>	<b>0.75</b>	0.7	0.72	0.74	<b>0.75</b>	0.74	0.74
ionosphere	0.76	0.66	0.79	0.65	0.81	<b>0.83</b>	0.8	0.8
seeds	0.91	<b>0.94</b>	0.84	0.86	0.9	0.9	0.91	0.91
vertebal	<b>0.87</b>	0.62	0.82	0.81	0.85	0.79	0.8	0.79

## F-1 klasa mniejszosciowa

	NB	5	10	15	30	50	100	200
abalone16_29	0.19	0.23	0.22	<b>0.25</b>	0.22	0.21	0.21	0.19
balance_scale	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>
breast_cancer	<b>0.48</b>	0.34	0.31	0.36	0.37	0.38	0.36	0.39
car	0.41	0.0	<b>0.46</b>	0.43	0.44	0.35	0.32	0.44
cmc	<b>0.46</b>	0.29	0.33	0.36	0.32	0.22	0.19	0.17
ecoli	<b>0.47</b>	0.0	0.43	0.35	0.42	0.37	0.38	0.41
glass	0.2	0.21	<b>0.25</b>	0.2	0.22	0.07	0.15	0.14
haberman	<b>0.25</b>	0.09	0.07	0.18	0.13	0.05	0.05	0.05
heart_cleveland	<b>0.43</b>	0.29	0.32	0.33	0.28	0.24	0.24	0.2
hepatitis	0.49	<b>0.57</b>	0.5	0.54	0.51	0.52	0.53	0.51
new_thyroid	0.85	0.87	0.87	0.89	<b>0.91</b>	<b>0.91</b>	0.89	0.89
postoperative	0.21	<b>0.23</b>	0.12	0.11	0.12	0.06	0.06	0.06
solar_flare	0.18	0.2	0.2	0.19	0.18	<b>0.22</b>	0.15	0.16
transfusion	<b>0.27</b>	0.15	0.15	0.14	0.15	0.18	0.15	0.15
vehicle	<b>0.54</b>	0.47	0.49	0.51	0.53	0.52	0.51	0.51
yeastME3	0.23	0.26	<b>0.28</b>	0.25	0.24	0.25	0.23	0.27
bupa	<b>0.57</b>	0.43	0.49	0.41	0.37	0.45	0.49	0.47
german	<b>0.58</b>	0.54	0.54	0.54	0.49	0.53	0.54	<b>0.58</b>
horse_colic	0.71	0.68	0.67	0.7	0.71	0.71	<b>0.73</b>	0.71
ionosphere	0.81	0.68	0.76	0.74	0.8	0.79	0.8	<b>0.82</b>
seeds	0.86	0.86	0.82	0.83	0.86	0.86	<b>0.87</b>	<b>0.87</b>
vertebal	<b>0.72</b>	0.59	0.69	0.68	0.7	0.68	0.68	0.68

## G-mean

	NB	5	10	15	30	50	100	200
abalone16_29	<b>0.63</b>	0.51	0.5	0.5	0.48	0.47	0.46	0.43
balance_scale	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>
breast_cancer	<b>0.6</b>	0.47	0.45	0.49	0.5	0.51	0.49	0.52
car	0.94	0.0	<b>0.95</b>	0.8	0.89	0.59	0.57	0.57
cmc	<b>0.65</b>	0.45	0.48	0.51	0.47	0.37	0.33	0.31
ecoli	<b>0.85</b>	0.0	0.65	0.54	0.58	0.62	0.62	0.68
glass	0.61	0.63	<b>0.64</b>	0.62	0.46	0.24	0.34	0.34
haberman	<b>0.4</b>	0.22	0.19	0.33	0.27	0.16	0.16	0.16
heart_cleveland	<b>0.72</b>	0.56	0.6	0.59	0.49	0.46	0.46	0.4
hepatitis	0.7	<b>0.76</b>	0.71	0.75	0.71	0.73	0.73	0.72
new_thyroid	<b>0.92</b>	0.89	0.89	0.89	0.91	0.91	0.89	0.89
postoperative	0.38	<b>0.39</b>	0.27	0.26	0.27	0.19	0.19	0.19
solar_flare	0.77	0.69	0.68	0.66	0.66	<b>0.79</b>	0.73	0.75
transfusion	<b>0.43</b>	0.29	0.3	0.29	0.3	0.32	0.3	0.3
vehicle	<b>0.72</b>	0.65	0.67	0.69	0.7	0.69	0.69	0.69
yeastME3	0.42	0.56	<b>0.61</b>	0.53	0.47	0.5	0.41	0.58
bupa	0.55	0.52	0.56	0.52	0.49	0.55	<b>0.57</b>	0.56
german	<b>0.69</b>	0.67	0.66	0.65	0.61	0.64	0.65	<b>0.69</b>
horse_colic	0.77	0.74	0.74	0.76	0.77	0.77	<b>0.78</b>	0.77
ionosphere	0.84	0.74	0.81	0.78	0.84	0.84	0.84	<b>0.85</b>
seeds	<b>0.91</b>	<b>0.91</b>	0.87	0.88	0.9	0.9	<b>0.91</b>	<b>0.91</b>
vertebal	<b>0.8</b>	0.69	0.78	0.77	0.79	0.76	0.77	0.77