

## Accuracy

	NB	5	10	15	30	50	100	200
abalone16_29	0.68	0.79	<b>0.81</b>	<b>0.81</b>	0.79	0.79	0.79	0.79
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>0.74</b>	0.72	0.73	0.73	0.72	0.73	0.73
car	0.89	0.9	0.9	0.91	0.9	0.91	<b>0.92</b>	<b>0.92</b>
cmc	0.68	0.72	0.71	0.71	0.71	0.72	<b>0.73</b>	<b>0.73</b>
ecoli	0.78	0.8	0.81	0.82	<b>0.85</b>	<b>0.85</b>	<b>0.85</b>	<b>0.85</b>
glass	0.48	0.63	0.58	0.51	0.68	<b>0.79</b>	0.75	0.77
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	0.77	0.79	0.8	0.8	0.8	<b>0.82</b>	<b>0.82</b>
hepatitis	0.66	<b>0.7</b>	0.68	<b>0.7</b>	<b>0.7</b>	<b>0.7</b>	<b>0.7</b>	<b>0.7</b>
new_thyroid	0.96	0.96	<b>0.98</b>	<b>0.98</b>	<b>0.98</b>	<b>0.98</b>	0.97	0.97
postoperative	0.67	<b>0.7</b>	0.68	0.67	0.66	0.64	0.64	0.62
solar_flare	0.65	<b>0.77</b>	0.68	0.72	0.58	0.61	0.57	0.54
transfusion	0.74	0.75	0.76	<b>0.77</b>	<b>0.77</b>	0.76	0.76	0.76
vehicle	0.66	0.66	0.68	0.68	<b>0.7</b>	0.69	0.69	0.68
yeastME3	0.27	0.25	<b>0.32</b>	0.27	0.24	0.23	0.22	0.28
bupa	0.54	0.58	0.61	0.6	<b>0.63</b>	0.6	0.59	0.6
german	<b>0.73</b>	0.68	0.66	0.71	0.71	0.71	0.71	0.68
horse_colic	0.78	0.77	<b>0.79</b>	<b>0.79</b>	0.78	0.78	0.77	0.77
ionosphere	0.87	0.83	0.83	0.87	<b>0.89</b>	0.88	0.87	0.88
seeds	0.9	0.9	0.89	0.89	0.9	<b>0.91</b>	<b>0.91</b>	0.9
vertebal	<b>0.78</b>	0.76	0.77	0.76	0.77	0.77	0.76	0.77

## Sensitivity

	NB	5	10	15	30	50	100	200
abalone16_29	0.69	0.82	<b>0.83</b>	<b>0.83</b>	0.81	0.81	0.81	0.82
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	0.87	0.87	0.87	0.87	<b>0.88</b>	0.87	0.87
car	0.89	0.91	0.9	0.91	0.91	0.91	0.92	<b>0.93</b>
cmc	0.7	<b>0.81</b>	0.78	0.76	0.78	0.8	<b>0.81</b>	<b>0.81</b>
ecoli	0.76	0.79	0.81	0.81	<b>0.84</b>	<b>0.84</b>	<b>0.84</b>	<b>0.84</b>
glass	0.45	0.62	0.57	0.49	0.69	<b>0.83</b>	0.77	0.79
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	0.79	0.82	0.83	0.85	0.84	0.86	<b>0.87</b>
hepatitis	0.63	0.69	0.67	0.69	0.7	<b>0.71</b>	0.7	0.69
new_thyroid	0.97	<b>0.99</b>	<b>0.99</b>	<b>0.99</b>	<b>0.99</b>	<b>0.99</b>	<b>0.99</b>	<b>0.99</b>
postoperative	0.85	<b>0.88</b>	<b>0.88</b>	0.86	<b>0.88</b>	<b>0.88</b>	0.86	0.83
solar_flare	0.64	<b>0.76</b>	0.67	0.72	0.57	0.59	0.56	0.52
transfusion	0.91	0.93	0.95	<b>0.96</b>	<b>0.96</b>	0.95	0.95	0.95
vehicle	0.61	0.62	0.65	<b>0.66</b>	<b>0.66</b>	<b>0.66</b>	<b>0.66</b>	0.64
yeastME3	0.18	0.16	<b>0.23</b>	0.18	0.14	0.14	0.13	0.19
bupa	0.4	0.64	0.66	0.7	<b>0.76</b>	0.63	0.61	0.64
german	<b>0.77</b>	0.68	0.65	0.74	0.74	0.74	0.71	0.66
horse_colic	0.79	0.78	<b>0.81</b>	<b>0.81</b>	0.8	0.8	0.78	0.78
ionosphere	<b>0.93</b>	0.84	0.83	0.92	<b>0.93</b>	0.92	0.91	<b>0.93</b>
seeds	0.9	0.89	0.9	0.9	<b>0.91</b>	<b>0.91</b>	<b>0.91</b>	0.9
vertebal	0.73	<b>0.74</b>	0.72	0.72	0.73	0.73	0.73	<b>0.74</b>

## Specificity

	NB	5	10	15	30	50	100	200
abalone16_29	<b>0.58</b>	0.45	0.44	0.43	0.44	0.44	0.44	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	0.44	<b>0.45</b>	0.39	0.39	0.41	0.35	0.41	0.41
car	<b>1.0</b>	0.66	<b>1.0</b>	0.83	0.88	0.85	0.82	0.74
cmc	<b>0.61</b>	0.42	0.47	0.51	0.46	0.44	0.45	0.43
ecoli	<b>0.94</b>	0.89	0.8	0.89	0.89	0.89	0.91	0.91
glass	<b>0.82</b>	0.71	0.71	0.76	0.53	0.35	0.53	0.53
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>	0.57	0.54	0.54	0.43	0.43	0.46	0.43
hepatitis	<b>0.78</b>	0.72	0.72	0.72	0.69	0.69	0.69	0.72
new_thyroid	<b>0.87</b>	0.8	<b>0.87</b>	<b>0.87</b>	<b>0.87</b>	<b>0.87</b>	0.83	0.83
postoperative	0.17	<b>0.21</b>	0.12	0.12	0.04	0.0	0.04	0.04
solar_flare	<b>0.93</b>	0.84	0.91	0.91	0.91	<b>0.93</b>	0.91	0.91
transfusion	<b>0.2</b>	0.17	0.16	0.14	0.15	0.16	0.15	0.14
vehicle	<b>0.84</b>	0.77	0.76	0.76	0.81	0.79	0.8	0.8
yeastME3	<b>0.99</b>	<b>0.99</b>	<b>0.99</b>	<b>0.99</b>	<b>0.99</b>	<b>0.99</b>	<b>0.99</b>	<b>0.99</b>
bupa	<b>0.74</b>	0.51	0.54	0.45	0.46	0.55	0.57	0.56
german	0.62	0.68	0.69	0.64	0.65	0.65	0.71	<b>0.74</b>
horse_colic	0.75	<b>0.76</b>	<b>0.76</b>	<b>0.76</b>	0.75	0.75	0.74	0.74
ionosphere	0.76	0.82	<b>0.83</b>	0.79	0.81	0.8	0.81	0.79
seeds	<b>0.91</b>	0.9	0.86	0.86	0.9	<b>0.91</b>	<b>0.91</b>	<b>0.91</b>
vertebal	<b>0.87</b>	0.8	0.86	0.83	0.85	0.85	0.83	0.83

## F-1 klasa mniejszosciowa

	NB	5	10	15	30	50	100	200
abalone16_29	0.19	<b>0.22</b>	<b>0.22</b>	<b>0.22</b>	0.21	0.21	0.21	0.21
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	0.48	<b>0.51</b>	0.46	0.46	0.48	0.43	0.48	0.48
car	0.41	0.33	<b>0.43</b>	0.4	0.41	0.41	0.42	0.41
cmc	<b>0.46</b>	0.41	0.42	0.44	0.41	0.41	0.43	0.41
ecoli	0.47	0.48	0.46	0.5	0.55	0.54	<b>0.56</b>	<b>0.56</b>
glass	0.2	0.23	0.21	0.2	0.21	0.21	0.25	<b>0.26</b>
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>	0.36	0.37	0.38	0.33	0.33	0.36	0.35
hepatitis	<b>0.49</b>	<b>0.49</b>	0.48	<b>0.49</b>	0.48	<b>0.49</b>	0.48	<b>0.49</b>
new_thyroid	0.85	0.86	<b>0.91</b>	<b>0.91</b>	<b>0.91</b>	<b>0.91</b>	0.89	0.89
postoperative	0.21	<b>0.27</b>	0.17	0.17	0.06	0.0	0.06	0.06
solar_flare	0.18	<b>0.23</b>	0.19	0.21	0.15	0.16	0.15	0.14
transfusion	<b>0.27</b>	0.25	0.24	0.22	0.24	0.24	0.22	0.22
vehicle	0.54	0.51	0.53	0.53	<b>0.56</b>	0.55	0.55	0.54
yeastME3	0.23	0.22	<b>0.24</b>	0.23	0.22	0.22	0.22	0.23
bupa	<b>0.57</b>	0.5	0.53	0.48	0.51	0.53	0.54	0.54
german	0.58	0.56	0.55	0.57	0.58	0.58	<b>0.59</b>	0.58
horse_colic	0.71	0.71	<b>0.73</b>	<b>0.73</b>	0.72	0.72	0.7	0.7
ionosphere	0.81	0.78	0.78	0.81	<b>0.84</b>	0.82	0.82	0.82
seeds	0.86	0.85	0.83	0.83	0.86	<b>0.87</b>	<b>0.87</b>	0.86
vertebal	<b>0.72</b>	0.68	0.7	0.69	0.7	0.7	0.69	0.7

## G-mean

	NB	5	10	15	30	50	100	200
abalone16_29	<b>0.63</b>	0.61	0.6	0.6	0.6	0.6	0.6	0.6
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	0.6	<b>0.62</b>	0.58	0.58	0.6	0.56	0.6	0.6
car	0.94	0.78	<b>0.95</b>	0.87	0.89	0.88	0.87	0.83
cmc	<b>0.65</b>	0.58	0.61	0.62	0.6	0.59	0.6	0.59
ecoli	0.85	0.84	0.8	0.85	0.86	0.86	<b>0.88</b>	<b>0.88</b>
glass	0.61	<b>0.66</b>	0.63	0.61	0.6	0.54	0.64	0.65
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>	0.67	0.67	0.67	0.6	0.6	0.63	0.61
hepatitis	<b>0.7</b>	<b>0.7</b>	<b>0.7</b>	<b>0.7</b>	0.69	<b>0.7</b>	0.69	<b>0.7</b>
new_thyroid	0.92	0.89	<b>0.93</b>	<b>0.93</b>	<b>0.93</b>	<b>0.93</b>	0.91	0.91
postoperative	0.38	<b>0.43</b>	0.33	0.33	0.19	0.0	0.19	0.19
solar_flare	0.77	0.8	0.78	<b>0.81</b>	0.72	0.74	0.71	0.69
transfusion	<b>0.43</b>	0.4	0.39	0.37	0.38	0.39	0.37	0.37
vehicle	0.72	0.69	0.7	0.71	<b>0.73</b>	0.72	<b>0.73</b>	0.72
yeastME3	0.42	0.4	<b>0.48</b>	0.43	0.38	0.37	0.35	0.44
bupa	0.55	0.57	0.59	0.56	0.59	0.59	0.59	<b>0.6</b>
german	0.69	0.68	0.67	0.69	0.69	0.69	<b>0.71</b>	0.7
horse_colic	0.77	0.77	<b>0.79</b>	<b>0.79</b>	0.78	0.77	0.76	0.76
ionosphere	0.84	0.83	0.83	0.85	<b>0.87</b>	0.86	0.86	0.86
seeds	<b>0.91</b>	0.9	0.88	0.88	0.9	<b>0.91</b>	<b>0.91</b>	<b>0.91</b>
vertebal	<b>0.8</b>	0.77	0.79	0.78	0.79	0.79	0.78	0.78