

## Accuracy

	NB	5	10	15	30	50	100	200
abalone16_29	0.68	0.74	<b>0.75</b>	<b>0.75</b>	0.73	0.74	0.74	0.74
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>	<b>0.73</b>	<b>0.73</b>	<b>0.73</b>	0.72	<b>0.73</b>	<b>0.73</b>
car	0.89	0.77	0.81	0.89	<b>0.9</b>	<b>0.9</b>	<b>0.9</b>	<b>0.9</b>
cmc	0.68	<b>0.72</b>	0.71	0.7	0.71	<b>0.72</b>	<b>0.72</b>	<b>0.72</b>
ecoli	0.78	<b>0.84</b>	0.82	0.81	0.82	<b>0.84</b>	<b>0.84</b>	0.83
glass	0.48	0.44	0.46	0.45	0.52	0.55	<b>0.58</b>	0.57
haberman	0.73	0.73	<b>0.74</b>	<b>0.74</b>	<b>0.74</b>	<b>0.74</b>	<b>0.74</b>	<b>0.74</b>
heart_cleveland	0.81	<b>0.83</b>	0.81	0.81	0.81	0.82	0.82	<b>0.83</b>
hepatitis	0.66	0.68	<b>0.69</b>	0.68	<b>0.69</b>	<b>0.69</b>	<b>0.69</b>	0.68
new_thyroid	0.96	0.97	0.97	<b>0.98</b>	0.97	0.97	0.97	0.97
postoperative	<b>0.67</b>	0.66	0.66	0.64	0.62	0.62	0.62	0.63
solar_flare	0.65	<b>0.79</b>	0.72	0.67	0.57	0.6	0.58	0.6
transfusion	0.74	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>
vehicle	0.66	0.66	0.67	0.68	<b>0.69</b>	0.68	0.68	0.68
yeastME3	0.27	0.24	<b>0.36</b>	<b>0.36</b>	0.3	0.3	0.26	0.28
bupa	0.54	<b>0.62</b>	0.55	0.59	0.58	0.6	0.58	0.6
german	0.73	0.73	0.73	<b>0.74</b>	0.73	<b>0.74</b>	<b>0.74</b>	0.73
horse_colic	0.78	0.77	0.78	0.79	<b>0.8</b>	<b>0.8</b>	0.79	0.78
ionosphere	0.87	0.85	0.86	<b>0.89</b>	0.88	0.87	0.88	0.87
seeds	0.9	0.9	0.89	0.89	<b>0.91</b>	0.9	0.9	0.9
vertebal	<b>0.78</b>	<b>0.78</b>	0.77	0.77	0.77	0.77	0.77	0.77

## Sensitivity

	NB	5	10	15	30	50	100	200
abalone16_29	0.69	<b>0.76</b>	<b>0.76</b>	<b>0.76</b>	0.75	0.75	<b>0.76</b>	<b>0.76</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	0.86	<b>0.87</b>	<b>0.87</b>	0.86	0.86	0.86	0.86
car	0.89	0.76	0.8	0.89	0.89	<b>0.9</b>	<b>0.9</b>	<b>0.9</b>
cmc	0.7	<b>0.79</b>	0.77	0.75	0.76	0.77	0.78	0.78
ecoli	0.76	<b>0.83</b>	0.81	0.8	0.81	<b>0.83</b>	<b>0.83</b>	0.82
glass	0.45	0.4	0.43	0.42	0.49	0.54	<b>0.57</b>	0.56
haberman	0.93	0.94	<b>0.95</b>	0.94	0.94	<b>0.95</b>	<b>0.95</b>	<b>0.95</b>
heart_cleveland	0.83	<b>0.87</b>	0.85	0.85	0.85	<b>0.87</b>	0.86	<b>0.87</b>
hepatitis	0.63	0.67	<b>0.68</b>	0.67	<b>0.68</b>	<b>0.68</b>	0.67	0.66
new_thyroid	0.97	<b>0.99</b>	0.98	<b>0.99</b>	<b>0.99</b>	<b>0.99</b>	<b>0.99</b>	<b>0.99</b>
postoperative	<b>0.85</b>	0.83	0.82	0.8	0.8	0.8	0.8	0.82
solar_flare	0.64	<b>0.79</b>	0.71	0.66	0.55	0.58	0.56	0.58
transfusion	0.91	0.93	0.94	<b>0.96</b>	<b>0.96</b>	0.95	0.95	<b>0.96</b>
vehicle	0.61	0.62	0.63	0.64	<b>0.65</b>	0.63	0.64	0.63
yeastME3	0.18	0.15	<b>0.28</b>	<b>0.28</b>	0.21	0.22	0.16	0.19
bupa	0.4	<b>0.68</b>	0.43	0.5	0.49	0.52	0.52	0.55
german	0.77	<b>0.8</b>	0.78	<b>0.8</b>	0.79	0.79	0.79	0.77
horse_colic	0.79	0.79	0.79	<b>0.81</b>	<b>0.81</b>	<b>0.81</b>	<b>0.81</b>	<b>0.81</b>
ionosphere	0.93	0.91	0.92	<b>0.96</b>	0.95	0.94	0.93	0.93
seeds	0.9	0.9	0.9	0.9	<b>0.91</b>	0.9	0.9	0.9
vertebal	0.73	0.72	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>	0.53	0.52	0.5	0.51	0.51	0.51	0.51
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>	0.42	0.41	0.4	0.41	0.38	<b>0.44</b>	0.42
car	<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>
cmc	<b>0.61</b>	0.47	0.5	0.53	0.53	0.53	0.52	0.51
ecoli	<b>0.94</b>	0.86	0.86	0.89	0.91	0.91	0.91	0.91
glass	0.82	<b>0.94</b>	0.88	0.88	0.82	0.65	0.71	0.71
haberman	0.17	0.14	0.17	<b>0.19</b>	0.16	0.15	0.15	0.16
heart_cleveland	<b>0.63</b>	0.46	0.49	0.49	0.49	0.46	0.49	0.49
hepatitis	<b>0.78</b>	0.69	0.72	0.72	0.72	0.72	0.75	0.75
new_thyroid	<b>0.87</b>	0.83	<b>0.87</b>	<b>0.87</b>	<b>0.87</b>	<b>0.87</b>	<b>0.87</b>	<b>0.87</b>
postoperative	0.17	0.17	<b>0.21</b>	<b>0.21</b>	0.12	0.12	0.12	0.12
solar_flare	<b>0.93</b>	0.79	<b>0.93</b>	<b>0.93</b>	<b>0.93</b>	<b>0.93</b>	<b>0.93</b>	<b>0.93</b>
transfusion	<b>0.2</b>	0.16	0.16	0.15	0.15	0.16	0.16	0.16
vehicle	<b>0.84</b>	0.79	0.79	0.8	0.82	0.81	0.81	0.82
yeastME3	<b>0.99</b>	<b>0.99</b>	0.98	0.98	<b>0.99</b>	<b>0.99</b>	<b>0.99</b>	<b>0.99</b>
bupa	<b>0.74</b>	0.55	0.72	0.72	0.71	0.7	0.67	0.67
german	0.62	0.58	0.6	0.59	0.6	0.61	0.61	<b>0.64</b>
horse_colic	0.75	0.74	0.75	0.74	<b>0.77</b>	<b>0.77</b>	0.75	0.74
ionosphere	0.76	0.75	0.77	0.75	0.75	0.75	<b>0.78</b>	0.75
seeds	<b>0.91</b>	<b>0.91</b>	0.87	0.87	<b>0.91</b>	<b>0.91</b>	<b>0.91</b>	<b>0.91</b>
vertebal	0.87	<b>0.91</b>	0.86	0.86	0.86	0.86	0.86	0.85

## F-1 klasa mniejszosciowa

	NB	5	10	15	30	50	100	200
abalone16_29	0.19	0.2	<b>0.21</b>	0.2	0.19	0.2	0.2	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	0.48	0.48	0.48	0.47	0.47	0.44	<b>0.49</b>	0.48
car	0.41	0.25	0.29	0.4	0.42	0.43	0.43	<b>0.44</b>
cmc	<b>0.46</b>	0.43	0.43	0.44	0.45	<b>0.46</b>	<b>0.46</b>	0.45
ecoli	0.47	0.52	0.5	0.49	0.51	<b>0.54</b>	<b>0.54</b>	0.52
glass	0.2	<b>0.21</b>	<b>0.21</b>	0.2	<b>0.21</b>	0.19	<b>0.21</b>	<b>0.21</b>
haberman	0.25	0.21	0.26	<b>0.28</b>	0.24	0.23	0.23	0.25
heart_cleveland	<b>0.43</b>	0.38	0.37	0.37	0.37	0.37	0.38	0.39
hepatitis	0.49	0.47	0.49	0.48	0.49	0.49	<b>0.5</b>	0.49
new_thyroid	0.85	0.88	0.88	<b>0.91</b>	0.9	0.9	0.9	0.9
postoperative	0.21	0.21	<b>0.24</b>	<b>0.24</b>	0.15	0.15	0.15	0.15
solar_flare	0.18	<b>0.24</b>	0.21	0.19	0.15	0.16	0.15	0.16
transfusion	<b>0.27</b>	0.23	0.24	0.23	0.23	0.24	0.24	0.24
vehicle	0.54	0.52	0.53	0.54	<b>0.55</b>	0.54	0.54	0.54
yeastME3	0.23	0.22	<b>0.25</b>	<b>0.25</b>	0.24	0.24	0.23	0.23
bupa	0.57	0.55	0.57	<b>0.59</b>	0.58	<b>0.59</b>	0.57	0.58
german	0.58	0.57	0.57	0.58	0.57	0.58	0.58	<b>0.59</b>
horse_colic	0.71	0.7	0.71	0.72	<b>0.74</b>	<b>0.74</b>	0.73	0.71
ionosphere	0.81	0.78	0.8	<b>0.83</b>	0.82	0.81	0.82	0.8
seeds	0.86	0.86	0.84	0.84	<b>0.87</b>	0.86	0.86	0.86
vertebal	0.72	<b>0.73</b>	0.7	0.7	0.71	0.71	0.71	0.71

## G-mean

	NB	5	10	15	30	50	100	200
abalone16_29	<b>0.63</b>	<b>0.63</b>	<b>0.63</b>	0.62	0.62	0.62	0.62	0.62
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	0.6	0.6	0.59	0.6	0.57	<b>0.61</b>	0.6
car	0.94	0.87	0.9	0.94	<b>0.95</b>	<b>0.95</b>	<b>0.95</b>	<b>0.95</b>
cmc	<b>0.65</b>	0.61	0.62	0.63	0.64	0.64	0.63	0.63
ecoli	0.85	0.85	0.84	0.84	0.86	<b>0.87</b>	<b>0.87</b>	0.86
glass	0.61	0.61	0.61	0.61	<b>0.64</b>	0.59	0.63	0.63
haberman	0.4	0.36	0.4	<b>0.42</b>	0.39	0.37	0.37	0.39
heart_cleveland	<b>0.72</b>	0.63	0.64	0.64	0.64	0.63	0.65	0.65
hepatitis	0.7	0.68	0.7	0.7	0.7	0.7	<b>0.71</b>	0.7
new_thyroid	0.92	0.91	0.92	<b>0.93</b>	<b>0.93</b>	<b>0.93</b>	<b>0.93</b>	<b>0.93</b>
postoperative	0.38	0.37	<b>0.41</b>	<b>0.41</b>	0.32	0.32	0.32	0.32
solar_flare	0.77	0.79	<b>0.81</b>	0.78	0.72	0.74	0.72	0.74
transfusion	<b>0.43</b>	0.39	0.39	0.38	0.38	0.39	0.39	0.39
vehicle	0.72	0.7	0.71	0.72	<b>0.73</b>	0.72	0.72	0.72
yeastME3	0.42	0.39	<b>0.53</b>	0.52	0.46	0.47	0.4	0.43
bupa	0.55	<b>0.61</b>	0.56	0.6	0.59	0.6	0.59	<b>0.61</b>
german	0.69	0.68	0.69	0.69	0.69	0.69	<b>0.7</b>	<b>0.7</b>
horse_colic	0.77	0.76	0.77	0.78	<b>0.79</b>	<b>0.79</b>	0.78	0.77
ionosphere	0.84	0.82	0.84	<b>0.85</b>	0.84	0.84	<b>0.85</b>	0.83
seeds	<b>0.91</b>	<b>0.91</b>	0.89	0.89	<b>0.91</b>	<b>0.91</b>	<b>0.91</b>	<b>0.91</b>
vertebal	0.8	<b>0.81</b>	0.79	0.79	0.79	0.79	0.79	0.79