Accuracy

	NB	5	10	15	30	50	100	200
abalone16_29	0.68	0.88	0.88	**0.89**	0.88	0.88	**0.89**	**0.89**
balance_scale	**0.92**	**0.92**	**0.92**	**0.92**	**0.92**	**0.92**	**0.92**	**0.92**
breast_cancer	0.72	0.71	**0.73**	0.72	0.72	0.72	0.71	0.72
car	0.89	0.96	0.91	0.93	0.92	0.95	0.95	**0.97**
cmc	0.68	0.76	**0.78**	0.76	0.77	0.77	0.77	0.77
ecoli	0.78	**0.93**	0.86	0.85	0.88	0.83	0.85	0.84
glass	0.48	0.43	0.67	0.54	0.83	0.83	**0.86**	**0.86**
haberman	0.73	0.73	**0.74**	0.73	0.73	**0.74**	**0.74**	**0.74**
heart_cleveland	0.81	0.84	0.84	0.84	0.85	0.85	**0.86**	0.85
hepatitis	0.66	0.71	**0.73**	0.72	0.72	0.72	0.7	0.68
new_thyroid	0.96	0.97	0.97	**0.98**	**0.98**	**0.98**	0.97	0.97
postoperative	0.67	**0.7**	0.69	0.66	0.66	0.64	0.63	0.63
solar_flare	0.65	0.89	0.91	**0.92**	0.9	0.87	0.71	0.67
transfusion	0.74	**0.77**	0.76	0.76	0.76	0.76	0.76	0.76
vehicle	0.66	0.65	0.68	**0.69**	0.68	0.68	0.68	0.68
yeastME3	0.27	0.38	**0.43**	0.37	0.33	0.36	0.26	**0.43**
bupa	0.54	0.58	0.62	0.62	0.63	0.64	0.64	**0.65**
german	0.73	0.75	0.75	**0.76**	0.74	0.75	0.74	0.74
horse_colic	0.78	0.75	0.76	0.79	0.77	0.78	**0.8**	0.79
ionosphere	**0.87**	0.8	0.83	0.85	0.85	0.84	0.85	0.85
seeds	0.9	**0.91**	0.89	0.89	0.9	0.9	**0.91**	**0.91**
vertebal	**0.78**	0.75	0.76	0.76	0.77	0.76	0.76	0.76

Sensitivity

	NB	5	10	15	30	50	100	200
abalone16_29	0.69	0.92	0.92	0.93	0.93	0.93	0.93	**0.94**
balance_scale	**1.0**	**1.0**	**1.0**	**1.0**	**1.0**	**1.0**	**1.0**	**1.0**
breast_cancer	0.84	**0.95**	0.93	0.92	0.9	0.91	0.9	0.9
car	0.89	**1.0**	0.91	0.94	0.92	0.97	0.97	0.99
cmc	0.7	0.93	0.94	0.93	0.94	**0.96**	**0.96**	**0.96**
ecoli	0.76	**1.0**	0.9	0.91	0.93	0.86	0.88	0.87
glass	0.45	0.39	0.69	0.54	0.87	0.87	**0.91**	0.9
haberman	0.93	0.95	0.97	0.94	0.96	0.97	0.98	**0.99**
heart_cleveland	0.83	0.91	0.91	0.91	0.94	0.94	**0.95**	**0.95**
hepatitis	0.63	0.7	**0.72**	0.7	**0.72**	0.71	0.67	0.64
new_thyroid	0.97	0.99	0.99	**1.0**	0.99	**1.0**	**1.0**	**1.0**
postoperative	0.85	**0.91**	0.89	0.85	0.88	0.85	0.86	0.86
solar_flare	0.64	0.9	0.93	**0.94**	0.92	0.88	0.71	0.66
transfusion	0.91	0.97	**0.98**	0.97	**0.98**	0.97	**0.98**	**0.98**
vehicle	0.61	0.64	0.69	**0.7**	0.67	0.69	0.68	0.67
yeastME3	0.18	0.31	**0.37**	0.3	0.25	0.29	0.17	0.36
bupa	0.4	0.76	0.7	0.82	**0.85**	0.82	0.8	**0.85**
german	0.77	0.89	0.88	0.89	0.89	**0.9**	0.89	0.87
horse_colic	0.79	0.77	0.79	**0.84**	0.8	0.8	**0.84**	0.82
ionosphere	0.93	0.85	0.85	**0.95**	0.87	0.85	0.88	0.89
seeds	0.9	0.9	**0.91**	**0.91**	**0.91**	0.9	**0.91**	**0.91**
vertebal	0.73	**0.77**	0.73	0.73	0.73	0.74	0.74	0.75

Specificity

	NB	5	10	15	30	50	100	200
abalone16_29	**0.58**	0.29	0.28	0.27	0.25	0.23	0.23	0.23
balance_scale	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**
breast_cancer	**0.44**	0.16	0.26	0.24	0.28	0.27	0.27	0.29
car	**1.0**	0.0	**1.0**	0.68	0.86	0.34	0.34	0.32
cmc	**0.61**	0.18	0.22	0.19	0.16	0.11	0.1	0.1
ecoli	**0.94**	0.34	0.51	0.37	0.46	0.54	0.54	0.6
glass	0.82	**0.94**	0.53	0.59	0.29	0.29	0.24	0.29
haberman	**0.17**	0.12	0.09	0.12	0.1	0.07	0.07	0.02
heart_cleveland	**0.63**	0.31	0.29	0.31	0.17	0.23	0.2	0.14
hepatitis	0.78	0.75	0.75	0.78	0.72	0.75	**0.81**	**0.81**
new_thyroid	**0.87**	0.8	0.8	0.83	**0.87**	0.83	0.8	0.8
postoperative	**0.17**	0.12	0.12	0.12	0.04	0.08	0.0	0.0
solar_flare	**0.93**	0.63	0.47	0.49	0.49	0.6	0.91	**0.93**
transfusion	**0.2**	0.11	0.09	0.08	0.09	0.11	0.09	0.09
vehicle	**0.84**	0.69	0.65	0.68	0.71	0.67	0.7	0.71
yeastME3	**0.99**	0.98	**0.99**	0.98	0.98	**0.99**	**0.99**	0.98
bupa	**0.74**	0.33	0.5	0.33	0.33	0.39	0.41	0.37
german	**0.62**	0.43	0.44	0.46	0.41	0.39	0.4	0.45
horse_colic	**0.75**	0.72	0.71	0.71	0.73	0.74	0.73	0.73
ionosphere	0.76	0.71	0.8	0.69	**0.83**	**0.83**	0.8	0.79
seeds	0.91	**0.94**	0.84	0.86	0.89	0.89	0.91	0.91
vertebal	**0.87**	0.7	0.83	0.82	0.84	0.8	0.8	0.79

F-1 klasa mniejszosciowa

	NB	5	10	15	30	50	100	200
abalone16_29	0.19	**0.24**	0.22	**0.24**	0.21	0.2	0.2	0.21
balance_scale	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**
breast_cancer	**0.48**	0.25	0.36	0.33	0.37	0.37	0.36	0.38
car	0.41	0.0	**0.46**	0.42	0.44	0.34	0.32	0.44
cmc	**0.46**	0.25	0.31	0.26	0.24	0.17	0.16	0.16
ecoli	0.47	**0.5**	0.44	0.34	0.45	0.4	0.43	0.44
glass	0.2	0.21	0.2	0.17	0.21	0.21	0.21	**0.24**
haberman	**0.25**	0.2	0.15	0.19	0.16	0.13	0.13	0.05
heart_cleveland	**0.43**	0.31	0.29	0.31	0.21	0.27	0.25	0.19
hepatitis	0.49	0.52	**0.53**	**0.53**	0.52	0.52	**0.53**	0.51
new_thyroid	0.85	0.87	0.87	**0.91**	**0.91**	**0.91**	0.89	0.89
postoperative	**0.21**	0.18	0.18	0.16	0.06	0.11	0.0	0.0
solar_flare	0.18	0.31	0.29	**0.33**	0.29	0.27	0.2	0.18
transfusion	**0.27**	0.18	0.15	0.14	0.15	0.18	0.16	0.15
vehicle	**0.54**	0.48	0.49	0.51	0.51	0.5	0.51	0.51
yeastME3	0.23	0.26	**0.28**	0.26	0.24	0.25	0.23	0.27
bupa	**0.57**	0.4	0.52	0.42	0.42	0.47	0.48	0.47
german	**0.58**	0.51	0.52	0.54	0.49	0.48	0.48	0.51
horse_colic	0.71	0.68	0.69	0.71	0.7	0.71	**0.73**	0.71
ionosphere	**0.81**	0.72	0.78	0.77	0.8	0.79	0.8	0.8
seeds	0.86	**0.88**	0.84	0.84	0.86	0.85	0.87	0.87
vertebal	**0.72**	0.64	0.69	0.69	0.7	0.68	0.68	0.68

G-mean

	NB	5	10	15	30	50	100	200
abalone16_29	**0.63**	0.52	0.5	0.5	0.48	0.47	0.46	0.46
balance_scale	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**
breast_cancer	**0.6**	0.39	0.49	0.47	0.5	0.5	0.49	0.51
car	0.94	0.0	**0.95**	0.8	0.89	0.57	0.57	0.57
cmc	**0.65**	0.41	0.46	0.42	0.39	0.32	0.31	0.3
ecoli	**0.85**	0.58	0.68	0.58	0.65	0.68	0.69	0.72
glass	**0.61**	**0.61**	0.6	0.56	0.51	0.51	0.46	0.52
haberman	**0.4**	0.34	0.29	0.34	0.31	0.27	0.27	0.16
heart_cleveland	**0.72**	0.53	0.51	0.53	0.4	0.46	0.44	0.37
hepatitis	0.7	0.72	**0.74**	**0.74**	0.72	0.73	**0.74**	0.72
new_thyroid	0.92	0.89	0.89	0.91	**0.93**	0.91	0.89	0.89
postoperative	**0.38**	0.34	0.33	0.33	0.19	0.27	0.0	0.0
solar_flare	0.77	0.75	0.66	0.68	0.67	0.73	**0.8**	0.78
transfusion	**0.43**	0.32	0.3	0.29	0.3	0.32	0.3	0.3
vehicle	**0.72**	0.66	0.67	0.69	0.69	0.68	0.69	0.69
yeastME3	0.42	0.55	**0.6**	0.54	0.49	0.53	0.4	0.59
bupa	0.55	0.5	**0.59**	0.52	0.53	0.57	0.57	0.56
german	**0.69**	0.62	0.63	0.64	0.6	0.59	0.6	0.62
horse_colic	0.77	0.74	0.75	0.77	0.76	0.77	**0.78**	0.77
ionosphere	0.84	0.78	0.83	0.81	**0.85**	0.84	0.84	0.84
seeds	0.91	**0.92**	0.88	0.88	0.9	0.89	0.91	0.91
vertebal	**0.8**	0.73	0.78	0.77	0.78	0.77	0.77	0.77