Outcomes of the experiments with the models: *precision* (P), *recall* (R), *F 1-measure* (F 1) and *Geometric mean score* (G m) ± standard deviation averaged over the 10 classification problems per KG

TARGET CLASS #1				
financial-abbrev-t.nt.Class_18_69 ≡ [financial-abbrev.From25To35 | financial-abbrev.Some_hasPermanentOrder_range]				

	# Individuals			
	Positive	**Negative**	**Unlabeled**	
	158	773	69	

	Models			
Measures	**MBNB**	**MBNB-EM**	**HBM**	**LogReg**
Precision	1.000 ± 0.001	1.000 ± 1.001	0,860 ± 0.000	0,860 ± 0.000
Recall	1.000 ± 0.001	1.000 ± 0.001	0.832 ± 0.000	0.832 ± 0.000
F 1	1.000 ± 0.001	1.000 ± 0.001	0.755 ± 0.000	0.755 ± 0.000
G m	0.999 ± 0.003	0.999 ± 0.003	0.374 ± 0.000	0.374 ± 0.000

TARGET CLASS #2				
financial-abbrev-t.nt.Class_26_68≡ [financial-abbrev.CreditCardWithdrawal | financial-abbrev.Some_isOwnerOf_range]				

	# Individuals			
	Positive	**Negative**	**Unlabeled**	
	217	742	41	

	Models			
Measures	**MBNB**	**MBNB-EM**	**HBM**	**LogReg**
Precision	1.000 ± 0.000	1.000 ± 0.000	0.983 ± 0.052	0.825 ± 0.000
Recall	1.000 ± 0.000	1.000 ± 0.000	0.977 ± 0.068	0.774 ± 0.000
F 1	1.000 ± 0.000	1.000 ± 0.000	0.968 ± 0.097	0.676 ± 0.000
G m	1.000 ± 0.000	1.000 ± 0.000	0.942 ± 0.175	0.418 ± 0.000

TARGET CLASS #3				
*financial-abbrev-t.nt.Class_2_30≡ [financial-abbrev.Account	financial-abbrev.NorthBohemia]*				

	# Individuals			
	Positive	Negative	Unlabeled	
	223	773	4	

	Models			
Measures	MBNB	MBNB-EM	HBM	LogReg
Precision	0.999 ± 0.002	0.999 ± 0.002	0.848 ± 0.040	0.826 ± 0.000
Recall	0.999 ± 0.002	0.999 ± 0.002	0.773 ± 0.079	0.776 ± 0.000
F_1	0.999 ± 0.002	0.999 ± 0.002	0.709 ± 0.088	0.678 ± 0.000
G_m	0.998 ± 0.003	0.998 ± 0.003	0.544 ± 0.202	0.417 ± 0.000

TARGET CLASS #4				
*financial-abbrev-t.nt.Class_44_16≡ [financial-abbrev.Finished	financial-abbrev.Below18]*				

	# Individuals			
	Positive	Negative	Unlabeled	
	24	972	4	

	Models			
Measures	MBNB	MBNB-EM	HBM	LogReg
Precision	0.980 ± 0.001	0.979 ± 0.002	0.977 ± 0.000	0.977 ± 0.000
Recall	0.902 ± 0.040	0.926 ± 0.052	0.977 ± 0.000	0.977 ± 0.000
F_1	0.930 ± 0.020	0.941 ± 0.025	0.965 ± 0.000	0.965 ± 0.000
G_m	0.781 ± 0.315	0.543 ± 0.391	0.151 ± 0.000	0.151 ± 0.000

TARGET CLASS #5				
*financial-abbrev-t.nt.Class_48_53≡ [financial-abbrev.Leasing	financial-abbrev.NoProblemsFinishedLoan]*				

	# Individuals			
	Positive	**Negative**	**Unlabeled**	
	22	974	4	

	Models			
Measures	**MBNB**	**MBNB-EM**	**HBM**	**LogReg**
Precision	0.977 ± 0.001	0.977 ± 0.000	0.977 ± 0.000	0.977 ± 0.000
Recall	0.965 ± 0.036	0.977 ± 0.000	0.977 ± 0.000	0.977 ± 0.000
F_1	0.959 ± 0.018	0.965 ± 0.000	0.965 ± 0.000	0.965 ± 0.000
G_m	0.228 ± 0.232	0.151 ± 0.000	0.151 ± 0.000	0.151 ± 0.000

TARGET CLASS #6				
*financial-abbrev-t.nt.Class_53_38≡ [financial-abbrev.NoProblemsFinishedLoan	financial-abbrev.DebtRunningLoan]*				

	# Individuals			
	Positive	**Negative**	**Unlabeled**	
	25	972	3	

	Models			
Measures	**MBNB**	**MBNB-EM**	**HBM**	**LogReg**
Precision	0.981 ± 0.001	0.979 ± 0.002	0.977 ± 0.000	0.977 ± 0.000
Recall	0.891 ± 0.021	0.909 ± 0.046	0.977 ± 0.000	0.977 ± 0.000
F_1	0.926 ± 0.013	0.933 ± 0.022	0.965 ± 0.000	0.965 ± 0.000
G_m	0.942 ± 0.011	0.701 ± 0.360	0.151 ± 0.000	0.151 ± 0.000

TARGET CLASS #7				
financial-abbrev-t.nt.Class_58_63≡ [financial-abbrev.WestBohemia | financial-abbrev.Some_hasLoan_range]				

	# Individuals			
	Positive	Negative	Unlabeled	
	46	767	187	

Models				
Measures	MBNB	MBNB-EM	HBM	LogReg
Precision	0.998 ± 0.002	0.998 ± 0.002	0.930 ± 0.046	0.946 ± 0.000
Recall	0.998 ± 0.002	0.998 ± 0.002	0.861 ± 0.147	0.943 ± 0.000
F_1	0.998 ± 0.002	0.998 ± 0.002	0.876 ± 0.097	0.915 ± 0.000
G_m	0.986 ± 0.018	0.986 ± 0.018	0.344 ± 0.285	0.233 ± 0.000

TARGET CLASS #8				
financial-abbrev-t.nt.Class_63_17≡ [financial-abbrev.Some_hasLoan_range | financial-abbrev.From18To25]				

	# Individuals			
	Positive	Negative	Unlabeled	
	46	773	181	

Models				
Measures	MBNB	MBNB-EM	HBM	LogReg
Precision	0.998 ± 0.002	0.998 ± 0.002	0.946 ± 0.000	0.946 ± 0.000
Recall	0.998 ± 0.002	0.998 ± 0.002	0.943 ± 0.000	0.943 ± 0.000
F_1	0.998 ± 0.002	0.998 ± 0.002	0.915 ± 0.000	0.915 ± 0.000
G_m	0.986 ± 0.018	0.986 ± 0.018	0.232 ± 0.000	0.233 ± 0.000

TARGET CLASS #9				
financial-abbrev-t.nt.Class_69_64≡ [financial-abbrev.Some_hasPermanentOrder_range | financial-abbrev.Some_hasAgeValue_range]				

	# Individuals			
	Positive	**Negative**	**Unlabeled**	
	412	520	68	

Models				
Measures	**MBNB**	**MBNB-EM**	**HBM**	**LogReg**
Precision	1.000 ± 0.000	1.000 ± 0.000	0.869 ± 0.005	0.858 ± 0.053
Recall	1.000 ± 0.000	1.000 ± 0.000	0.828 ± 0.009	0.787 ± 0.115
F_1	1.000 ± 0.000	1.000 ± 0.000	0.819 ± 0.010	0.754 ± 0.178
G_m	1.000 ± 0.000	1.000 ± 0.000	0.805 ± 0.010	0.787 ± 0.145

TARGET CLASS #10				
financial-abbrev-t.nt.Class_74_0≡ [financial-abbrev.Some_livesIn_range | financial-abbrev.Above65]				

	# Individuals			
	Positive	**Negative**	**Unlabeled**	
	256	736	8	

Models				
Measures	**MBNB**	**MBNB-EM**	**HBM**	**LogReg**
Precision	0.999 ± 0.002	0.999 ± 0.002	0.980 ± 0.057	0.808 ± 0.000
Recall	0.999 ± 0.002	0.999 ± 0.002	0.973 ± 0.077	0.742 ± 0.000
F_1	0.999 ± 0.002	0.999 ± 0.002	0.962 ± 0.110	0.632 ± 0.000
G_m	0.997 ± 0.003	0.997 ± 0.003	0.942 ± 0.168	0.438 ± 0.000

MEANS				
Models				
Measures	**MBNB**	**MBNB-EM**	**HBM**	**LogReg**
Precision	0.993 ± 0.009	0.993 ± 0.009	0.935 ± 0.052	0.900 ± 0.067
Recall	0.975 ± 0.041	0.981 ± 0.032	0.912 ± 0.076	0.873 ± 0.094
F_1	0.981 ± 0.029	0.983 ± 0.025	0.890 ± 0.092	0.822 ± 0.129
G_m	0.891 ± 0.230	0.836 ± 0.274	0.464 ± 0.308	0.335 ± 0.188

Nemenyi-Friedman results calculated over the means				
Models	**MBNB**	**MBNB-EM**	**HBM**	**LogReg**
MBNB	1.000000	0.900000	0.354855	0.031375
MBNB_EM	0.900000	1.000000	0.354855	0.031375
HBM	0.354855	0.354855	1.000000	0.670273
LogReg	0.031375	0.031375	0.670273	1.000000