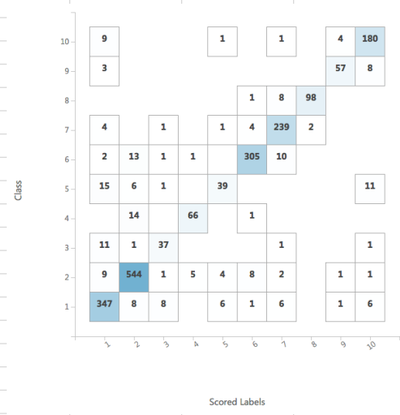
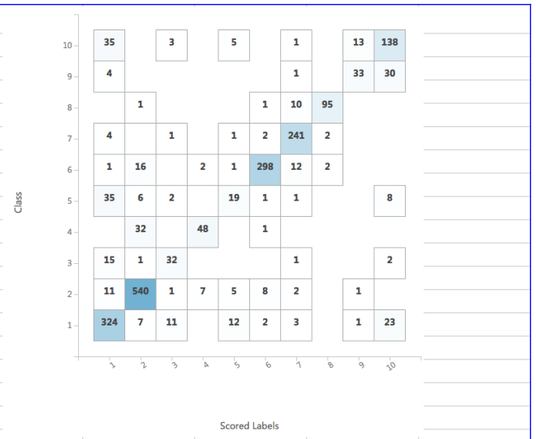
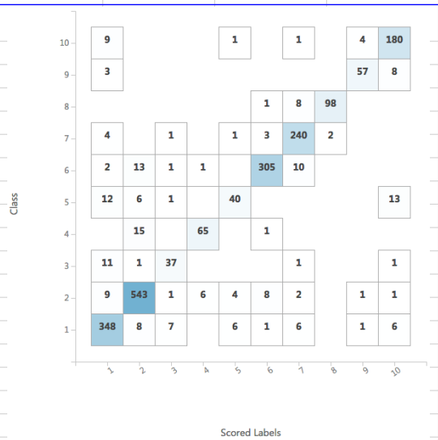
Ranking	Name of run, name of algorithm	Parameters of algorithm	Value	Test/Training Split	Scaling	Precision/Class	Value	Confusion Matrix
INITIAL SOLUTION	Decision Forest Bagging Best From A)	Resampling method	Bagging	10-fold Cross-Validation	No-scaling	Precision for Class "1"	0.8692422699	
	Multiclass Decision Forest	Create trainer mode	Single Parameter			Precision for Class "2"	0.9278368852	
						Precision for Class "3"	0.7658333333	
		Number of decision drees	32			Precision for Class "4"	0.9145598846	
		Maximum depth of the decision trees	64			Precision for Class "5"	0.7657142857	
		Number of random splits per node	1024			Precision for Class "6"	0.9561657074	
		Minimum number of samples per leaf node	1			Precision for Class "7"	0.892614089	
		Allow unknown values for categorical features	TRUE			Precision for Class "8"	0.9716666667	
						Precision for Class "9"	0.9107070707	
						Precision for Class "10"	0.8711565705	
						meanPrecision	**0.8845496763**	
						stdPrecision	0.06698580231	
	Decision Forest Bagging ZScore	Resampling method	Bagging	10-fold Cross-Validation	ZScore	Precision for Class "1"	0.8692422699	
	Multiclass Decision Forest	Create trainer mode	Single Parameter			Precision for Class "2"	0.9278368852	
						Precision for Class "3"	0.7658333333	
		Number of decision drees	32			Precision for Class "4"	0.9145598846	
		Maximum depth of the decision trees	64			Precision for Class "5"	0.7657142857	
		Number of random splits per node	1024			Precision for Class "6"	0.9561657074	
		Minimum number of samples per leaf node	1			Precision for Class "7"	0.892614089	
		Allow unknown values for categorical features	TRUE			Precision for Class "8"	0.9716666667	
						Precision for Class "9"	0.9107070707	
						Precision for Class "10"	0.8711565705	
						meanPrecision	**0.8845496763**	
						stdPrecision	0.06698580231	
	Decision Forest Bagging MinMax	Resampling method	Bagging	10-fold Cross-Validation	MinMax	Precision for Class "1"	0.8692422699	
	Multiclass Decision Forest	Create trainer mode	Single Parameter			Precision for Class "2"	0.9278368852	
						Precision for Class "3"	0.7658333333	
		Number of decision drees	32			Precision for Class "4"	0.9145598846	
		Maximum depth of the decision trees	64			Precision for Class "5"	0.7657142857	
		Number of random splits per node	1024			Precision for Class "6"	0.9561657074	
		Minimum number of samples per leaf node	1			Precision for Class "7"	0.892614089	
		Allow unknown values for categorical features	TRUE			Precision for Class "8"	0.9716666667	
						Precision for Class "9"	0.9107070707	
						Precision for Class "10"	0.8711565705	
						meanPrecision	**0.8845496763**	
						stdPrecision	0.06698580231	

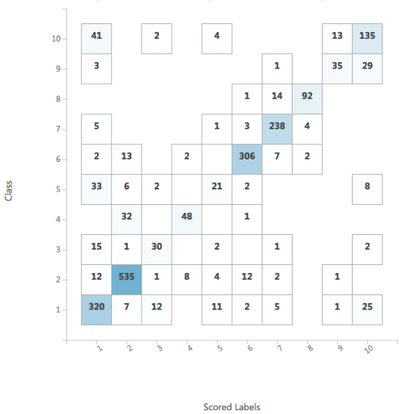
	Decision Forest Bagging Logistic	Resampling method	Bagging	10-fold Cross-Validation	Logistic	Precision for Class "1"	0.7561645053
	Multiclass Decision Forest	Create trainer mode	Single Parameter			Precision for Class "2"	0.8947551558
						Precision for Class "3"	0.64
		Number of decision drees	32			Precision for Class "4"	0.8702777778
		Maximum depth of the decision trees	64			Precision for Class "5"	0.4621428571
		Number of random splits per node	1024			Precision for Class "6"	0.9504696753
		Minimum number of samples per leaf node	1			Precision for Class "7"	0.8865233037
		Allow unknown values for categorical features	TRUE			Precision for Class "8"	0.9659090909
						Precision for Class "9"	0.6803571429
						Precision for Class "10"	0.6844357684
						meanPrecision	**0.7791035277**
						stdPrecision	0.1537994201



BEST	Decision Forest Bagging LogNormal	Resampling method	Bagging	10-fold Cross-Validation	LogNormal	Precision for Class "1"	0.8761052131
	Multiclass Decision Forest	Create trainer mode	Single Parameter			Precision for Class "2"	0.9261511532
						Precision for Class "3"	0.7711904762
		Number of decision drees	32			Precision for Class "4"	0.9034487734
		Maximum depth of the decision trees	64			Precision for Class "5"	0.7738095238
		Number of random splits per node	1024			Precision for Class "6"	0.9587261625
		Minimum number of samples per leaf node	1			Precision for Class "7"	0.8928157019
		Allow unknown values for categorical features	TRUE			Precision for Class "8"	0.9716666667
						Precision for Class "9"	0.9107070707
						Precision for Class "10"	0.8650128923
						meanPrecision	**0.8849633634**
						stdPrecision	0.06441807935

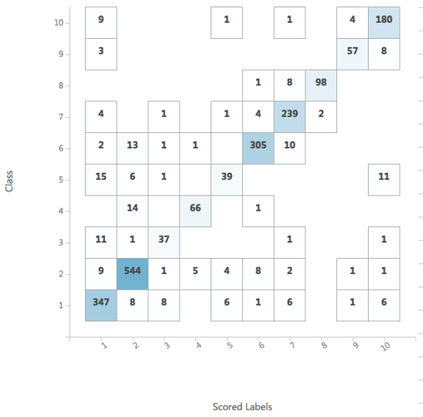


WORST	Decision Forest Bagging Tanh	Resampling method	Bagging	10-fold Cross-Validation	Tanh	Precision for Class "1"	0.7409751148
	Multiclass Decision Forest	Create trainer mode	Single Parameter			Precision for Class "2"	0.9009680766
						Precision for Class "3"	0.6395238095
		Number of decision drees	32			Precision for Class "4"	0.8122619048
		Maximum depth of the decision trees	64			Precision for Class "5"	0.4416666667
		Number of random splits per node	1024			Precision for Class "6"	0.9334309953
		Minimum number of samples per leaf node	1			Precision for Class "7"	0.889420197
		Allow unknown values for categorical features	TRUE			Precision for Class "8"	0.939040404
						Precision for Class "9"	0.6722619048
						Precision for Class "10"	0.6715034965
						meanPrecision	**0.764105257**
						stdPrecision	0.1526631298



	Decision Forest Bagging Split ZScore/MinMax	Resampling method	Bagging	10-fold Cross-Validation	Split data and normalize	Precision for Class "1"	0.8692422699

	Multiclass Decision Forest	Create trainer mode	Single Parameter		in the following way:	Precision for Class "2"	0.9278368852
					ZScore	Precision for Class "3"	0.7658333333
		Number of decision drees	32		AC, FM, UC, MSTV, ALTV,	Precision for Class "4"	0.9145598846
		Maximum depth of the decision trees	64		MLTV, DL, DS_DR, DP, Nma	Precision for Class "5"	0.7657142857
		Number of random splits per node	1024		Nzeroes, Mean, Tendency	Precision for Class "6"	0.9561657074
		Minimum number of samples per leaf node	1		MinMax	Precision for Class "7"	0.892614089
		Allow unknown values for categorical features	TRUE		Variance, LB, ASTV, Width,	Precision for Class "8"	0.9716666667
					Min, Max, Mode, Median	Precision for Class "9"	0.9107070707
						Precision for Class "10"	0.8711565705
						meanPrecision	**0.8845496763**
						stdPrecision	0.06698580231



2nd BEST	Decision Forest Bagging Split LogNormal/Tanh/MinMax	Resampling method	Bagging	10-fold Cross-Validation	Split data and normalize	Precision for Class "1"	0.8692422699
	Multiclass Decision Forest	Create trainer mode	Single Parameter		in the following way:	Precision for Class "2"	0.9312007767
					LogNormal:	Precision for Class "3"	0.7658333333
		Number of decision drees	32		DS_DR, Variance	Precision for Class "4"	0.9145598846
		Maximum depth of the decision trees	64		Tanh:	Precision for Class "5"	0.7657142857
		Number of random splits per node	1024		FM	Precision for Class "6"	0.9563909326
		Minimum number of samples per leaf node	1		MinMax:	Precision for Class "7"	0.892614089
		Allow unknown values for categorical features	TRUE		(all the rest)	Precision for Class "8"	0.9716666667
						Precision for Class "9"	0.9107070707
						Precision for Class "10"	0.8711565705
						meanPrecision	**0.884908588**
						stdPrecision	0.06723432298