Classifiers for the period: base-1	J48	randoi	mTree	Forest10	Forest20	Forest30	Forest40	Forest50
Classifiers	AUC	AUC		AUC	AUC	AUC	AUC	AUC
Classifier from base-1	0,544		0,680		0,749	0,778		0,838
Ensemble Classifier from base-1	0,544		0,680	•	0,749	-	-	0,838
Ensemble classifier from base 1	0,5 1 1		0,000	0,003	0,7 13	0,770	0,020	0,030
	J48	randoı	mTree	Forest10	Forest20	Forest30	Forest40	Forest50
Classifiers for the period: base-3	A11C	ALIC		ALIC	ALIC	ALIC	ALIC	ALIC
Classifiers	AUC	AUC	0.564	AUC	AUC	AUC	AUC	AUC
Classifier from base-3 Classifier from 1-3	0,561		0,561		0,776	0,757	0,755	0,770
	0,547		0,660	•	-	-	-	0,776
Ensemble Classifier from base-3	0,560		0,710	0,771	0,801	0,793	0,799	0,786
Classificus foutbo noviod, boso C	J48	randoı	mTree	Forest10	Forest20	Forest30	Forest40	Forest50
Classifiers for the period: base-6	A11C	ALIC		ALIC	ALIC	ALIC	ALIC	ALIC
Classifiers	AUC	AUC	0.633	AUC	AUC 0.763	AUC	AUC	AUC 0.801
Classifier from base-6	0,801		0,623		0,763	0,782	-	0,801
Classifier from 1-6 Classifier from 3-6	0,798		0,620		0,746			0,762
	0,789		0,547		0,729		-	0,778
Ensemble Classifier from base-6	0,798		0,680	0,836	0,805	0,825	0,812	0,821
	J48	randoı	mTree	Forest10	Forest20	Forest30	Forest40	Forest50
Classifiers for the period: base-12								
Classifiers	AUC	AUC		AUC	AUC	AUC	AUC	AUC
Classifier from base-12	0,660		0,649	0,631	0,749	0,764	0,791	0,813
Classifier from 1-12	0,647		0,670	0,754	0,790	0,821	0,825	0,808
Classifier from 3-12	0,643		0,672	0,773	0,834	0,846	0,853	0,869
Classifier from 6-12	0,593		0,650	0,746	0,799	0,822	0,816	0,834
Ensemble Classifier from base-12	0,701		0,818	0,811	0,843	0,855	0,855	0,856
	J48	randoi	mTree	Forest10	Forest20	Forest30	Forest40	Forest50
Classifiers for the period: base-18								
Classifiers	AUC	AUC		AUC	AUC	AUC	AUC	AUC
Classifier from base-18	0,579		0,619	0,655	0,638	0,659	0,671	0,688
Classifier from 1-18	0,572		0,574	0,677	0,675	0,690	0,685	0,692
Classifier from 3-18	0,610		0,595	0,660	0,682	0,696	0,707	0,716
Classifier from 6-18	0,573		0,621	0,673	0,702	0,703	0,718	0,712
Classifier from 12-18	0,636		0,623	0,670	0,706	0,705	0,705	0,722
Ensemble Classifier from base-18	0,611		0,669	0,715	0,710	0,708	0,715	0,724
	J48	randoi	mTree	Forest10	Forest20	Forest30	Forest40	Forest50
Classifiers for the period: 1-3								
Classifiers	AUC	AUC		AUC	AUC	AUC	AUC	AUC
Classifier from 1-3	0,547		0,660		0,800			0,776
Ensemble Classifier from 1-3	0,547		0,660	-				
	-,,		-,500	3,. 32	3,000	3,.31	3,7.5.	-,

Classifiers for the namical 1 C	J48	rando	mTree	Forest10	Forest20	Forest30	Forest40	Forest50
Classifiers for the period: 1-6 Classifiers	AUC	AUC		AUC	AUC	AUC	AUC	AUC
Classifier from 1-6	0,798		0,620					0,762
Classifier from 3-6	0,789		0,547	•	•	-	-	
Ensemble Classifier from 1-6	0,783		0,656		-	•	-	•
Liiseilible Classifier II Offi 1-0	0,790		0,030	0,804	0,776	0,774	0,731	0,765
	J48	rando	mTree	Forest10	Forest20	Forest30	Forest40	Forest50
Classifiers for the period: 1-12								
Classifiers	AUC	AUC		AUC	AUC	AUC	AUC	AUC
Classifier from 1-12	0,647		0,670	0,754	0,790	0,821	0,825	0,808
Classifier from 3-12	0,643		0,672	0,773	0,834	0,846	0,853	0,869
Classifier from 6-12	0,593		0,650				-	
Ensemble Classifier from 1-12	0,690		0,795		•		-	
	,		ŕ	,	,	,	,	,
	J48	rando	mTree	Forest10	Forest20	Forest30	Forest/10	Forest50
Classifiers for the period: 1-18	J-10	Tanao	iiiiicc	10103010	10103120	101030	10103140	101030
Classifiers	AUC	AUC		AUC	AUC	AUC	AUC	AUC
Classifier from 1-18	0,572		0,574					0,692
Classifier from 3-18	0,572		0,574	-			-	•
Classifier from 6-18	0,510		0,593					
	•						-	
Classifier from 12-18	0,636		0,623		-	•	-	0,722
Ensemble Classifier from 1-18	0,614		0,649	0,717	0,718	0,720	0,722	0,729
	J48	rando	mTree	Forest10	Forest20	Forest30	Forest40	Forest50
Classifiers for the period: 3-6								
Classifiers	AUC	AUC		AUC	AUC	AUC	AUC	AUC
Classifier from 3-6	0,789		0,547	0,731	0,729	0,768	0,768	0,778
Ensemble Classifier from 3-6	0,789		0,547	0,731	0,729	0,768	0,768	0,778
	J48	rando	mTree	Forest10	Forest20	Forest30	Forest40	Forest50
Classifiers for the period: 3-12								
Classifiers	AUC	AUC		AUC	AUC	AUC	AUC	AUC
Classifier from 3-12	0,643		0,672					
Classifier from 6-12	0,593		0,650		•			
Ensemble Classifier from 3-12	0,682		0,742	0,806	0,848	0,862	0,854	0,866
	J48	rando	mTree	Forest10	Forest20	Forest30	Forest40	Forest50
Classifiers for the period: 3-18								
Classifiers	AUC	AUC		AUC	AUC	AUC	AUC	AUC
Classifier from 3-18	0,610		0,595	0,660	0,682	0,696	0,707	0,716
Classifier from 6-18	0,573		0,621	0,673	0,702	0,703	0,718	0,712
Classifier from 12-18	0,636		0,623	0,670	0,706	0,705	0,705	0,722

Ensemble Classifier from 3-18	0,625	j	0,648	0,700	0,724	0,728	0,731	0,736
Classifiers for the period: 6-12 Classifiers Classifier from 6-12	J48 AUC 0,593	AUC	mTree 0,650	AUC	AUC	AUC	Forest40 AUC 0,816	AUC
Ensemble Classifier from 6-12	0,593		0,650	-	•	•	•	-
Classifiers for the period: 6-18	J48		·	·	·	·	Forest40	,
Classifiers Classifiers	AUC	AUC		AUC	AUC	AUC	AUC	AUC
Classifier from 6-18	0,573		0,621					
Classifier from 12-18	0,636	<u>;</u>	0,623	0,670	0,706	0,705	0,705	
Ensemble Classifier from 6-18	0,614	ļ	0,658	0,688	0,717	0,719	0,721	0,730
Classifiers for the period: 12-18	J48	rando	mTree	Forest10	Forest20	Forest30	Forest40	Forest50
Classifiers	AUC	AUC		AUC	AUC	AUC	AUC	AUC
Classifier from 12-18	0,636	j	0,623	0,670	0,706	0,705	0,705	0,722
Ensemble Classifier from 12-18	0,636	j	0,623	0,670	0,706	0,705	0,705	0,722
Average AUC	J48 0,6533		mTree 0,6789				Forest40 0,7845	

Classifiers for the period: base-1	Forest60	Forest70	NN	logReg	naiveBayes	SVM	AdaBooster
Classifiers	AUC	AUC	AUC	AUC	AUC	AUC	AUC
Classifier from base-1	0,845	0,829	0,500	0,645	0,734	0,537	0,741
Ensemble Classifier from base-1	0,845	0,829	0,500	0,645	0,734	0,537	0,741
	Forest60	Forest70	NN	logReg	naiveBayes	SVM	AdaBooster
Classifiers for the period: base-3	A116	A116	A116	A 1 1 C	A116	A11C	A11C
Classifiers	AUC	AUC	AUC	AUC	AUC	AUC	AUC 0.736
Classifier from base-3	0,773	•	-	•	-	•	•
Classifier from 1-3 Ensemble Classifier from base-3	0,773	•	-	•	-	-	•
Elisellible Classiller Irolli base-3	0,783	0,782	0,524	0,676	0,705	0,504	0,766
Classifiers for the period: base-6	Forest60	Forest70	NN	logReg	naiveBayes	SVM	AdaBooster
Classifiers	AUC	AUC	AUC	AUC	AUC	AUC	AUC
Classifier from base-6	0,825						
Classifier from 1-6	0,823	•	•	•	-	-	•
Classifier from 3-6	0,735	•			-		
Ensemble Classifier from base-6	0,830	•					
Ensemble classifier from base o	0,030	0,032	0,040	0,720	0,733	0,334	0,043
Classifiers for the period: base-12	Forest60	Forest70	NN	logReg	naiveBayes	SVM	AdaBooster
Classifiers	AUC	AUC	AUC	AUC	AUC	AUC	AUC
Classifier from base-12	0,822	0,806	0,557	0,533	0,692	0,514	0,701
Classifier from 1-12	0,820	0,830	0,562	0,535	0,668	0,514	0,730
Classifier from 3-12	0,880	0,873	0,574	0,589	0,713	0,523	0,775
Classifier from 6-12	0,831	0,828	0,535	0,618	0,743	0,573	0,770
Ensemble Classifier from base-12	0,862	0,857	0,591	0,603	0,721	0,552	0,788
Classifiers for the period: base-18	Forest60	Forest70	NN	IogReg	naiveBayes	SVM	AdaBooster
Classifiers	AUC	AUC	AUC	AUC	AUC	AUC	AUC
Classifier from base-18	0,688	0,691	0,622	0,624	0,713	0,536	0,649
Classifier from 1-18	0,708	0,713	0,617	0,593	0,698	0,530	0,637
Classifier from 3-18	0,710	0,716	0,645	0,592	0,715	0,539	0,701
Classifier from 6-18	0,719	0,716	0,628	0,644	0,715	0,573	0,690
Classifier from 12-18	0,718	0,720	0,619	0,623	0,720	0,555	0,693
Ensemble Classifier from base-18	0,719	0,716	0,650	0,633	0,727	0,577	0,710
	F 160	F		15		C) /B 4	Adapa
Classifiers for the period: 1-3	Forest60	Forest70	NN	iogReg	naiveBayes	SVM	AdaBooster
Classifiers	AUC	AUC	AUC	AUC	AUC	AUC	AUC
Classifier from 1-3	0,773						
Ensemble Classifier from 1-3	0,773	•				-	
	•	-			•		

Classifiers for the period: 1-6	Forest60	Forest70	NN	logReg	naiveBa	yes	SVM	AdaBo	ooster
Classifiers	AUC	AUC	AUC	AUC	AUC		AUC	AUC	
Classifier from 1-6	0,795					695			0,853
Classifier from 3-6	0,786	-	•	•	•	709	•		0,786
Ensemble Classifier from 1-6	0,797	-	•	•	•	704	•		0,859
Ensemble classifier from 1 0	0,757	0,010	0,330	0,037	0,	704	0,557		0,033
	Forest60	Forest70	NN	logReg	naiveBa	yes	SVM	AdaBo	ooster
Classifiers for the period: 1-12									
Classifiers	AUC	AUC	AUC	AUC	AUC		AUC	AUC	
Classifier from 1-12	0,820	0,830	0,562	0,535	0,	668	0,514		0,730
Classifier from 3-12	0,880	0,873	0,574	0,589	0,	713	0,523		0,775
Classifier from 6-12	0,831	0,828	0,535	0,618	0,	743	0,573		0,770
Ensemble Classifier from 1-12	0,861	0,858	0,608	0,618	0,	725	0,556		0,779
	Forest60	Forest70	NN	logReg	naiveBa	yes	SVM	AdaBo	ooster
Classifiers for the period: 1-18									
Classifiers	AUC	AUC	AUC	AUC	AUC		AUC	AUC	
Classifier from 1-18	0,708	0,713	0,617	0,593	0,	698	0,530		0,637
Classifier from 3-18	0,710	0,716	0,645	0,592	0,	715	0,539		0,701
Classifier from 6-18	0,719	0,716	0,628	0,644	0,	715	0,573		0,690
Classifier from 12-18	0,718	0,720	0,619	0,623	0,	720	0,555		0,693
Ensemble Classifier from 1-18	0,726	0,727	0,645	0,622	0,	722	0,576		0,716
	Forest60	Forest70	NN	logReg	naiveBa	yes	SVM	AdaB	ooster
Classifiers for the period: 3-6									
Classifiers	AUC	AUC	AUC	AUC	AUC		AUC	AUC	
Classifier from 3-6	0,786	0,790	0,595	0,694	0,	709	0,553		0,786
Ensemble Classifier from 3-6	0,786	0,790	0,595	0,694	0,	709	0,553		0,786
	Forest60	Forest70	NN	logReg	naiveBa	yes	SVM	AdaB	ooster
Classifiers for the period: 3-12									
Classifiers	AUC	AUC	AUC	AUC	AUC		AUC	AUC	
Classifier from 3-12	0,880		0,574				0,523		0,775
Classifier from 6-12	0,831	-	0,535	•			0,573		0,770
Ensemble Classifier from 3-12	0,868	0,865	0,591	0,634	0,	744	0,561		0,788
	Forest60	Forest70	NN	logReg	naiveBa	yes	SVM	AdaB	ooster
Classifiers for the period: 3-18									
Classifiers	AUC	AUC	AUC	AUC	AUC		AUC	AUC	
Classifier from 3-18									0.704
Classifier from 5-10	0,710	0,716	0,645	0,592	0,	715	0,539		0,701
Classifier from 6-18	0,710 0,719		0,645 0,628			715 715			0,701
		0,716		0,644	0,		0,573		

	,	•	,	,	,	,	,
Classifiers for the period: 6-12 Classifiers Classifier from 6-12	Forest60 AUC 0,831	Forest70 AUC 0,828	NN AUC 0,535	AUC	naiveBayes AUC 0,743	SVM AUC 5 0,573	AdaBooster AUC 0,770
Ensemble Classifier from 6-12	0,831		0,535			0,573	0,770
Classifiers for the period: 6-18	Forest60	Forest70	NN	logReg	naiveBayes	SVM	AdaBooster
Classifiers	AUC	AUC	AUC	AUC	AUC	AUC	AUC
Classifier from 6-18	0,719		0,628		•	0,573	•
Classifier from 12-18	0,718	•	0,619	•	-	0,555	•
Ensemble Classifier from 6-18	0,728	0,732	0,633	0,644	0,723	0,574	0,713
Classifiers for the period: 12-18	Forest60	Forest70	NN	logReg	naiveBayes	SVM	AdaBooster
Classifiers	AUC	AUC	AUC	AUC	AUC	AUC	AUC
Classifier from 12-18	0,718	0,720	0,619	0,623	0,720	0,555	0,693
Ensemble Classifier from 12-18	0,718	0,720	0,619	0,623	0,720	0,555	0,693
	Forest60	Forest70	NN	logReg	naiveBayes	SVM	AdaBooster

0,7904 0,7894 0,5933 0,6498 0,7252 0,5541 0,7613

Average AUC

Ensemble Classifier from 3-18 0,729 0,731 0,642 0,630 0,726 0,576 0,725