

			Slip Detection							
			DNN							
	1	2	3	4	5	Mean	Std Dev			
Accuracy	0.9857615606	0.98528259165723	0.9841940259514065	0.9841504833	0.9856309327	0.9851809922	0.0008948336754			
Precision	0.9474782937	0.9731441273	0.9658341934579922	0.9493934124	0.9568224865	0.95670958	0.01167404596			
F_score	0.9471069762	0.94181667717225	0.9378643116893338	0.9399407168	0.9453338903	0.9441271944	0.003732412721			
Recall	0.9467363943	0.91498179989204	0.9135660388958061	0.9309484425	0.9345094776	0.9373981048	0.008280880467			
			CNN							
Accuracy	0.987549592	0.9870242968	0.986763041	0.9863561591	0.9865013063	0.986838879	0.000472286438			
Precision	0.9621549491	0.9624255603	0.9598156134	0.941105813	0.9450088007	0.9541021473	0.01022697623			
F_score	0.9534400224	0.9508584118	0.986763041	0.9521764361	0.9522512432	0.9590978309	0.01549228957			
Recall	0.9451068793	0.9399564879	0.9442087955	0.9639443913	0.9597850433	0.9506003195	0.01056815995			
			CNN (SMOTE)							
Accuracy	0.985324208	0.9893459395	0.9896987229	0.9911568946	0.9872997954	0.9885651121	0.002275773878			
Precision	0.9854373207	0.9894080381	0.9897014232	0.9912020012	0.987596846	0.9886691259	0.002214804455			
F_score	0.9853230046	0.9893454091	0.9896986064	0.9911564803	0.9872971723	0.9885641345	0.002276389099			
Recall	0.9853107857	0.9893362454	0.989696775	0.9911457062	0.9872685781	0.9885516181	0.002280652508			
			Slip Prediction							
			DNN							
	T + 5									
Accuracy	0.986151668	0.9870807893	0.9869038138	0.985443766	0.9797363065	0.9850632687	0.003048110606			
Precision	0.9577068799	0.9637640373	0.9526228377	0.9516267672	0.9354397173	0.9522320479	0.01055298552			
F_score	0.9507191269	0.9537412563	0.9677477111	0.9486384584	0.9277155833	0.9497124272	0.0143834186			
Recall	0.9439832809	0.9442245274	0.9386218001	0.9456975187	0.9203151973	0.9385684649	0.01055129499			
	T + 10									
Accuracy	0.9811592248	0.9788209902	0.9711317955	0.9819236476	0.9812041908	0.9788479698	0.004469159463			
Precision	0.9392829999	0.9224317549	0.8746630164	0.9494753746	0.9219887827	0.9215683857	0.02869513632			
F_score	0.9309847478	0.9241625688	0.9048095612	0.9325900336	0.9344306358	0.9253955094	0.01214429576			
Recall	0.923053837	0.9259106601	0.9418089711	0.9171482781	0.9478040524	0.9311451597	0.01303857508			
	T + 15									
Accuracy	0.97568	0.97568	0.9757714286	0.97248	0.9735314286	0.9746285714	0.001527842283			
Precision	0.9257132582	0.9183743842	0.9213607418	0.903505242	0.9341344048	0.9206176062	0.01125929415			
F_score	0.908843646	0.9106750195	0.9103425758	0.8998391219	0.8964276871	0.9052256101	0.006621693268			
Recall	0.8934966872	0.903309134	0.8999942834	0.8962527864	0.8657016063	0.8917508995	0.01502852786			

	T + 20									
Accuracy	0.9682967646	0.9601152845	0.9705280774	0.9611379695	0.9657865377	0.9651729267	0.004490911502			
Precision	0.9333957018	0.8916796905	0.9435577597	0.9158949433	0.9362659378	0.9241588066	0.0208050875			
F_score	0.8802462089	0.8520987047	0.8885403576	0.8483504771	0.8668236437	0.8672118784	0.01738612237			
Recall	0.8405213702	0.8210583158	0.847529639	0.8023858284	0.8191375337	0.8261265374	0.01805171926			
			CNN						CNN (SMOTE)	
	T + 5								T+ 5	
Accuracy	0.9878329351	0.9881868861	0.9860189364	0.9851340589	0.9855764977	0.9865498628	0.001374767537		0.98760528	
Precision	0.9657550494	0.9589942931	0.9678462626	0.94954097	0.9633510705	0.9610975291	0.007250758729		0.98760268	
F_score	0.9562814769	0.9581404388	0.9493112343	0.9473926664	0.9474776386	0.951720691	0.005112599684		0.98760514	
Recall	0.9472583032	0.9572904043	0.9324475047	0.9452690105	0.9328499887	0.9430230423	0.01051038107		0.98761676	
	T + 10								T + 10	
Accuracy	0.9838122218	0.9753136382	0.9851612033	0.9783713296	0.984037052	0.981339089	0.004275441519		0.98124923	
Precision	0.9475585145	0.8836102657	0.9633801428	0.9651910641	0.9546271949	0.9428734364	0.03387781615		0.98132257	
F_score	0.9421773228	0.9203108964	0.9445998755	0.9140616524	0.9409956578	0.932429081	0.01414881205		0.98124887	
Recall	0.9369497213	0.9672199135	0.9275408844	0.8745146568	0.9283039916	0.9269058335	0.03344136008		0.98126512	
	T + 15								T + 15	
Accuracy	0.9738514286	0.9770514286	0.9743542857	0.9773714286	0.9770971429	0.9759451429	0.001695562516		0.96058307	
Precision	0.906207222	0.9344748023	0.9472363442	0.9370651088	0.9241295396	0.9298226034	0.01555178785		0.96079659	
F_score	0.9120510644	0.9189061529	0.904295679	0.9197514407	0.9213213673	0.9152651408	0.007083803963		0.96058083	
Recall	0.9181068975	0.9046285065	0.8701062588	0.9040152689	0.9185582958	0.9030830455	0.01972261046		0.96063267	
	T + 20								T + 20	
Accuracy	0.9684362216	0.9726199331	0.9687151357	0.9657865377	0.9701097062	0.9691335069	0.002498578403		0.95168008	
Precision	0.9147543795	0.9296970836	0.9576633897	0.8788590546	0.9598526137	0.9281653042	0.03349450749		0.95420455	
F_score	0.879354612	0.8959808191	0.8692367926	0.8794887474	0.8761563681	0.8800434678	0.009832028994		0.95161817	
Recall	0.8504567526	0.8679944481	0.8128444384	0.8801210204	0.8213744976	0.8465582314	0.02903450939		0.95175322	