Table 1: Processing time before and after FS.

Attack Type	**Classifier**	**Training Time** [s]		**Inference Time** [s]	
		Orig.	FS	Orig.	FS
INBLGT	MLP	0.6582	0.4199	0.0008	0.0007
	XGB	0.6673	0.0372	0.0034	0.0019
	SVM	0.0155	0.0129	0.0112	0.0065
INBSTR	MLP	0.1983	0.1514	0.0008	0.0006
	XGB	0.1962	0.0242	0.0033	0.0016
	SVM	0.0050	0.0026	0.0028	0.0013
OOBLGT	MLP	0.4697	0.3584	0.0008	0.0006
	XGB	0.4826	0.0294	0.0031	0.0017
	SVM	0.0209	0.0135	0.0143	0.0072
OOBSTR	MLP	0.5447	0.3696	0.0008	0.0007
	XGB	0.5072	0.0273	0.0036	0.0016
	SVM	0.0155	0.0077	0.0101	0.0042
POLLGT	MLP	0.3937	0.3036	0.0009	0.0007
	XGB	0.4238	0.0333	0.0035	0.0017
	SVM	0.0083	0.0037	0.0054	0.0019
POLSTR	MLP	0.1910	0.1591	0.0008	0.0007
	XGB	0.1885	0.0237	0.0033	0.0016
	SVM	0.0062	0.0031	0.0041	0.0015

Table 2: Comparison of detector quality before and after noising the most influential parameters, full feature set.

Attack Type	**Classifier**	**BAC**		**F1**		**G-Mean**	
		Orig.	Noised	Orig.	Noised	Orig.	Noised
INBLGT	MLP	0.9914	0.9883	0.9867	0.9829	0.9913	0.9883
	XGB	0.9900	0.8955	0.9858	0.8655	0.9900	0.8902
	SVM	0.9368	0.8095	0.9312	0.7632	0.9347	0.7869
INBSTR	MLP	0.9998	0.9730	0.9998	0.9650	0.9998	0.9727
	XGB	0.9985	1.0000	0.9963	0.9998	0.9985	1.0000
	SVM	0.9998	0.9998	0.9998	0.9998	0.9998	0.9998
OOBLGT	MLP	0.9994	0.9972	0.9994	0.9972	0.9994	0.9972
	XGB	0.9992	0.9941	0.9976	0.9927	0.9992	0.9941
	SVM	0.9638	0.8286	0.9625	0.7930	0.9632	0.8106
OOBSTR	MLP	0.9972	0.9796	0.9971	0.9785	0.9972	0.9794
	XGB	0.9983	0.9980	0.9981	0.9977	0.9983	0.9980
	SVM	0.9924	0.8440	0.9923	0.8147	0.9923	0.8295
POLLGT	MLP	0.9968	0.9912	0.9967	0.9912	0.9968	0.9912
	XGB	0.9970	0.9970	0.9966	0.9967	0.9970	0.9970
	SVM	0.9946	0.9186	0.9946	0.9109	0.9946	0.9151
POLSTR	MLP	0.9981	0.9987	0.9981	0.9987	0.9981	0.9987
	XGB	0.9959	0.9955	0.9959	0.9954	0.9959	0.9954
	SVM	1.0000	0.9929	1.0000	0.9928	1.0000	0.9928
aggregated	MLP	0.9849	0.9696	0.9847	0.9676	0.9848	0.9692
	XGB	0.9937	0.9933	0.9919	0.9910	0.9937	0.9933
	SVM	0.9136	0.8226	0.9054	0.7843	0.9095	0.8032

Table 3: Comparison of detector quality before and after noising the most influential parameters, after FS.

Attack Type	**Classifier**	**BAC**		**F1**		**G-Mean**	
		Orig.	Noised	Orig.	Noised	Orig.	Noised
INBLGT	MLP	0.9779	0.9771	0.9720	0.9702	0.9777	0.9769
	XGB	0.9839	0.8763	0.9781	0.8342	0.9838	0.8690
	SVM	0.9201	0.7635	0.9083	0.6902	0.9168	0.7260
INBSTR	MLP	0.9998	0.9078	0.9998	0.8921	0.9998	0.9033
	XGB	0.9982	0.9999	0.9966	0.9992	0.9982	0.9999
	SVM	0.9998	0.8202	0.9998	0.7788	0.9998	0.8004
OOBLGT	MLP	0.9995	0.9966	0.9995	0.9966	0.9995	0.9966
	XGB	0.9996	0.9938	0.9985	0.9920	0.9996	0.9938
	SVM	0.9794	0.8039	0.9790	0.7561	0.9792	0.7796
OOBSTR	MLP	1.0000	0.9630	1.0000	0.9616	1.0000	0.9623
	XGB	0.9977	0.9982	0.9976	0.9981	0.9977	0.9982
	SVM	1.0000	0.8364	1.0000	0.8038	1.0000	0.8203
POLLGT	MLP	0.9982	0.9843	0.9982	0.9840	0.9982	0.9841
	XGB	0.9966	0.9975	0.9964	0.9964	0.9966	0.9975
	SVM	1.0000	0.9205	1.0000	0.9137	1.0000	0.9171
POLSTR	MLP	0.9981	0.9914	0.9981	0.9913	0.9981	0.9914
	XGB	0.9959	0.9967	0.9959	0.9966	0.9959	0.9967
	SVM	1.0000	0.9927	1.0000	0.9926	1.0000	0.9927
aggregated	MLP	0.9851	0.9204	0.9849	0.9135	0.9850	0.9169
	XGB	0.9939	0.9937	0.9914	0.9909	0.9939	0.9936
	SVM	0.9293	0.8377	0.9239	0.8062	0.9266	0.8218