Set	DT-Algorithm	N	N features in training	Features	B -> S	S -> B	Accuracy	Sensitivity	Rank	N nodes in tree	N tests in tree	Tree depth	N features in tree	Ignored features
HE	Discri multi	16000	8	HC11, MGM, TG, NO, HE10, SDBD, SH, MBD	116	115	0.9856	0.9855	1	27	13	6	8	
HE	Discri uni	16000	8	HC11, MGM, TG, NO, HE10, SDBD, SH, MBD	94	164	0.9839	0.9883	2	39	19	8	7	SH,
HE	Gini	16000	8	HC11, MGM, TG, NO, HE10, SDBD, SH, MBD	104	158	0.9836	0.9870	3	37	18	8	7	SDBD,
HE	Discri multi	16000	6	HC11, MGM, TG, NO, HE10, SDBD	166	102	0.9833	0.9793	4	39	19	15	6	
HE	Discri multi	16000	7	HC11, MGM, TG, NO, HE10, SDBD, SH	170	105	0.9828	0.9788	5	35	17	13	7	
HE	Discri uni	16000	7	HC11, MGM, TG, NO, HE10, SDBD, SH	104	174	0.9826	0.9870	6	39	19	8	6	SH
HE	Discri uni	16000	6	HC11, MGM, TG, NO, HE10, SDBD	104	174	0.9826	0.9870	6	39	19	8	6	
HE	Gini	16000	6	HC11, MGM, TG, NO, HE10, SDBD	114	171	0.9822	0.9858	8	35	17	6	6	
HE	Gini	16000	7	HC11, MGM, TG, NO, HE10, SDBD, SH	117	169	0.9821	0.9854	9	37	18	7	7	
HE	Gini	16000	5	HC11, MGM, TG, NO, HE10	115	188	0.9811	0.9856	10	23	11	6	5	
HE	Discri multi	16000	5	HC11, MGM, TG, NO, HE10	141	177	0.9801	0.9824	11					
HE	Discri uni	16000	5	HC11, MGM, TG, NO, HE10	123	214	0.9789	0.9846	12					
HE	Discri multi	16000	4	HC11, MGM, TG, NO	175	171	0.9784	0.9781	13					
HE	Gini	16000	4	HC11, MGM, TG, NO	154	197	0.9781	0.9808	14					
HE	Discri uni	16000	4	HC11, MGM, TG, NO	119	233	0.9780	0.9851	15					
HE	Discri multi	16000	3	HC11, MGM, TG	197	163	0.9775	0.9754	16					
HE	Discri uni	16000	3	HC11, MGM, TG	154	227	0.9762	0.9808	17					
HE	Gini	16000	3	HC11, MGM, TG	167	254	0.9737	0.9791	18					
HE	Discri multi	16000	2	HC11, MGM	213	236	0.9719	0.9734	19					
HE	Discri uni	16000	2	HC11, MGM	209	256	0.9709	0.9739	20					
HE	Gini	16000	2	HC11, MGM	186	287	0.9704	0.9768	21					
HE	Discri uni	16000	1	HC11	319	193	0.9680	0.9601	22					
HE	Discri multi	16000	1	HC11	319	193	0.9680	0.9601	22					
HE	Gini	16000	1	HC11	290	224	0.9679	0.9638	24					
HE	Discri uni	16000	1	MGM	288	483	0.9518	0.9640	25					
HE	Discri multi	16000	1	MGM	288	483	0.9518	0.9640	25					
HE	Gini	16000	1	MGM	267	511	0.9514	0.9666	27					
NS	Discri multi	16000	8	HC11, MGM, TG, NO, HE10, SDBD, SH, MBD	285	246	0.9668	0.9644	1	21	10	7	8	
NS	Discri multi	16000	6	HC11, MGM, TG, NO, HE10, SDBD	324	292	0.9615	0.9595	2					
NS	Discri multi	16000	7	HC11, MGM, TG, NO, HE10, SDBD, SH	350	268	0.9614	0.9563	3					
NS	Discri multi	16000	5	HC11, MGM, TG, NO, HE10	333	292	0.9609	0.9584	4					
NS	Gini	16000	8	HC11, MGM, TG, NO, HE10, SDBD, SH, MBD	321	330	0.9593	0.9599	5					
NS	Gini	16000	7	HC11, MGM, TG, NO, HE10, SDBD, SH	315	348	0.9586	0.9606	6					
NS	Discri uni	16000	8	HC11, MGM, TG, NO, HE10, SDBD, SH, MBD	390	282	0.9580	0.9513	7					
NS	Discri multi	16000	4	HC11, MGM, TG, NO	359	318	0.9577	0.9551	8					
NS	Discri uni	16000	7	HC11, MGM, TG, NO, HE10, SDBD, SH	414	270	0.9573	0.9483	9					
NS	Discri multi	16000	3	HC11, MGM, TG	397	290	0.9571	0.9504	10					
NS	Discri uni	16000	4	HC11, MGM, TG, NO	382	308	0.9569	0.9523	11					
NS	Discri uni	16000	3	HC11, MGM, TG	376	317	0.9567	0.9530	12					
NS	Discri uni	16000	2	HC11, MGM	376	317	0.9567	0.9530	12					
NS	Discri multi	16000	2	HC11, MGM	393	316	0.9557	0.9509	14					
NS	Gini	16000	6	HC11, MGM, TG, NO, HE10, SDBD	318	399	0.9552	0.9603	15					
NS	Discri uni	16000	6	HC11, MGM, TG, NO, HE10, SDBD	441	280	0.9549	0.9449	16					
NS	Discri uni	16000	5	HC11, MGM, TG, NO, HE10	427	297	0.9548	0.9466	17					
NS	Gini	16000	4	HC11, MGM, TG, NO	346	385	0.9543	0.9568	18					
NS	Gini	16000	5	HC11, MGM, TG, NO, HE10	347	385	0.9543	0.9566	19					
NS	Gini	16000	3	HC11, MGM, TG	354	384	0.9539	0.9558	20					
NS	Gini	16000	2	HC11, MGM	350	391	0.9537	0.9563	21					
NS	Discri uni	16000	1	HC11	465	286	0.9531	0.9419	22					
NS	Discri multi	16000	1	HC11	465	286	0.9531	0.9419	22					
NS	Gini	16000	1	HC11	394	361	0.9528	0.9508	24					
NS	Discri uni	16000	1	MGM	528	621	0.9282	0.9340	25					
NS	Discri multi	16000	1	MGM	528	621	0.9282	0.9340	25					
NS	Gini	16000	1	MGM	521	648	0.9269	0.9349	27					
CS	Discri multi	16000	8	HC11, MGM, TG, NO, HE10, SDBD, SH, MBD	149	216	0.9772	0.9814	1	21	10	7	8	
CS	Gini	16000	8	HC11, MGM, TG, NO, HE10, SDBD, SH, MBD	149	230	0.9763	0.9814	2	25	12	6	6	SDBD, MBD
CS	Gini	16000	7	HC11, MGM, TG, NO, HE10, SDBD, SH	180	207	0.9758	0.9775	3	25	12	6	6	SDBD
CS	Discri uni	16000	6	HC11, MGM, TG, NO, HE10, SDBD	231	176	0.9746	0.9711	4	33	16	7	6	
CS	Discri uni	16000	8	HC11, MGM, TG, NO, HE10, SDBD, SH, MBD	221	187	0.9745	0.9724	5	33	16	6	7	SH
CS	Discri uni	16000	7	HC11, MGM, TG, NO, HE10, SDBD, SH	221	187	0.9745	0.9724	5	33	16	7	6	SH
CS	Gini	16000	6	HC11, MGM, TG, NO, HE10, SDBD	176	235	0.9743	0.9780	7	25	12	6	6	
CS	Discri multi	16000	7	HC11, MGM, TG, NO, HE10, SDBD, SH	197	221	0.9739	0.9754	8	17	8	5	7	
CS	Discri multi	16000	6	HC11, MGM, TG, NO, HE10, SDBD	201	220	0.9737	0.9749	9	17	8	5	6	
CS	Gini	16000	5	HC11, MGM, TG, NO, HE10	178	245	0.9736	0.9778	10	21	10	5	5	
CS	Gini	16000	4	HC11, MGM, TG, NO	177	248	0.9734	0.9779	11	15	7	4	4	
CS	Discri uni	16000	5	HC11, MGM, TG, NO, HE10	206	261	0.9708	0.9743	12					
CS	Discri uni	16000	4	HC11, MGM, TG, NO	198	274	0.9705	0.9753	13					
CS	Discri multi	16000	5	HC11, MGM, TG, NO, HE10	220	256	0.9703	0.9725	14					
CS	Discri multi	16000	3	HC11, MGM, TG	216	284	0.9688	0.9730	15					
CS	Gini	16000	3	HC11, MGM, TG	279	225	0.9685	0.9651	16					
CS	Discri multi	16000	4	HC11, MGM, TG, NO	268	243	0.9681	0.9665	17					
CS	Discri multi	16000	2	HC11, MGM	174	346	0.9675	0.9783	18					
CS	Discri uni	16000	3	HC11, MGM, TG	253	277	0.9669	0.9684	19					
CS	Gini	16000	2	HC11, MGM	236	311	0.9658	0.9705	20					
CS	Discri uni	16000	2	HC11, MGM	286	273	0.9651	0.9643	21					
CS	Gini	16000	1	HC11	208	361	0.9644	0.9740	22					
CS	Discri uni	16000	1	HC11	315	275	0.9631	0.9606	23					
CS	Discri multi	16000	1	HC11	315	275	0.9631	0.9606	23					
CS	Discri uni	16000	1	MGM	382	442	0.9485	0.9523	25					
CS	Discri multi	16000	1	MGM	382	442	0.9485	0.9523	25					
CS	Gini	16000	1	MGM	347	482	0.9482	0.9566	27					
IHC	Gini	32000	7	HC11, MGM, TG, NO, HE10, SDBD, SH	511	564	0.9664	0.9681	1	39	19	8	6	NO
IHC	Gini	32000	8	HC11, MGM, TG, NO, HE10, SDBD, SH, MBD	557	523	0.9663	0.9652	2	39	19	8	7	NO
IHC	Gini	32000	6	HC11, MGM, TG, NO, HE10, SDBD	529	560	0.9660	0.9669	3	43	21	9	6	

IHC	Discri multi	32000	8 HC11, MGM, TG, NO, HE10, SDBD, SH, MBD	559	539	0.9657	0.9651	4	31	15	5	8	
IHC	Gini	32000	4 HC11, MGM, TG, NO	549	550	0.9657	0.9657	5	23	11	8	4	
IHC	Discri multi	32000	7 HC11, MGM, TG, NO, HE10, SDBD, SH	553	559	0.9653	0.9654	6	31	15	7	7	
IHC	Discri multi	32000	6 HC11, MGM, TG, NO, HE10, SDBD	587	525	0.9653	0.9633	6	25	12	5	6	
IHC	Gini	32000	5 HC11, MGM, TG, NO, HE10	572	556	0.9648	0.9643	8	19	9	6	5	
IHC	Gini	32000	3 HC11, MGM, TG	567	592	0.9638	0.9646	9	17	8	6	3	
IHC	Discri multi	32000	5 HC11, MGM, TG, NO, HE10	569	619	0.9629	0.9644	10	11	5	3	5	
IHC	Discri multi	32000	4 HC11, MGM, TG, NO	538	654	0.9628	0.9664	11	17	8	4	4	
IHC	Discri multi	32000	3 HC11, MGM, TG	505	698	0.9624	0.9684	12	13	6	4	3	
IHC	Discri uni	32000	3 HC11, MGM, TG	685	576	0.9606	0.9572	13					
IHC	Discri multi	32000	2 HC11, MGM	575	693	0.9604	0.9641	14					
IHC	Discri uni	32000	2 HC11, MGM	639	661	0.9594	0.9601	15					
IHC	Discri uni	32000	8 HC11, MGM, TG, NO, HE10, SDBD, SH, MBD	672	634	0.9592	0.9580	16					
IHC	Discri uni	32000	7 HC11, MGM, TG, NO, HE10, SDBD, SH	672	634	0.9592	0.9580	16					
IHC	Discri uni	32000	5 HC11, MGM, TG, NO, HE10	665	647	0.9590	0.9584	18					
IHC	Gini	32000	2 HC11, MGM	684	628	0.9590	0.9573	18					
IHC	Discri uni	32000	6 HC11, MGM, TG, NO, HE10, SDBD	709	615	0.9586	0.9557	20					
IHC	Discri uni	32000	4 HC11, MGM, TG, NO	709	615	0.9586	0.9557	20					
IHC	Discri uni	32000	1 HC11	771	574	0.9580	0.9518	22					
IHC	Discri multi	32000	1 HC11	771	574	0.9580	0.9518	22					
IHC	Gini	32000	1 HC11	641	717	0.9576	0.9599	24					
IHC	Discri uni	32000	1 MGM	901	1064	0.9386	0.9437	25					
IHC	Discri multi	32000	1 MGM	901	1064	0.9386	0.9437	25					
IHC	Gini	32000	1 MGM	902	1077	0.9382	0.9436	27					

ALL	Gini	48000	8 HC11, MGM, TG, NO, HE10, SDBD, SH, MBD	942	781	0.9641	0.9608	1	45	22	8	7 HE10	
ALL	Discri multi	48000	8 HC11, MGM, TG, NO, HE10, SDBD, SH, MBD	986	757	0.9637	0.9589	2	57	28	13	8	
ALL	Discri multi	48000	7 HC11, MGM, TG, NO, HE10, SDBD, SH	1094	694	0.9628	0.9544	3	51	25	9	7	
ALL	Gini	48000	7 HC11, MGM, TG, NO, HE10, SDBD, SH	1000	797	0.9626	0.9583	4	51	25	8	7	
ALL	Discri uni	48000	8 HC11, MGM, TG, NO, HE10, SDBD, SH, MBD	830	1015	0.9616	0.9654	5	43	21	9	7 HE10	
ALL	Gini	48000	6 HC11, MGM, TG, NO, HE10, SDBD	1026	824	0.9615	0.9573	6	47	23	8	6	
ALL	Discri uni	48000	7 HC11, MGM, TG, NO, HE10, SDBD, SH	917	939	0.9613	0.9618	7	69	34	11	6 HE10	
ALL	Discri multi	48000	6 HC11, MGM, TG, NO, HE10, SDBD	1095	789	0.9608	0.9544	8	33	16	8	6	
ALL	Discri uni	48000	6 HC11, MGM, TG, NO, HE10, SDBD	981	904	0.9607	0.9591	9	59	29	12	5 HE10	
ALL	Gini	48000	5 HC11, MGM, TG, NO, HE10	856	1073	0.9598	0.9643	10	27	13	6	5	
ALL	Gini	48000	4 HC11, MGM, TG, NO	927	1006	0.9597	0.9614	11	31	16	7	4	
ALL	Discri uni	48000	5 HC11, MGM, TG, NO, HE10	974	1020	0.9585	0.9594	12					
ALL	Discri uni	48000	4 HC11, MGM, TG, NO	976	1018	0.9585	0.9593	12					
ALL	Discri multi	48000	5 HC11, MGM, TG, NO, HE10	1006	1006	0.9581	0.9581	14					
ALL	Discri multi	48000	4 HC11, MGM, TG, NO	929	1127	0.9572	0.9613	15					
ALL	Gini	48000	3 HC11, MGM, TG	963	1141	0.9562	0.9599	16					
ALL	Discri multi	48000	3 HC11, MGM, TG	869	1242	0.9560	0.9638	17					
ALL	Discri uni	48000	3 HC11, MGM, TG	1050	1069	0.9559	0.9563	18					
ALL	Discri multi	48000	2 HC11, MGM	986	1160	0.9553	0.9589	19					
ALL	Discri uni	48000	2 HC11, MGM	1015	1150	0.9549	0.9577	20					
ALL	Gini	48000	2 HC11, MGM	988	1188	0.9547	0.9588	21					
ALL	Discri uni	48000	1 HC11	1023	1163	0.9545	0.9574	22					
ALL	Discri multi	48000	1 HC11	1023	1163	0.9545	0.9574	22					
ALL	Gini	48000	1 HC11	988	1205	0.9543	0.9588	24					
ALL	Gini	48000	1 MGM	1814	1387	0.9333	0.9244	25					
ALL	Discri uni	48000	1 MGM	1588	1635	0.9329	0.9338	26					
ALL	Discri multi	48000	1 MGM	1588	1635	0.9329	0.9338	26					