Table 1: Results of wifi dataset

Algorithm	k	r	aggregation	Level of missing values	auc	stddev	Cross validation
f	(3, 5)	2.0	A9		0.996920	0.003743	10
f	(3, 5)	5.0	A9		0.996920	0.003743 0.003743	10
f	(3, 5)	10.0	A9		0.996920	0.003743	10
f	(3, 5)	2.0	A1		0.996913	0.003742	10
f	(3, 5)	5.0	A1		0.996913	0.003742	10
f	(3, 5)	10.0	A1		0.996913	0.003742	10
f	(3, 5)	2.0	A2		0.996913	0.003742	10
f	(3, 5)	5.0	A2		0.996913	0.003742	10
f	(3, 5)	10.0	A2		0.996913	0.003742	10
f	(3, 5)	2.0	A3		0.996913	0.003742	10
f	(3,5)	5.0	A3		0.996913	0.003742	10
f	(3,5)	10.0	A3		0.996913	0.003742	10
f	(3,5)	2.0	A4		0.996913	0.003742	10
f	(3,5)	5.0	A4		0.996913	0.003742	10
f	(3,5)	10.0	A4		0.996913	0.003742	10
f	(3,5)	2.0	A5		0.996913	0.003742	10
f	(3, 5)	5.0	A5		0.996913	0.003742	10
f	(3, 5)	10.0	A5		0.996913	0.003742	10
f	(3, 5)	2.0	A6		0.996913	0.003742	10
f	(3, 5)	5.0	A6		0.996913	0.003742	10
f	(3, 5)	10.0	A6		0.996913	0.003742	10
f	(3, 5)	2.0	A7		0.996913	0.003742	10
f	(3, 5)	5.0	A7		0.996913	0.003742	10
f	(3, 5)	10.0	A7		0.996913	0.003742	10
f	(3, 5)	2.0	A8		0.996913	0.003742	10
f	(3, 5)	5.0	A8		0.996913	0.003742	10
f	(3, 5)	10.0	A8		0.996913	0.003742	10
f	(3, 5)	2.0	A10		0.996913	0.003742	10
f	(3, 5)	5.0	A10		0.996913	0.003742	10
f	(3, 5)	10.0	A10		0.996913	0.003742	10
m	(3, 5)			0.0	0.996913	0.003742	10
f	(2, 4)	2.0	A1		0.995985	0.003844	10
f	(2, 4)	5.0	A1		0.995985	0.003844	10
f	(2, 4)	10.0	A1		0.995985	0.003844	10
f	(2, 4)	2.0	A2		0.995985	0.003844	10
f	(2, 4)	5.0	A2		0.995985	0.003844	10
f	(2, 4)	10.0	A2		0.995985	0.003844	10
f	(2, 4)	2.0	A7		0.995985	0.003844	10
f	(2, 4)	5.0	A7		0.995985	0.003844	10
f	(2, 4)	10.0	A7		0.995985	0.003844	10
m	(2, 4)				0.995985	0.003844	10
f	(2, 4)	2.0	A3		0.995983	0.003844	10
f	(2, 4)	5.0	A3		0.995983	0.003844	10
f	(2, 4)	10.0	A3		0.995983	0.003844	10
f	(2, 4)	2.0	A4		0.995983	0.003844	10
f	(2, 4)	5.0	A4		0.995983	0.003844	10
f	(2, 4)	10.0	A4		0.995983	0.003844	10
f	(2, 4)	2.0	A8		0.995983	0.003844	10
f	(2, 4)	5.0	A8		0.995983	0.003844	10
f	(2, 4)	10.0	A8		0.995983	0.003844	10
f f	(2, 4)	2.0	A9		0.995983	0.003844	10
f f	(2, 4)	5.0	A9		0.995983	0.003844	10
f	(2, 4)	10.0	A9		0.995983	0.003844	10
f	(2, 4)	2.0	A10		0.995983	0.003844	10
f	(2, 4)	5.0	A10		0.995983	0.003844	10
f	(2, 4)	10.0	A10		0.995983	0.003844	10
f	(2, 4)	2.0	A5		0.995980	0.003842	10
f	(2, 4)	5.0	A5 A5		0.995980 0.995980	0.003842 0.003842	10
f	(2, 4)	10.0	A5 A6		0.995980 0.995980	0.003842 0.003842	10 10
f	(2, 4)	I .			0.995980 0.995980		
I	(2, 4)	5.0	A6		0.995980	0.003842	10

Algorithm	k	r	aggregation	Level of	auc	stddev	Cross
				missing values			validation
f	(2, 4)	10.0	A6		0.995980	0.003842	10
f	(3, 5)	5.0	A4		0.997030	0.003341	10
f f	(3, 5)	10.0	A1		0.996915	0.003514	10
f	(3, 5) $(3, 5)$	10.0 5.0	A9 A2		0.996910 0.996853	0.003848 0.003596	10 10
f	(3, 5)	10.0	A10		0.996843	0.003548	10
f	(3, 5)	10.0	A6		0.996760	0.003472	10
f	(3,5)	5.0	A8		0.996705	0.003474	10
f	(3, 5)	10.0	A2		0.996595	0.003942	10
f	(3, 5)	5.0	A1		0.996528	0.003328	10
f	(2, 4)	10.0	A10		0.996462	0.003311	10
f f	(2, 4)	10.0	A5		0.996435	0.003507	10
f	(3, 5) $(3, 5)$	5.0 10.0	A3 A8		0.996433 0.996267	0.003909 0.003490	10 10
f	(3, 5)	5.0	A10		0.996267	0.003430	10
f	(3, 5)	5.0	A5		0.996253	0.004454	10
f	(3, 5)	10.0	A4		0.996200	0.004242	10
f	(3,5)	5.0	A9		0.996187	0.003979	10
f	(2, 4)	5.0	A9		0.996002	0.003810	10
f	(3, 5)	10.0	A3		0.995967	0.003963	10
f	(3, 5)	5.0	A7		0.995950	0.003986	10
f f	(2, 4)	5.0	A1		0.995945	0.003781	10
f	(2, 4) $(2, 4)$	10.0 5.0	A9 A8		0.995940 0.995937	0.003751 0.003637	10 10
f	(2, 4) $(3, 5)$	5.0	A6		0.995937 0.995812	0.003037	10
f	(2, 4)	10.0	A1		0.995793	0.003975	10
f	(2, 4)	5.0	A6	0.01	0.995672	0.003271	10
f	(2,4)	10.0	A7		0.995640	0.003417	10
f	(3, 5)	2.0	A10		0.995622	0.004993	10
f	(3, 5)	10.0	A5		0.995620	0.003836	10
f	(3, 5)	2.0	A3		0.995617	0.004137	10
f f	(3, 5) $(3, 5)$	$\frac{2.0}{2.0}$	A6 A5		0.995607 0.995595	0.003896 0.004569	10 10
f	(3, 3) $(2, 4)$	5.0	A5 A7		0.995595 0.995587	0.004309 0.004025	10
f	(2,4)	10.0	A6		0.995548	0.004028	10
f	(2, 4)	5.0	A5		0.995507	0.003621	10
f	(2,4)	10.0	A3		0.995413	0.003816	10
f	(2, 4)	10.0	A8		0.995325	0.004774	10
f	(2, 4)	5.0	A2		0.995295	0.003890	10
f	(2, 4)	2.0	A7		0.995277	0.004877	10
f f	(2, 4)	5.0	A4		0.995272	0.004375	10
f	(2, 4) $(2, 4)$	10.0 5.0	A4 A10		0.995232 0.995193	0.004377 0.004104	10 10
f	(3, 5)	2.0	A10 A4		0.995048	0.004104 0.005271	10
f	(3, 5)	10.0	A7		0.994948	0.004839	10
f	(3,5)	2.0	A8		0.994730	0.004837	10
f	(3, 5)	2.0	A2		0.994713	0.006060	10
f	(2, 4)	2.0	A3		0.994633	0.005943	10
f	(2, 4)	5.0	A3		0.994557	0.004952	10
f	(2, 4)	2.0	A6		0.994533	0.004188	10
f f	(2, 4)	10.0 2.0	A2 A1		0.994342 0.994258	0.005410 0.004391	10 10
f	(2, 4) $(2, 4)$	$\frac{2.0}{2.0}$	A1 A2		0.994238 0.993922	0.004591 0.003283	10
f	(3, 5)	2.0	A2 A9		0.993922	0.003283	10
f	(2, 4)	2.0	A5		0.993710	0.006741	10
f	(3, 5)	2.0	A1		0.993700	0.005166	10
f	(3, 5)	2.0	A7		0.993620	0.006876	10
f	(2, 4)	2.0	A9		0.993587	0.003974	10
f	(2, 4)	2.0	A10		0.993470	0.006865	10
f f	(2, 4)	2.0	A8		0.993395	0.005059	10
m I	(2, 4) $(2, 4)$	2.0	A4		0.991763 0.990080	0.005672 0.003277	10 10
111	(2,4)		I	I	0.230000	0.000411	10

Algorithm	k	r	aggregation	Level of	auc	stddev	Cross
				missing values			validation
m	(3, 5)				0.989865	0.005351	10
f	(3, 5)	5.0	A10		0.995762	0.003580	10
f	(2, 4)	5.0	A5		0.995305	0.002595	10
f	(3, 5)	10.0	A2		0.994893	0.004025	10
f	(3, 5)	10.0	A5		0.994750	0.005808	10
f f	(3, 5)	5.0 10.0	A1 A10		0.994745 0.994687	0.005372 0.003942	10 10
f	(3, 5) $(2, 4)$	5.0	A10 A6		0.994687	0.003942 0.002802	10
f	(2, 4) $(2, 4)$	10.0	A0 A2		0.994588	0.002802 0.005244	10
f	(3, 5)	5.0	A7		0.994487	0.003244 0.004272	10
f	(3, 5)	10.0	A3		0.994197	0.004506	10
f	(2, 4)	10.0	A7		0.994102	0.004430	10
f	(3,5)	10.0	A1		0.993955	0.005214	10
f	(3, 5)	5.0	A4		0.993952	0.004714	10
f	(3, 5)	10.0	A6		0.993928	0.004010	10
f	(2, 4)	10.0	A5		0.993917	0.003695	10
f	(3, 5)	5.0	A5		0.993883	0.003219	10
f	(2, 4)	10.0	A10		0.993860	0.005053	10
f	(2, 4)	10.0	A6		0.993853	0.005142	10
f f	(3, 5)	5.0 10.0	A6 A9		0.993635 0.993363	0.004791 0.005812	10 10
f	(3, 5) $(3, 5)$	10.0	A9 A7		0.993305	0.005812 0.007024	10
f	(3, 5)	10.0	A8		0.993278	0.007024	10
f	(2, 4)	5.0	A10		0.993262	0.004792	10
f	(3, 5)	5.0	A3		0.993212	0.005354	10
f	(3, 5)	10.0	A4		0.993072	0.004587	10
f	(3,5)	5.0	A2		0.992853	0.005955	10
f	(3, 5)	5.0	A8		0.992780	0.004394	10
f	(2, 4)	5.0	A4		0.992720	0.004826	10
f	(2, 4)	10.0	A1		0.992648	0.004617	10
f	(2, 4)	10.0	A4	0.05	0.992310	0.006668	10
f	(2, 4)	5.0	A2	0.05	0.991925	0.004640	10
f f	(2, 4)	5.0	A7		0.991895	0.005827	10
f	(2, 4) $(2, 4)$	5.0 5.0	A9 A1		0.991892 0.991877	0.004709 0.005496	10 10
f	(2, 4) $(2, 4)$	10.0	A3		0.991877 0.991837	0.003490 0.004641	10
f	(2,4)	5.0	A3		0.991832	0.004041	10
f	(2, 1)	10.0	A9		0.991435	0.006253	10
f	(2, 4)	10.0	A8		0.991138	0.005981	10
f	(3,5)	5.0	A9		0.990740	0.005007	10
f	(2, 4)	5.0	A8		0.990070	0.007157	10
f	(3, 5)	2.0	A1		0.989220	0.006908	10
f	(3, 5)	2.0	A4		0.988828	0.004771	10
f	(3, 5)	2.0	A2		0.988818	0.004761	10
f f	(3, 5)	2.0	A5		0.988463	0.007502	10
f	(3, 5)	2.0 2.0	A9 A8		0.988372 0.988197	0.008559 0.005620	10 10
f	(2, 4) $(3, 5)$	2.0	A3		0.987563	0.003020 0.007145	10
f	(2, 4)	2.0	A3 A2		0.986412	0.007145	10
f	(3, 5)	2.0	A8		0.985687	0.007899	10
f	(2, 4)	2.0	A10		0.985623	0.007600	10
f	(2, 4)	2.0	A6		0.985218	0.007382	10
f	(3, 5)	2.0	A10		0.985198	0.007320	10
f	(2, 4)	2.0	A7		0.985082	0.010610	10
f	(3, 5)	2.0	A6		0.984770	0.006863	10
f	(3, 5)	2.0	A7		0.984625	0.008847	10
f	(2, 4)	2.0	A3		0.984463	0.007218	10
f	(2, 4)	2.0	A1		0.984422	0.008449	10
f f	(2, 4)	$\frac{2.0}{2.0}$	A4 A5		0.983252	0.005214	10 10
f	(2, 4) $(2, 4)$	$\frac{2.0}{2.0}$	A5 A9		0.982473 0.981747	0.007326 0.008910	10
m	(3, 5)	2.0	11.0		0.964475	0.003910 0.012225	10
1	1 (0, 0)	l	I	I	0.001110	0.01222	10

Algorithm	k	r	aggregation	Level of	auc	stddev	Cross
				missing values			validation
m	(2, 4)				0.962322	0.007589	10
f	(3, 5)	10.0	A2		0.992428	0.004048	10
f	(2, 4)	10.0	A2		0.992138	0.006379	10
f	(3, 5)	10.0	A1		0.991998	0.004854	10
f f	(3, 5)	10.0 10.0	A5		0.991465	0.005281	10 10
f	(3, 5) $(2, 4)$	10.0	A10 A7		0.991417 0.991382	0.005213 0.005708	10
f	(2, 4) $(2, 4)$	10.0	A1		0.991362 0.991250	0.005708	10
f	(3, 5)	10.0	A7		0.990428	0.003730	10
f	(3, 5)	5.0	A7		0.990385	0.004303	10
f	(2, 4)	5.0	A1		0.990350	0.005356	10
f	(3,5)	5.0	A5		0.989982	0.005549	10
f	(2, 4)	5.0	A5		0.989898	0.005328	10
f	(2, 4)	10.0	A6		0.989483	0.005632	10
f	(3, 5)	5.0	A2		0.989157	0.005717	10
f	(2, 4)	5.0	A6		0.989143	0.007073	10
f	(2, 4)	5.0	A2		0.988913	0.006252	10
f	(2, 4)	10.0	A10		0.988877	0.006985	10
f	(2, 4)	5.0	A10		0.988872	0.005466	10
f	(3, 5)	10.0	A6		0.988800	0.008731	10
f f	(3, 5)	5.0	A6		0.988745	0.006596	10
f	(2, 4)	5.0 5.0	A7 A4		0.988647 0.988593	0.005378 0.004109	10 10
f	(2, 4) $(3, 5)$	10.0	A3		0.988492	0.004109 0.006914	10
f	(3, 5)	5.0	A1		0.988392	0.000314	10
f	(2, 4)	10.0	A5		0.987885	0.009605	10
f	(3, 5)	5.0	A10		0.987863	0.006643	10
f	(3, 5)	10.0	A9		0.987378	0.005918	10
f	(2, 4)	10.0	A4		0.987145	0.007399	10
f	(2, 4)	10.0	A9		0.986925	0.005509	10
f	(3, 5)	10.0	A4		0.986317	0.006782	10
f	(2, 4)	10.0	A3		0.986215	0.007648	10
f	(3, 5)	5.0	A3		0.986213	0.007285	10
f	(2, 4)	5.0	A9	0.1	0.985993	0.009180	10
f	(3, 5)	5.0	A9		0.985913	0.008436	10
f	(3, 5)	5.0	A4		0.985833	0.006559	10
f f	(3, 5)	5.0	A8		0.984930	0.006114	10
f	(2, 4)	5.0 10.0	A3 A8		0.984497 0.984237	0.006573 0.006962	10 10
f	(3, 5) $(2, 4)$	5.0	A8		0.984237 0.983273	0.000902 0.007647	10
f	(2,4)	10.0	A8		0.979560	0.006379	10
f	(3, 5)	2.0	A10		0.979150	0.007813	10
f	(3,5)	2.0	A4		0.977392	0.010075	10
f	(3,5)	2.0	A1		0.976463	0.006869	10
f	(2, 4)	2.0	A10		0.976383	0.011809	10
f	(2, 4)	2.0	A6		0.976115	0.007761	10
f	(3, 5)	2.0	A6		0.975913	0.009036	10
f	(2, 4)	2.0	A9		0.975277	0.006268	10
f	(3, 5)	2.0	A3		0.975225	0.006608	10
f	(3, 5)	2.0	A9		0.975085	0.009996	10
f f	(3, 5)	2.0 2.0	A8 A7		0.975003	0.005083	10
f	(3, 5)	$\frac{2.0}{2.0}$	A7 A5		0.974373 0.974035	$\begin{array}{c} 0.007139 \\ 0.006922 \end{array}$	10 10
f	(3, 5) $(2, 4)$	$\frac{2.0}{2.0}$	A5 A1		0.974033	0.000922 0.010200	10
f	(2, 4) $(2, 4)$	2.0	A5		0.973483 0.972420	0.010200	10
f	(2, 4) $(3, 5)$	2.0	A2		0.972420 0.972072	0.013001	10
f	(2, 4)	2.0	A4		0.971560	0.006565	10
f	(2, 4)	2.0	A8		0.971440	0.008554	10
f	(2,4)	2.0	A2		0.970983	0.012274	10
f	(2, 4)	2.0	A7		0.969805	0.009929	10
f	(2, 4)	2.0	A3		0.967513	0.009021	10
m	(3, 5)				0.930437	0.013195	10

Algorithm	k	r	aggregation	Level of	auc	stddev	Cross
				missing values			validation
m	(2, 4)				0.921830	0.016348	10
f	(3, 5)	10.0	A7		0.982133	0.005893	10
f	(2, 4)	10.0	A7		0.980452	0.011467	10
f	(3, 5)	10.0	A1		0.980327	0.006205	10
f f	(2, 4)	10.0 10.0	A1 A2		0.979347 0.978857	0.009633	10 10
f	(3, 5) $(2, 4)$	10.0	A2 A2		0.978857 0.977652	0.008167 0.010397	10
f	(3, 5)	10.0	A5		0.977632	0.010397	10
f	(3, 5)	10.0	A10		0.976598	0.007161	10
f	(3, 5)	10.0	A6		0.975907	0.009030	10
f	(2, 4)	10.0	A5		0.975517	0.008655	10
f	(2,4)	10.0	A10		0.975367	0.009027	10
f	(2,4)	10.0	A6		0.975233	0.008422	10
f	(2, 4)	5.0	A1		0.973927	0.007821	10
f	(3, 5)	5.0	A2		0.972990	0.006480	10
f	(3, 5)	5.0	A7		0.972762	0.005944	10
f	(3, 5)	5.0	A1		0.972312	0.016031	10
f	(3, 5)	10.0	A4		0.971650	0.007575	10
f	(3, 5)	5.0	A6		0.971082	0.006148	10
f	(2, 4)	5.0	A5		0.970757	0.007098	10
f f	(3, 5)	5.0	A10		0.969923	0.010340	10
f	(2, 4) $(2, 4)$	5.0 5.0	A10 A2		0.969787 0.969453	0.010200 0.010349	10 10
f	(2, 4) $(2, 4)$	5.0	A6		0.969455 0.968375	0.010349 0.010290	10
f	(2, 4) $(2, 4)$	5.0	A7		0.968338	0.010230	10
f	(2, 4) $(3, 5)$	10.0	A3		0.967868	0.010363 0.010782	10
f	(2, 4)	10.0	A4		0.966625	0.008938	10
f	(3, 5)	10.0	A9		0.965895	0.010788	10
f	(3,5)	5.0	A3		0.965657	0.010898	10
f	(2, 4)	10.0	A3		0.964838	0.012005	10
f	(3, 5)	5.0	A5		0.964203	0.012611	10
f	(3, 5)	5.0	A9		0.964065	0.009856	10
f	(3, 5)	5.0	A4		0.963792	0.008567	10
f	(2, 4)	10.0	A9	0.2	0.963548	0.011416	10
f	(2, 4)	5.0	A4		0.963385	0.011308	10
f	(2, 4)	5.0	A3		0.962172	0.013017	10
f f	(2, 4)	5.0	A9		0.961457	0.014527	10
f	(3, 5)	5.0 5.0	A8 A8		0.959865 0.955680	0.008941 0.008982	10 10
f	(2, 4) $(3, 5)$	10.0	A8		0.953080 0.953427	0.003982	10
f	(2, 4)	10.0	A8		0.952425	0.011100	10
f	(3, 5)	2.0	A5		0.945372	0.009620	10
f	(3, 5)	2.0	A7		0.944080	0.011303	10
f	(3,5)	2.0	A9		0.941830	0.020485	10
f	(3, 5)	2.0	A10		0.941798	0.021154	10
f	(3, 5)	2.0	A4		0.941397	0.015568	10
f	(3, 5)	2.0	A6		0.940717	0.015439	10
f	(3, 5)	2.0	A2		0.939083	0.015742	10
f	(3, 5)	2.0	A8		0.938392	0.016977	10
f	(2, 4)	2.0	A7		0.938005	0.014765	10
f	(2, 4)	2.0	A4		0.937968	0.011983	10
f f	(3, 5)	2.0	A1		0.937798	0.027714	10
f	(2, 4)	2.0 2.0	A2 A10		0.937777 0.936895	0.018541 0.017965	10 10
f	(2, 4) $(2, 4)$	$\frac{2.0}{2.0}$	A10 A8		0.936895	0.017965	10
f	(2, 4) $(2, 4)$	2.0	A9		0.935692	0.018030 0.023137	10
f	(3, 5)	2.0	A3		0.934552	0.025137 0.012524	10
f	(2, 4)	2.0	A6		0.934425	0.012924	10
f	(2, 4)	2.0	A3		0.931732	0.015417	10
f	(2, 4)	2.0	A1		0.931177	0.010912	10
f	(2, 4)	2.0	A5		0.929180	0.015361	10
m	(3, 5)				0.845825	0.021004	10

Algorithm	k	r	aggregation	Level of missing values	auc	stddev	Cross validation
		1		missing varues	<u> </u>		
m	(2, 4)	10.0			0.841215	0.031572	10
f	(3, 5)	10.0	A7		0.964560	0.009923	10
f f	(3, 5)	10.0	A2		0.963342	0.011980	10
f	(3, 5)	10.0 10.0	A1 A1		0.961608	0.009552 0.016821	10 10
f	(2, 4) $(3, 5)$	10.0	A1 A6		0.959935 0.958248	0.010821 0.013503	10
f	(3, 3) $(2, 4)$	10.0	A0 A2		0.956575	0.013303 0.009871	10
f	(2, 4)	10.0	A7		0.955692	0.003571	10
f	(3, 5)	10.0	A10		0.955283	0.012033	10
f	(2, 4)	10.0	A6		0.954217	0.008788	10
f	(3, 5)	10.0	A5		0.950885	0.017104	10
f	(2,4)	10.0	A10		0.950548	0.014374	10
f	(2,4)	10.0	A5		0.949665	0.017224	10
f	(3, 5)	5.0	A2		0.945030	0.014019	10
f	(2, 4)	5.0	A7		0.944102	0.017547	10
f	(3, 5)	5.0	A7		0.942900	0.020165	10
f	(3, 5)	5.0	A1		0.942877	0.014307	10
f	(2, 4)	5.0	A1		0.941873	0.022257	10
f	(3, 5)	10.0	A3		0.941692	0.014006	10
f	(2, 4)	10.0	A3		0.941328	0.013922	10
f	(3, 5)	10.0	A4		0.941132	0.014348	10
f	(3, 5)	5.0	A6		0.940410	0.017480	10
f	(3, 5)	5.0	A10		0.940307	0.009588	10
f f	(2, 4)	5.0	A2		0.940107	0.009820	10
f	(3, 5)	5.0	A5		0.940043	0.011419	10 10
f	(2, 4)	5.0 10.0	A6 A4		0.938910 0.938483	$0.014260 \\ 0.013160$	10
f	(2, 4) $(2, 4)$	5.0	A10		0.936465 0.937195	0.015100	10
f	(3, 5)	10.0	A10 A9	0.3	0.935647	0.010439	10
f	(3, 5)	5.0	A3	0.0	0.931612	0.010230	10
f	(3, 5)	5.0	A4		0.930733	0.018034	10
f	(2, 4)	5.0	A5		0.930003	0.011383	10
f	(2, 4)	5.0	A4		0.928842	0.015422	10
f	(3,5)	5.0	A9		0.928583	0.017165	10
f	(2, 4)	10.0	A9		0.926887	0.011989	10
f	(2, 4)	5.0	A3		0.924815	0.020618	10
f	(3, 5)	5.0	A8		0.921668	0.014081	10
f	(3, 5)	10.0	A8		0.921158	0.015177	10
f	(2, 4)	5.0	A8		0.916678	0.013945	10
f	(2, 4)	5.0	A9		0.916352	0.017054	10
f	(2, 4)	10.0	A8		0.910905	0.016159	10
f f	(3, 5)	2.0	A2		0.906005	0.015827	10
f	(3, 5)	2.0 2.0	A8 A7		0.905212 0.903492	0.015708 0.025202	10 10
f	(3, 5) $(3, 5)$	$\frac{2.0}{2.0}$	A1		0.903492 0.898687	0.025202 0.020588	10
f	(3, 5)	2.0	A1 A4		0.898538	0.020388 0.022177	10
f	(3, 3) $(2, 4)$	2.0	A8		0.897518	0.022177	10
f	(3, 5)	2.0	A6		0.896465	0.021210	10
f	(3, 5)	2.0	A5		0.896163	0.016858	10
f	(3, 5)	2.0	A9		0.895413	0.032706	10
f	(2,4)	2.0	A6		0.893330	0.023042	10
f	(2, 4)	2.0	A4		0.892982	0.022710	10
f	(2, 4)	2.0	A9		0.891988	0.016526	10
f	(2, 4)	2.0	A5		0.891775	0.019381	10
f	(2, 4)	2.0	A2		0.891065	0.017854	10
f	(3, 5)	2.0	A3		0.889718	0.025997	10
f	(2, 4)	2.0	A1		0.889222	0.019472	10
f	(2, 4)	2.0	A10		0.888258	0.019902	10
f	(3, 5)	2.0	A10		0.886998	0.016992	10
f	(2, 4)	2.0	A7		0.881190	0.020856	10
f	(2, 4)	2.0	A3		0.880193 0.789623	0.026368	10
m	(3, 5)		l		0.109023	0.023668	10

Algorithm	k	r	aggregation	Level of	auc	stddev	Cross
<u> </u>		1		missing values	<u> </u>	1	validation
m	(2, 4)				0.758438	0.023446	10
f	(3, 5)	10.0	A7		0.937322	0.013833	10
f	(3, 5)	10.0	A2		0.937223	0.018449	10
f f	(2, 4)	10.0	A7 A2		0.931357	0.018640	10 10
f	(2, 4) $(2, 4)$	10.0 10.0	A2 A1		0.929860 0.928740	0.014512 0.012175	10
f	(3, 5)	10.0	A6		0.928740 0.928677	0.012175 0.014194	10
f	(3, 5)	10.0	A1		0.926140	0.014134	10
f	(3, 5)	10.0	A5		0.919967	0.018140	10
f	(3, 5)	10.0	A10		0.918317	0.016276	10
f	(2, 4)	10.0	A10		0.917455	0.013767	10
f	(2, 4)	5.0	A1		0.914715	0.014077	10
f	(2, 4)	10.0	A6		0.914502	0.018737	10
f	(3, 5)	5.0	A5		0.913330	0.017316	10
f	(2, 4)	10.0	A5		0.911677	0.020149	10
f	(3, 5)	5.0	A1		0.911100	0.017111	10
f	(2, 4)	5.0	A2		0.910133	0.025138	10
f	(3, 5)	10.0	A3		0.908645	0.022773	10
f	(3, 5)	5.0	A2		0.906720	0.026418	10
f f	(3, 5)	5.0	A7		0.905948	0.017884	10
f	(3, 5) $(3, 5)$	5.0 5.0	A6 A10		0.905450 0.905192	0.018772 0.017513	10 10
f	(3, 5)	10.0	A10 A4		0.902600	0.017913	10
f	(2, 4)	10.0	A3		0.899753	0.022947	10
f	(2, 4)	10.0	A4		0.898847	0.023896	10
f	(2, 4)	5.0	A5		0.897990	0.021767	10
f	(2, 4)	5.0	A7		0.897968	0.023271	10
f	(3, 5)	10.0	A9		0.896855	0.017916	10
f	(2, 4)	5.0	A4		0.892982	0.018404	10
f	(3, 5)	5.0	A4	0.4	0.890967	0.025682	10
f	(2, 4)	5.0	A10		0.886555	0.008638	10
f	(2, 4)	5.0	A6		0.884530	0.025771	10
f	(3, 5)	10.0	A8		0.884090	0.011063	10
f	(2, 4)	10.0	A9		0.881662	0.019381	10
f f	(2, 4) $(3, 5)$	5.0 5.0	A9 A9		0.880525 0.880398	0.023112 0.015609	10 10
f	(3, 5)	5.0	A3		0.880198	0.013009	10
f	(3, 5)	5.0	A8		0.875975	0.017708	10
f	(2, 4)	5.0	A3		0.874020	0.026469	10
f	(2, 4)	5.0	A8		0.865228	0.012554	10
f	(2, 4)	10.0	A8		0.857323	0.017681	10
f	(3, 5)	2.0	A7		0.856342	0.023597	10
f	(2, 4)	2.0	A7		0.853355	0.026434	10
f	(3, 5)	2.0	A4		0.852673	0.027431	10
f	(3, 5)	2.0	A6		0.851318	0.019111	10
f	(3, 5)	2.0	A5		0.848028	0.021548	10
f	(3, 5)	2.0	A2		0.847847	0.028045	10
f f	(3, 5)	2.0	A1		0.844462	0.035429	10
f	(3, 5) $(3, 5)$	$\begin{array}{c c} 2.0 \\ 2.0 \end{array}$	A9 A10		$0.843890 \\ 0.843723$	0.018530 0.027269	10 10
f	(3, 5)	$\frac{2.0}{2.0}$	A10 A3		0.843723	0.027269 0.023291	10
f	(2, 4)	2.0	A10		0.842478	0.025291 0.026773	10
f	(3, 5)	2.0	A8		0.842020	0.032893	10
f	(2, 4)	2.0	A5		0.840307	0.031568	10
f	(2,4)	2.0	A2		0.838877	0.036196	10
f	(2, 4)	2.0	A8		0.837993	0.022170	10
f	(2, 4)	2.0	A3		0.835852	0.024202	10
f	(2, 4)	2.0	A9		0.834237	0.026986	10
f	(2, 4)	2.0	A6		0.833552	0.012445	10
f	(2, 4)	2.0	A4		0.832457	0.029342	10
f	(2, 4)	2.0	A1		0.832170	0.031851	10
m	(3, 5)		l	I	0.716860	0.021610	10

Algorithm	k	r	aggregation	Level of missing values	auc	stddev	Cross validation
		1		Imssing values			
m	(2, 4)	10.0			0.698450	0.024292	10
f	(2, 4)	10.0	A1		0.885205	0.028814	10
f f	(3, 5)	10.0	A10		0.874308	0.033643	10
f	(2, 4)	10.0	A6		0.870708	0.021307	10 10
f	(3, 5)	10.0 10.0	A6 A2		0.867382	0.021235 0.043231	10
f	(2, 4) $(3, 5)$	10.0	A2 A5		0.866975 0.863590	0.045251 0.027356	10
f	(3, 5)	10.0	A1		0.858783	0.027330 0.030978	10
f	(3, 5)	10.0	A1 A4		0.858780	0.030978 0.029368	10
f	(3, 5)	5.0	A5		0.854405	0.029308 0.015152	10
f	(2,4)	5.0	A7		0.854172	0.013132 0.029759	10
f	(2, 4)	5.0	A1		0.852603	0.029739 0.027430	10
f	(2,4)	10.0	A3		0.852255	0.021430 0.020322	10
f	(2,4)	5.0	A2		0.847875	0.020522 0.030575	10
f	(3, 5)	5.0	A4		0.845382	0.028022	10
f	(2, 4)	5.0	A5		0.845103	0.015805	10
f	(3, 5)	10.0	A7		0.843682	0.018003 0.028207	10
f	(2, 4)	5.0	A10		0.839692	0.040516	10
f	(3, 5)	5.0	A6		0.833430	0.024132	10
f	(2, 4)	10.0	A9		0.831788	0.028240	10
f	(3, 5)	10.0	A2		0.828090	0.036271	10
f	(3, 5)	5.0	A9		0.826147	0.020722	10
f	(2, 4)	10.0	A5		0.825253	0.049803	10
f	(3,5)	10.0	A8		0.823732	0.022160	10
f	(2,4)	10.0	A7		0.823572	0.033515	10
f	(3,5)	5.0	A1		0.820938	0.022241	10
f	(2, 4)	5.0	A9		0.820913	0.034179	10
f	(3, 5)	10.0	A9		0.819042	0.030890	10
f	(2, 4)	5.0	A3		0.818803	0.038148	10
f	(3, 5)	10.0	A3	0.5	0.816025	0.020265	10
f	(3, 5)	5.0	A7		0.811955	0.029283	10
f	(2, 4)	10.0	A8		0.810322	0.025921	10
f	(3, 5)	5.0	A8		0.807045	0.027652	10
f	(3, 5)	2.0	A1		0.804265	0.016881	10
f	(2, 4)	5.0	A6		0.803665	0.042786	10
f	(3, 5)	2.0	A7		0.801723	0.023711	10
f	(3, 5)	2.0	A8		0.799328	0.026776	10
f	(3, 5)	2.0	A6		0.796135	0.023091	10
f	(2, 4)	2.0	A1		0.795650	0.036948	10
f	(2, 4)	5.0	A8		0.794723	0.013560	10
f	(2, 4)	2.0	A5		0.793870	0.025437	10
f	(2, 4)	2.0	A2		0.791598	0.026030	10
f f	(3, 5)	2.0	A4		0.791395	0.032946	10
f	(3, 5)	5.0	A10		0.791097	0.046812	10
f f	(3, 5)	$2.0 \\ 2.0$	A9 A10		0.790680 0.789958	0.023735 0.039353	10 10
f	(2, 4)	$\frac{2.0}{2.0}$	A10 A2		0.785403	0.039353 0.033204	10
f	(3, 5) $(2, 4)$	$\frac{2.0}{2.0}$	A2 A8		0.785403 0.785072	0.033204 0.034600	10
f	(2, 4) $(2, 4)$	$\frac{2.0}{2.0}$	A8		0.783183	0.034600 0.017004	10
f	(2, 4) $(2, 4)$	2.0	A6		0.782760	0.017004 0.041635	10
f	(2, 4) $(2, 4)$	2.0	A9		0.782700 0.782207	0.041035 0.029622	10
f	(2, 4)	2.0	A7		0.775883	0.025022 0.035355	10
f	(3, 5)	2.0	A10		0.774767	0.019825	10
f	(3, 5)	5.0	A3		0.774672	0.051399	10
f	(2, 4)	2.0	A4		0.763802	0.029276	10
f	(3, 5)	2.0	A3		0.757502	0.037076	10
f	(3, 5)	2.0	A5		0.752852	0.030310	10
f	(2, 4)	10.0	A10		0.747867	0.024859	10
f	(2, 4)	5.0	A4		0.713215	0.027141	10
m	(2,4)				0.708990	0.023385	10
f	(2, 4)	10.0	A4		0.705013	0.035040	10
f	(3, 5)	5.0	A2		0.704030	0.037546	10
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Algorithm	k	r	aggregation	Level of missing values	auc	stddev	Cross validation
m	(3, 5)				0.690558	0.036783	10