Table 1: Results of vertebral dataset

Algorithm	k	r	aggregation	Level of missing values	auc	stddev	Cross validation
f	2.4	2.0	A5		0.877222	0.057088	10
f	2.4	5.0	A5		0.877222	0.057088	10
f	2.4	10.0	A5		0.877222	0.057088	10
f	2.4	2.0	A9		0.876556	0.059098	10
f	2.4	5.0	A9		0.876556	0.059098	10
f	2.4	10.0	A9		0.876556	0.059098	10
f	2.4	2.0	A10		0.876509	0.059467	10
f	2.4	5.0	A10		0.876509	0.059467	10
f	2.4	10.0	A10		0.876509	0.059467	10
f	2.4	2.0	A3		0.876370	0.059318	10
f	2.4	5.0	A3		0.876370	0.059318	10
f	2.4	10.0	A3		0.876370	0.059318	10
f	2.4	2.0	A4		0.876370	0.059318	10
f	2.4	5.0	A4		0.876370	0.059318	10
f	2.4	10.0	A4		0.876370	0.059318	10
f	2.4	2.0	A8		0.876204	0.058990	10
f	2.4	5.0	A8		0.876204	0.058990	10
f	2.4	10.0	A8		0.876204	0.058990	10
f	2.4	2.0	A1		0.875824	0.059503	10
f	2.4	5.0	A1		0.875824	0.059503	10
f	2.4	10.0	A1		0.875824	0.059503	10
f	2.4	2.0	A2		0.875824	0.059503	10
f	2.4	5.0	A2		0.875824	0.059503	10
f	2.4	10.0	A2		0.875824	0.059503	10
f	2.4	2.0	A7		0.875824	0.059503	10
f	2.4	5.0	A7		0.875824	0.059503	10
f	2.4	10.0	A7		0.875824	0.059503	10
m	2.4				0.875824	0.059503	10
f	2.4	2.0	A6	0.0	0.874852	0.059684	10
f	2.4	5.0	A6		0.874852	0.059684	10
f	2.4	10.0	A6		0.874852	0.059684	10
f	3.5	2.0	A3		0.874528	0.058676	10
f	3.5	5.0	A3		0.874528	0.058676	10
f	3.5	10.0	A3		0.874528	0.058676	10
f	3.5	2.0	A4		0.874111	0.058374	10
f	3.5	5.0	A4		0.874111	0.058374	10
f	3.5	10.0	A4		0.874111	0.058374	10
f	3.5	2.0	A10		0.873972	0.058640	10
f	3.5	5.0	A10		0.873972	0.058640	10
f	3.5	10.0	A10		0.873972	0.058640	10
f	3.5	2.0	A9		0.873306	0.058739	10
f	3.5	5.0	A9		0.873306	0.058739	10
f	3.5	10.0	A9		0.873306	0.058739	10
f	3.5	2.0	A6		0.873102	0.059835	10
f	3.5	5.0	A6		0.873102	0.059835	10
f	3.5	10.0	A6		0.873102	0.059835	10
f	3.5	2.0	A1		0.872889	0.059452	10
f	3.5	5.0	A1		0.872889	0.059452	10
f	3.5	10.0	A1		0.872889	0.059452	10
f	3.5	2.0	A2		0.872889	0.059452	10
f	3.5	5.0	A2		0.872889	0.059452	10
f	3.5	10.0	A2		0.872889	0.059452	10
f	3.5	2.0	A7		0.872889	0.059452	10
f	3.5	5.0	A7		0.872889	0.059452	10
f	3.5	10.0	A7		0.872889	0.059452	10
m	3.5	0.0	. ~		0.872889	0.059452	10
f	3.5	2.0	A5		0.872824	0.058993	10
f	3.5	5.0	A5		0.872824	0.058993	10
f	3.5	10.0	A5		0.872824	0.058993	10
f	3.5	2.0	A8		0.872324	0.059894	10
f	3.5	5.0	A8		0.872324	0.059894	10

Algorithm	k	r	aggregation	Level of missing values	auc	stddev	Cross validation
f	3.5	10.0	A8		0.872324	0.059894	10
f	2.4	10.0	A8		0.880861	0.058773	10
f	2.4	5.0	A3		0.880139	0.056822	10
f	2.4	5.0	A2		0.879537	0.060985	10
f	3.5	2.0	A7		0.879463	0.049037	10
f	3.5	5.0	A3		0.878991	0.056412	10
f	3.5	10.0	A5		0.878398	0.059151	10
f	2.4	2.0	A4		0.878380	0.057178	10
f	2.4	5.0	A7		0.877833	0.056822	10
f	2.4	2.0	A6		0.877750	0.066138	10
$^{\rm f}_{\rm f}$	$\begin{array}{ c c }\hline 3.5\\ 2.4\\ \end{array}$	2.0 5.0	A10 A5		$0.877000 \\ 0.876694$	0.054256 0.060739	10 10
f	$\begin{array}{ c c c c } 2.4 \\ 2.4 \end{array}$	5.0 - 5.0	A6		0.876528	0.060739 0.052764	10
f	$\frac{2.4}{3.5}$	5.0	A9		0.876928 0.875926	0.032704 0.045877	10
f	3.5	10.0	A4		0.874843	0.043377	10
f	3.5	10.0	A8		0.874676	0.053738	10
f	$\frac{0.0}{2.4}$	10.0	A2		0.874278	0.065208	10
f	2.4	10.0	A3		0.874250	0.054786	10
f	3.5	2.0	A1		0.874241	0.062940	10
f	3.5	5.0	A2		0.874120	0.060197	10
f	3.5	2.0	A2		0.873954	0.057324	10
f	3.5	10.0	A10		0.873824	0.050715	10
f	2.4	5.0	A9		0.873694	0.054827	10
f	3.5	2.0	A9		0.873000	0.056366	10
f	2.4	5.0	A1		0.872880	0.060814	10
\mathbf{f}	3.5	10.0	A2		0.872824	0.052053	10
f	2.4	5.0	A10		0.872667	0.061561	10
\mathbf{f}	2.4	10.0	A4		0.872333	0.054506	10
\mathbf{f}	2.4	2.0	A8		0.871333	0.059291	10
\mathbf{f}	2.4	2.0	A9		0.871231	0.061759	10
f	3.5	10.0	A3	0.01	0.871130	0.059069	10
f	2.4	5.0	A8		0.871065	0.066818	10
f	2.4	10.0	A7		0.871037	0.068603	10
f	2.4	10.0	A1		0.870981	0.053867	10
f	3.5	2.0	A3		0.870731	0.055900	10
f	3.5	5.0	A10		0.870639	0.058889	10
f	2.4	5.0	A4		0.870380	0.077290	10
f	3.5	5.0	A7		0.870241	0.052563	10
f	3.5	5.0	A8		0.869880	0.054960	10
f	3.5	5.0	A1		0.869676	0.055889	10
f	3.5	10.0	A1		0.869620	0.063578	10
f f	2.4	2.0	A1		0.869176	0.062968	10
f	$\begin{array}{ c c } 2.4 \\ 3.5 \end{array}$	$10.0 \\ 2.0$	A6 A4		0.868852 0.867843	0.050998 0.060080	10 10
m	3.5	2.0	A4		0.867843	0.056316	10
f	3.5	2.0	A8		0.867741	0.050310 0.051822	10
f	3.5	5.0	A6		0.867676	0.031822 0.063156	10
f	$\frac{3.3}{2.4}$	2.0	A7		0.867648	0.060164	10
f	3.5	2.0	A6		0.867565	0.053779	10
f	3.5	10.0	A6		0.867287	0.060106	10
f	3.5	10.0	A7		0.866731	0.058665	10
\mathbf{f}	3.5	10.0	A9		0.866380	0.057989	10
f	3.5	5.0	A4		0.866324	0.053782	10
f	3.5	5.0	A5		0.866259	0.052105	10
f	2.4	10.0	A5		0.865861	0.062396	10
\mathbf{f}	2.4	2.0	A2		0.865685	0.063746	10
\mathbf{f}	2.4	2.0	A5		0.865500	0.058896	10
\mathbf{f}	3.5	2.0	A5		0.864407	0.053762	10
\mathbf{f}	2.4	2.0	A10		0.861815	0.069416	10
\mathbf{f}	2.4	10.0	A9		0.861648	0.052830	10
m	2.4				0.859528	0.068014	10
\mathbf{f}	2.4	10.0	A10		0.857657	0.068399	10

Algorithm	k	r	aggregation	Level of missing values	auc	stddev	Cross validation
f	2.4	2.0	A3		0.857231	0.063357	10
f	2.4	2.0	A1		0.882315	0.054991	10
f	2.4	2.0	A10		0.878815	0.051265	10
f	3.5	5.0	A10		0.874870	0.054758	10
f	2.4	5.0	A6		0.874139	0.048876	10
${\rm f} \\ {\rm f}$	2.4	10.0	A7		0.873620	0.039915	10
f	$\begin{array}{ c c }\hline 3.5\\ 2.4\\ \end{array}$	$10.0 \\ 5.0$	A6 A4		$0.873380 \\ 0.873083$	$0.055100 \\ 0.057018$	10 10
f	$\frac{2.4}{3.5}$	10.0	A10		0.873065	0.057018 0.051451	10
f	$\frac{3.3}{2.4}$	5.0	A10 A2		0.869546	0.031431 0.044710	10
f	$\frac{2.4}{3.5}$	10.0	A8		0.869241	0.044710	10
f	3.5	2.0	A9		0.867241	0.047044	10
f	$\frac{3.5}{3.5}$	5.0	A3		0.866454	0.050451	10
f	2.4	10.0	A4		0.866398	0.050707	10
f	3.5	10.0	A9		0.865537	0.059991	10
f	3.5	2.0	A6		0.865167	0.056918	10
f	3.5	5.0	A1		0.865083	0.066189	10
f	3.5	2.0	A1		0.864981	0.067258	10
f	3.5	10.0	A2		0.864407	0.045410	10
\mathbf{f}	3.5	10.0	A3		0.861593	0.061999	10
f	3.5	10.0	A5		0.861463	0.062764	10
\mathbf{f}	2.4	5.0	A3		0.861259	0.082589	10
\mathbf{f}	2.4	2.0	A7		0.860361	0.066819	10
f	2.4	10.0	A9		0.859972	0.070529	10
f	2.4	5.0	A7		0.859843	0.081725	10
f	3.5	5.0	A6		0.859815	0.036589	10
f	2.4	2.0	A2		0.859750	0.060442	10
f	3.5	2.0	A10		0.859639	0.064772	10
f	3.5	10.0	A7	0.05	0.859620	0.035717	10
f	2.4	10.0	A6	0.05	0.858722	0.056220	10
f	3.5	5.0	A2		0.858630	0.051212	10
f	2.4	10.0	A3		0.858278	0.062621	10
f f	3.5	$\frac{2.0}{5.0}$	A7 A4		0.857713 0.857130	0.035671	10
	1					0.059967	10
f f	$\begin{vmatrix} 2.4 \\ 3.5 \end{vmatrix}$	$10.0 \\ 2.0$	A5 A8		0.856843 0.856796	0.070703 0.053156	10 10
f	$\begin{array}{ c c c c c c c c c c c c c c c c c c c$	$\frac{2.0}{2.0}$	A8		0.855574	0.053150 0.057528	10
f	$\frac{2.4}{3.5}$	10.0	A4		0.855574 0.855537	0.037328	10
f	$\frac{0.0}{2.4}$	2.0	A5		0.854611	0.058683	10
f	3.5	2.0	A3		0.853870	0.068345	10
f	2.4	5.0	A10		0.853815	0.040634	10
f	3.5	5.0	A5		0.853093	0.054488	10
f	3.5	5.0	A9		0.851870	0.066209	10
f	2.4	10.0	A8		0.851676	0.074197	10
f	3.5	5.0	A7		0.851148	0.053714	10
\mathbf{f}	2.4	10.0	A1		0.851019	0.075476	10
\mathbf{f}	2.4	10.0	A10		0.850861	0.058828	10
f	3.5	5.0	A8		0.850722	0.050575	10
f	2.4	5.0	A8		0.850676	0.078452	10
\mathbf{f}	2.4	5.0	A1		0.850500	0.079406	10
f	3.5	2.0	A4		0.849046	0.052042	10
f	2.4	5.0	A9		0.848194	0.060754	10
f	3.5	10.0	A1		0.846861	0.059656	10
f	3.5	2.0	A2		0.845880	0.041731	10
f	2.4	10.0	A2		0.844898	0.072962	10
f	2.4	5.0	A5		0.842713	0.071620	10
f	2.4	2.0	A9		0.842528	0.058492	10
f	2.4	2.0	A6		0.841722	0.061280	10
$_{\rm f}^{\rm f}$	$\begin{array}{ c c }\hline 3.5\\ 2.4\\ \end{array}$	$\frac{2.0}{2.0}$	A5 A4		$0.841241 \\ 0.830176$	0.062996 0.059788	10
f	$2.4 \\ 2.4$	$\frac{2.0}{2.0}$	A4 A3		0.830176	0.059788 0.061742	10 10
1	4.4	∠.∪	AJ		0.040040	0.001742	10

lgorithm	k	r	aggregation	Level of missing values	auc	stddev	Cross validation
m	3.5				0.780519	0.076339	10
f	3.5	2.0	A8		0.871926	0.045625	10
f	3.5	5.0	A10		0.871852	0.052727	10
f	2.4	10.0	A6		0.869889	0.045063	10
f	2.4	10.0	A4		0.864167	0.059391	10
f	2.4	5.0	A8		0.863880	0.053547	10
f	2.4	10.0	A10		0.862361	0.074731	10
f	2.4	5.0	A5		0.861546	0.048759	10
f	3.5	2.0	A5		0.861435	0.043800	10
f f	$\frac{2.4}{3.5}$	5.0 5.0	A7		0.861176	0.030527	10
f	3.5	$\frac{5.0}{10.0}$	A9 A9		0.859833 0.858704	0.053308 0.053416	10 10
f	3.5	5.0	A9 A1		0.857704	0.053410 0.054565	10
f	$\frac{3.5}{2.4}$	5.0	A10		0.856889	0.054505 0.060695	10
f	$\frac{2.4}{3.5}$	10.0	A10		0.855861	0.061286	10
f	3.5	10.0	A4		0.855676	0.051250 0.050957	10
f	3.5	10.0	A7		0.855167	0.053575	10
f	3.5	10.0	A6		0.855111	0.053476	10
f	3.5	10.0	A5		0.852852	0.054548	10
f	2.4	10.0	A3		0.852093	0.049383	10
f	3.5	5.0	A2		0.851704	0.048327	10
f	3.5	2.0	A4		0.851648	0.044858	10
f	3.5	2.0	A9		0.851426	0.071033	10
f	2.4	10.0	A9		0.850620	0.056217	10
f	3.5	2.0	A1		0.849833	0.054434	10
f	2.4	2.0	A4		0.849417	0.058071	10
f	3.5	2.0	A6		0.848769	0.063716	10
f	2.4	10.0	A1		0.847935	0.048678	10
f	3.5	10.0	A1		0.847787	0.054942	10
f	2.4	2.0	A3		0.847500	0.073788	10
f	3.5	2.0	A7		0.845500	0.057805	10
f	2.4	2.0	A8	0.1	0.845130	0.066818	10
f	3.5	10.0	A2	0.1	0.845028	0.060074	10
f	2.4	5.0	A1		0.844046	0.045973	10
f	2.4	2.0	A9		0.843454	0.038644	10
f	2.4	5.0	A3		0.843306	0.066744	10
f f	$\frac{2.4}{2.4}$	5.0	A4		0.843083	0.049340	10
f	$\frac{2.4}{3.5}$	10.0 5.0	A8 A4		0.842611 0.841250	0.052504 0.047960	10 10
f	$\frac{3.5}{2.4}$	$\frac{3.0}{2.0}$	A7		0.841230	0.047900 0.054794	10
f	$\frac{2.4}{3.5}$	$\frac{2.0}{5.0}$	A7		0.840426	0.034734 0.070258	10
f	3.5	5.0	A6		0.840398	0.060095	10
f	3.5	5.0	A3		0.840389	0.057667	10
f	3.5	2.0	A2		0.839509	0.056964	10
f	2.4	5.0	A9		0.838944	0.057404	10
f	2.4	2.0	A2		0.838583	0.056104	10
f	3.5	10.0	A8		0.837787	0.062158	10
f	2.4	2.0	A1		0.837000	0.066440	10
f	3.5	2.0	A10		0.835648	0.034731	10
f	2.4	5.0	A6		0.834546	0.048151	10
f	3.5	2.0	A3		0.834037	0.049634	10
f	2.4	2.0	A10		0.831611	0.080187	10
f	2.4	5.0	A2		0.831602	0.074905	10
f	2.4	10.0	A7		0.830907	0.082370	10
	2.4	!	1		l .		10
		!	1		l .		10
		!	1				10
		l					10
							10
							10
		10.0	A3				10 10
f f f f f f m		10.0 2.0 5.0 2.0 10.0 5.0 10.0	A5 A6 A5 A5 A2 A8 A3		0.830343 0.828009 0.827167 0.822139 0.821269 0.817509 0.816176 0.722667	0.060652 0.064023 0.062372 0.064582 0.063597 0.047109 0.047726 0.054156	

Algorithm	k	r	aggregation	Level of missing values	auc	stddev	Cross validation
m	3.5				0.717556	0.067285	10
f	3.5	10.0	A8		0.870083	0.069958	10
f	3.5	10.0	A10		0.867954	0.039256	10
f	2.4	10.0	A6		0.859611	0.059443	10
f	3.5	5.0	A1		0.856352	0.035102	10
f	2.4	10.0	A10		0.851296	0.057141	10
f	2.4	2.0	A9		0.850130	0.074799	10
f	2.4	5.0	A1		0.848954	0.061651	10
f	2.4	10.0	A4		0.848185	0.056743	10
f	3.5	5.0	A3		0.846324	0.054592	10
f f	3.5	5.0	A7		0.845611	0.035092	10
f	2.4 3.5	$10.0 \\ 10.0$	A5 A2		0.845222 0.843778	0.044191 0.052815	10 10
f	3.5	10.0	A2 A6		0.843648	0.052815 0.067881	10
f	$\frac{3.3}{2.4}$	5.0	A6		0.841056	0.067831	10
f	3.5	5.0	A6		0.839870	0.009873	10
f	3.5	2.0	A9		0.838333	0.053329	10
f	3.5	10.0	A1		0.837000	0.063059	10
f	3.5	5.0	A2		0.835796	0.059793	10
f	3.5	5.0	A5		0.835380	0.071046	10
f	2.4	10.0	A8		0.835148	0.044327	10
f	3.5	2.0	A3		0.834694	0.071360	10
f	2.4	5.0	A7		0.833269	0.058224	10
f	3.5	2.0	A10		0.832917	0.050688	10
f	2.4	5.0	A3		0.832824	0.045288	10
\mathbf{f}	3.5	5.0	A10		0.830926	0.054968	10
f	3.5	10.0	A3		0.830843	0.075943	10
\mathbf{f}	2.4	5.0	A10		0.830111	0.070805	10
\mathbf{f}	3.5	2.0	A7		0.829741	0.060085	10
\mathbf{f}	3.5	10.0	A5		0.829546	0.056444	10
f	3.5	10.0	A4		0.829444	0.061451	10
f	2.4	10.0	A2		0.828852	0.077915	10
f	3.5	2.0	A4		0.828139	0.054098	10
f	2.4	5.0	A8		0.827157	0.071655	10
f	3.5	5.0	A9		0.826343	0.058025	10
f	2.4	10.0	A9		0.826167	0.061363	10
f	3.5	2.0	A1		0.826093	0.066355	10
f	3.5	2.0	A5		0.824074	0.074461	10
f	3.5	2.0	A2		0.823944	0.059709	10
f	2.4	2.0	A2		0.823380	0.064612	10
$_{ m f}^{ m f}$	2.4	5.0	A2	0.2	0.823120	0.053188	10
f	2.4	5.0	A4	0.2	0.822491	0.092450	10
f	2.4 2.4	$\frac{2.0}{2.0}$	A8 A3		$\begin{array}{c c} 0.821741 \\ 0.821722 \end{array}$	0.082041 0.066476	10 10
f	2.4	5.0	A5		0.821722	0.000470 0.075915	10
f	3.5	5.0	AS A8		0.819300	0.073913	10
f	$\frac{3.3}{2.4}$	10.0	A1		0.817306	0.030301	10
f	2.4	2.0	A7		0.813546	0.025892	10
f	2.4	10.0	A7		0.813241	0.051913	10
f	3.5	10.0	A9		0.810861	0.069581	10
f	3.5	2.0	A6		0.806694	0.059715	10
\mathbf{f}	2.4	2.0	A10		0.806269	0.048154	10
f	3.5	10.0	A7		0.804519	0.026523	10
f	2.4	2.0	A5		0.803093	0.059628	10
f	2.4	10.0	A3		0.798454	0.069334	10
f	2.4	5.0	A9		0.796852	0.074619	10
f	3.5	2.0	A8		0.791194	0.061234	10
f	2.4	2.0	A1		0.789806	0.091690	10
f	2.4	2.0	A4		0.784787	0.033516	10
f	3.5	5.0	A4		0.783972	0.076489	10
f	2.4	2.0	A6		0.765306	0.070026	10
\mathbf{m}	3.5				0.693102	0.074332	10

Algorithm	k	r	aggregation	Level of missing values	auc	stddev	Cross validation
m	2.4				0.631806	0.057979	10
f	3.5	10.0	A5		0.841546	0.041138	10
f	3.5	10.0	A8		0.840694	0.042645	10
f	2.4	5.0	A5		0.832806	0.068222	10
f	2.4	5.0	A2		0.832250	0.061940	10
f f	3.5 3.5	2.0	A10 A9		0.831009	0.032426	10
f	3.5	$\frac{2.0}{5.0}$	A9 A6		0.830694 0.829917	0.060297 0.058658	10 10
f	3.5	10.0	A0 A1		0.829917 0.829722	0.038038 0.067083	10
f	$\frac{3.5}{2.4}$	5.0	A1		0.829361	0.067083 0.082917	10
f	$\frac{2.4}{3.5}$	10.0	A10		0.828972	0.032917 0.046666	10
f	$\frac{3.5}{2.4}$	5.0	A6		0.828963	0.046000 0.034625	10
f	3.5	10.0	A9		0.827824	0.034026 0.047916	10
f	3.5	10.0	A6		0.820435	0.052587	10
f	2.4	10.0	A1		0.819750	0.059229	10
f	3.5	10.0	A2		0.819398	0.088209	10
f	3.5	2.0	A2		0.815389	0.071881	10
f	2.4	10.0	A2		0.814407	0.059750	10
f	2.4	10.0	A4		0.812306	0.039050	10
f	2.4	2.0	A5		0.811565	0.078830	10
\mathbf{f}	2.4	2.0	A9		0.806509	0.070129	10
f	2.4	2.0	A2		0.805037	0.054789	10
f	3.5	5.0	A9		0.804213	0.070501	10
f	3.5	5.0	A3		0.803407	0.070964	10
f	2.4	5.0	A8		0.802380	0.077429	10
f	3.5	5.0	A7		0.799898	0.044059	10
f	3.5	2.0	A3		0.799769	0.062660	10
f	3.5	5.0	A1		0.799750	0.089303	10
f	3.5	2.0	A6		0.798398	0.048656	10
f	2.4	10.0	A9		0.798000	0.062539	10
f	2.4	5.0	A7		0.796778	0.072586	10
f	2.4	10.0	A7		0.796037	0.053347	10
$_{ m f}$	2.4 3.5	$5.0 \\ 2.0$	A9	0.3	0.795870	0.069222	10
			A8	0.5	0.794500	0.048951	10
f f	$\frac{3.5}{3.5}$	$5.0 \\ 2.0$	A10 A4		0.793963 0.793398	0.045243 0.082843	10 10
f	$\frac{3.5}{2.4}$	$\frac{2.0}{10.0}$	A3		0.793398	0.062643 0.064636	10
f	$\frac{2.4}{2.4}$	10.0	A6		0.793111	0.004030 0.072082	10
f	3.5	10.0	A7		0.790361	0.072002	10
f	3.5	2.0	A1		0.789991	0.046164	10
f	3.5	10.0	A4		0.789056	0.051499	10
f	3.5	10.0	A3		0.784389	0.050956	10
f	3.5	5.0	A4		0.783657	0.097467	10
f	2.4	2.0	A6		0.780120	0.093628	10
f	3.5	2.0	A7		0.779370	0.093832	10
f	2.4	2.0	A7		0.779093	0.079906	10
f	2.4	10.0	A10		0.775759	0.093882	10
f	3.5	5.0	A8		0.773426	0.077863	10
f	2.4	10.0	A5		0.771444	0.070084	10
f	3.5	2.0	A5		0.770222	0.053426	10
f	3.5	5.0	A2		0.768565	0.077414	10
f	2.4	2.0	A3		0.767963	0.060335	10
f	3.5	5.0	A5		0.763370	0.048724	10
f	2.4	5.0	A4		0.762620	0.068761	10
f	2.4	5.0	A10		0.758324	0.063070	10
f	2.4	2.0	A1		0.757861	3647	10
f	2.4	2.0	A8		0.752361	0.095111	10
f	2.4	5.0	A3		0.751537	0.071914	10
f f	$2.4 \\ 2.4$	$10.0 \\ 2.0$	A8 A4		$\begin{vmatrix} 0.743481 \\ 0.737148 \end{vmatrix}$	0.064756 0.073358	10
f	$\frac{2.4}{2.4}$	$\frac{2.0}{2.0}$	A4 A10		$0.737148 \\ 0.719185$	0.073358 0.080585	10 10
T	$\frac{2.4}{3.5}$	4.0	1 710	I	0.119100	0.000000	10

Algorithm	k	r	aggregation	Level of missing values	auc	stddev	Cross validation
m	2.4				0.622398	0.054041	10
f	2.4	10.0	A1		0.806731	0.061843	10
\mathbf{f}	3.5	5.0	A7		0.794611	0.051768	10
f	2.4	10.0	A10		0.790852	0.038476	10
f	2.4	5.0	A7		0.790176	0.057232	10
f	3.5	10.0	A8		0.789602	0.044446	10
f	3.5	5.0	A3		0.785667	0.083218	10
f	2.4	5.0	A10		0.784657	0.039418	10
f	3.5	5.0	A8		0.784583	0.059062	10
$^{\rm f}_{\rm f}$	2.4 2.4	10.0	A7		0.784046	0.048195	10
f	$\frac{2.4}{3.5}$	$\frac{2.0}{10.0}$	A10 A10		0.777472 0.777065	0.052261 0.087447	10 10
f	3.5	10.0	A10 A3		0.777037	0.087447	10
f	$\frac{3.3}{2.4}$	2.0	AS A8		0.773306	0.048728	10
f	2.4	5.0	A5		0.7759222	0.062478	10
f	2.4	2.0	A1		0.758574	0.082810	10
f	2.4	5.0	A9		0.757556	0.002010	10
f	2.4	10.0	A4		0.755704	0.051842	10
f	3.5	10.0	A4		0.754176	0.094800	10
f	3.5	10.0	A1		0.751787	0.077428	10
f	3.5	5.0	A4		0.751102	0.079163	10
\mathbf{f}	2.4	5.0	A3		0.750028	0.082129	10
f	2.4	5.0	A6		0.749889	0.057969	10
f	3.5	5.0	A2		0.748444	0.043486	10
\mathbf{f}	2.4	2.0	A2		0.746870	0.084976	10
f	2.4	10.0	A2	0.4	0.746685	0.073378	10
f	3.5	2.0	A3		0.744481	0.047651	10
f	2.4	2.0	A6		0.741796	0.044800	10
f	2.4	10.0	A5		0.741667	0.057366	10
f	2.4	5.0	A2		0.740648	0.068827	10
f	3.5	2.0	A4		0.737241	0.078185	10
f	2.4	10.0	A9		0.733991	0.062160	10
f	2.4	10.0	A8		0.733407	0.065204	10
f	3.5	2.0	A2		0.732463	0.061542	10
f	3.5	10.0	A5		0.732426	0.076199	10
f f	2.4	2.0	A4		0.731333	3019	10
f	2.4 2.4	$5.0 \\ 2.0$	A8 A7		$\begin{array}{c c} 0.726926 \\ 0.726139 \end{array}$	0.093041 0.071655	10 10
f	$\frac{2.4}{3.5}$	$\frac{2.0}{2.0}$	A10		0.725139 0.725944	0.071055 0.042158	10
f	$\frac{3.3}{2.4}$	$\frac{2.0}{2.0}$	A10 A9		0.723944 0.724269	0.042158 0.060456	10
f	3.5	$\frac{2.0}{2.0}$	A8		0.724209	0.000430	10
f	$\frac{0.0}{2.4}$	$\frac{2.0}{10.0}$	A6		0.721713	0.092319	10
f	2.4	10.0	A3		0.721417	0.089629	10
f	3.5	10.0	A9		0.720889	0.085391	10
f	3.5	10.0	A6		0.718824	0.068843	10
f	3.5	5.0	A1		0.717787	0.096598	10
\mathbf{f}	3.5	10.0	A2		0.717352	0.072367	10
f	3.5	5.0	A6		0.713148	0.069129	10
f	3.5	2.0	A6		0.697306	0.052582	10
f	3.5	5.0	A5		0.694167	7350	10
f	3.5	2.0	A9		0.693222	0.068975	10
f	3.5	2.0	A5		0.692083	0.058930	10
f	2.4	2.0	A5		0.688167	0.071806	10
\mathbf{f}	3.5	5.0	A9		0.687009	0.053264	10
f	3.5	5.0	A10		0.685611	0.061251	10
\mathbf{f}	2.4	5.0	A1		0.683417	0.075933	10
f	2.4	5.0	A4		0.681824	0.052472	10
f	2.4	2.0	A3		0.678380	0.083774	10
f	3.5	2.0	A1		0.665926	0.037434	10
f	3.5	2.0	A7		0.662750	0.068092	10
f	3.5	10.0	A7		0.658481	0.064300	10
$^{\mathrm{m}}$	3.5				0.567750	0.081838	10

k	r	aggregation	Level of missing values	auc	stddev	Cross validation
2.4				0.558639	0.068726	10
2.4	10.0	A4		0.770194	0.073693	10
2.4	10.0	A6		0.736500	0.060822	10
2.4	10.0	A5		0.730370	0.055470	10
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2.4	5.0	A1	0.5	0.640954	0.088017	10
2.4	5.0	A4		0.640185	0.049055	10
2.4	2.0	A3		0.627963	0.052182	10
2.4	2.0	A2		0.627870	0.056147	10
3.5	5.0	A3		0.622694	0.077922	10
3.5	10.0	A3		0.621111	0.112621	10
	10.0	A10		0.621093	0.066331	10
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	2.4 2.4 2.4 2.4 3.5 3.5 3.5 3.5 3.5 3.5 3.5 2.4 3.5 2.4 3.5 2.4 3.5 2.4 3.5 2.4 3.5 2.4 3.5 2.4 3.5 2.4 3.5 2.4 3.5 2.4 3.5 2.4 2.4 3.5 2.4 3.5 2.4 3.5 2.4 3.5 2.4 3.5 2.4 3.5 3.5 2.4 3.5 3.5 3.5 2.4 3.5 2.4 3.5 2.4 3.5 3.5 3.5 3.5 3.5 3.5 3.5 3.5 3.5 3.5 </td <td>2.4 10.0 2.4 10.0 2.4 10.0 3.5 10.0 3.5 2.0 3.5 10.0 3.5 2.0 3.5 2.0 3.5 2.0 3.5 2.0 3.5 2.0 3.5 2.0 2.4 2.0 2.4 5.0 3.5 10.0 2.4 5.0 3.5 10.0 2.4 5.0 3.5 5.0 3.5 10.0 2.4 5.0 3.5 10.0 3.5 5.0 2.4 10.0 3.5 5.0 2.4 10.0 3.5 5.0 2.4 5.0 2.4 5.0 2.4 5.0 2.4 5.0 2.4 5.0 2.4 5.0 <td< td=""><td> 2.4 10.0 A4 2.4 10.0 A5 3.5 10.0 A8 3.5 2.0 A8 3.5 2.0 A1 3.5 2.0 A1 3.5 2.0 A1 3.5 5.0 A2 2.4 2.0 A1 3.5 5.0 A10 3.5 5.0 A10 3.5 5.0 A6 3.5 10.0 A6 2.4 5.0 A7 3.5 5.0 A6 3.5 10.0 A7 2.4 10.0 A1 3.5 2.0 A5 2.4 2.0 A10 2.4 10.0 A2 3.5 10.0 A4 3.5 5.0 A5 2.4 2.0 A10 2.4 10.0 A2 3.5 5.0 A3 3.5 5.0 A1 2.4 5.0 A2 3.5 5.0 A3 3.5 10.0 A3 3.5 10.0 A10 2.4 2.0 A2 3.5 5.0 A3 3.5 10.0 A3 3.5 10.0 A3 3.5 10.0 A10 2.4 2.0 A4 2.4 2.0 A4 2.4 2.0 A4 2.4 2.0 A5 2.4 2.0 A6 2.4 2.0 A6 2.4 2.0 A7 3.5 2.0 A6 2.4 2.0 A7 3.5 2.0 A6 2.4 2.0 A9 2.4 10.0 A7 3.5 2.0 A6 2.4 2.0 A9 2.4 10.0 A7 3.5 2.0 A6 2.4 2.0 A9 2.4 10.0 A7 3.5 2.0 A6 2.4 2.0 A9 2.4 10.0 A7 3.5 2.0 A6 2.4 2.0 A9 2.4 10.0 A7 3.5 2.0 A6 2.4 2.0 A9 2.4 10.0 A7 3.5 2.0 A6 2.4 2.0 A6 2.4 2.0 A6 2.4 2.0 A7 3.5 2.0 A6 2.4 2.0 A7 3.5 2.0 A6 2.4 2.0 A9 2.4 10.0 A7 3.5 2.0 A6 2.4 2.0 A7 3.5 2.0 A6 2.4 2.0 A9 2.4 10.0 A7 3.5 2.0 A7 3.5 2.0</td><td> C.4 C.4 C.5 C.5</td><td> Color</td><td> 2.4</td></td<></td>	2.4 10.0 2.4 10.0 2.4 10.0 3.5 10.0 3.5 2.0 3.5 10.0 3.5 2.0 3.5 2.0 3.5 2.0 3.5 2.0 3.5 2.0 3.5 2.0 2.4 2.0 2.4 5.0 3.5 10.0 2.4 5.0 3.5 10.0 2.4 5.0 3.5 5.0 3.5 10.0 2.4 5.0 3.5 10.0 3.5 5.0 2.4 10.0 3.5 5.0 2.4 10.0 3.5 5.0 2.4 5.0 2.4 5.0 2.4 5.0 2.4 5.0 2.4 5.0 2.4 5.0 <td< td=""><td> 2.4 10.0 A4 2.4 10.0 A5 3.5 10.0 A8 3.5 2.0 A8 3.5 2.0 A1 3.5 2.0 A1 3.5 2.0 A1 3.5 5.0 A2 2.4 2.0 A1 3.5 5.0 A10 3.5 5.0 A10 3.5 5.0 A6 3.5 10.0 A6 2.4 5.0 A7 3.5 5.0 A6 3.5 10.0 A7 2.4 10.0 A1 3.5 2.0 A5 2.4 2.0 A10 2.4 10.0 A2 3.5 10.0 A4 3.5 5.0 A5 2.4 2.0 A10 2.4 10.0 A2 3.5 5.0 A3 3.5 5.0 A1 2.4 5.0 A2 3.5 5.0 A3 3.5 10.0 A3 3.5 10.0 A10 2.4 2.0 A2 3.5 5.0 A3 3.5 10.0 A3 3.5 10.0 A3 3.5 10.0 A10 2.4 2.0 A4 2.4 2.0 A4 2.4 2.0 A4 2.4 2.0 A5 2.4 2.0 A6 2.4 2.0 A6 2.4 2.0 A7 3.5 2.0 A6 2.4 2.0 A7 3.5 2.0 A6 2.4 2.0 A9 2.4 10.0 A7 3.5 2.0 A6 2.4 2.0 A9 2.4 10.0 A7 3.5 2.0 A6 2.4 2.0 A9 2.4 10.0 A7 3.5 2.0 A6 2.4 2.0 A9 2.4 10.0 A7 3.5 2.0 A6 2.4 2.0 A9 2.4 10.0 A7 3.5 2.0 A6 2.4 2.0 A9 2.4 10.0 A7 3.5 2.0 A6 2.4 2.0 A6 2.4 2.0 A6 2.4 2.0 A7 3.5 2.0 A6 2.4 2.0 A7 3.5 2.0 A6 2.4 2.0 A9 2.4 10.0 A7 3.5 2.0 A6 2.4 2.0 A7 3.5 2.0 A6 2.4 2.0 A9 2.4 10.0 A7 3.5 2.0 A7 3.5 2.0</td><td> C.4 C.4 C.5 C.5</td><td> Color</td><td> 2.4</td></td<>	2.4 10.0 A4 2.4 10.0 A5 3.5 10.0 A8 3.5 2.0 A8 3.5 2.0 A1 3.5 2.0 A1 3.5 2.0 A1 3.5 5.0 A2 2.4 2.0 A1 3.5 5.0 A10 3.5 5.0 A10 3.5 5.0 A6 3.5 10.0 A6 2.4 5.0 A7 3.5 5.0 A6 3.5 10.0 A7 2.4 10.0 A1 3.5 2.0 A5 2.4 2.0 A10 2.4 10.0 A2 3.5 10.0 A4 3.5 5.0 A5 2.4 2.0 A10 2.4 10.0 A2 3.5 5.0 A3 3.5 5.0 A1 2.4 5.0 A2 3.5 5.0 A3 3.5 10.0 A3 3.5 10.0 A10 2.4 2.0 A2 3.5 5.0 A3 3.5 10.0 A3 3.5 10.0 A3 3.5 10.0 A10 2.4 2.0 A4 2.4 2.0 A4 2.4 2.0 A4 2.4 2.0 A5 2.4 2.0 A6 2.4 2.0 A6 2.4 2.0 A7 3.5 2.0 A6 2.4 2.0 A7 3.5 2.0 A6 2.4 2.0 A9 2.4 10.0 A7 3.5 2.0 A6 2.4 2.0 A9 2.4 10.0 A7 3.5 2.0 A6 2.4 2.0 A9 2.4 10.0 A7 3.5 2.0 A6 2.4 2.0 A9 2.4 10.0 A7 3.5 2.0 A6 2.4 2.0 A9 2.4 10.0 A7 3.5 2.0 A6 2.4 2.0 A9 2.4 10.0 A7 3.5 2.0 A6 2.4 2.0 A6 2.4 2.0 A6 2.4 2.0 A7 3.5 2.0 A6 2.4 2.0 A7 3.5 2.0 A6 2.4 2.0 A9 2.4 10.0 A7 3.5 2.0 A6 2.4 2.0 A7 3.5 2.0 A6 2.4 2.0 A9 2.4 10.0 A7 3.5 2.0 A7 3.5 2.0	C.4 C.4 C.5 C.5	Color	2.4

Algorithm	k	r	aggregation	Level of missing values	auc	stddev	Cross validation
f	2.4	5.0	A10		0.513000	0.064293	10