clustering method	purity method	penalization				
		0	0.25	0.5	1	2
single	max	299	88	3	1	1
	threshold	300	300	300	298	1
	entropy	300	97	18	2	1
	gini-simpson	300	299	125	3	1
complete	max	299	103	4	1	1
	threshold	299	299	297	223	1
	entropy	300	300	90	2	1
	gini-simpson	300	300	299	13	1
average	max	290	98	4	1	1
	threshold	298	298	294	294	1
	entropy	300	270	18	2	1
	gini-simpson	300	295	270	2	1
median	max	290	175	3	1	1
	threshold	300	300	300	265	1
	entropy	300	175	3	2	1
	gini-simpson	300	290	175	3	1
ward.D	max	296	283	139	1	1
	threshold	292	292	292	262	19
	entropy	298	296	139	48	5
	gini-simpson	298	297	296	139	46
ward.D2	max	278	278	7	1	1
	threshold	296	296	296	296	118
	entropy	300	287	164	5	1
	gini-simpson	300	287	287	147	1