

Interpretable MOFS

Data name: hearth (1) ▾

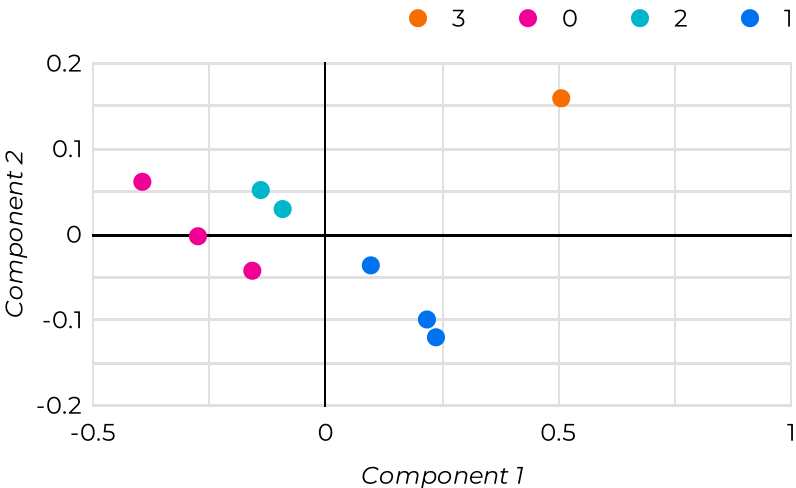
Features

13

Instances

294

K-Means Clustering & PCA



Objective ranks

	Objective ▾	Weight	Rank
1.	V.I.F	0.2244	4
2.	Subset size	0.2390	3
3.	F1 Score	0.2503	2
4.	Balanced ac...	0.2863	1

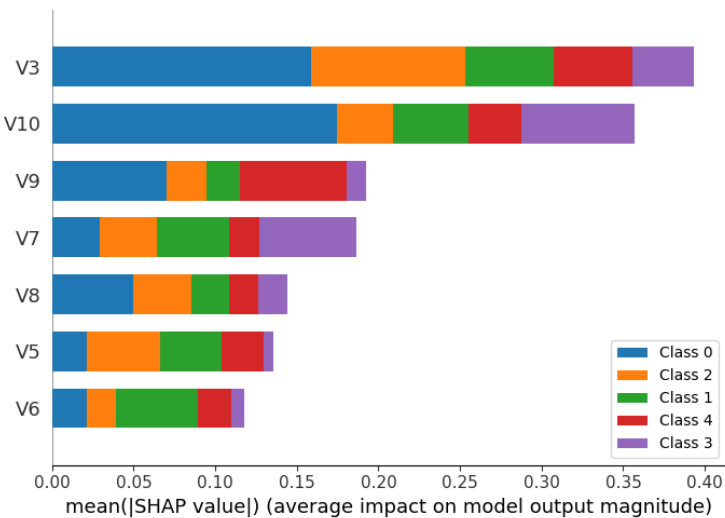
Solutions

	Solution	Size...	Acc...	F1S...	Fea...	Inst...	VIF
1.	V3, V7, V8, ...	5	0.41	0.39	13	294	3.91
2.	V5, V6, V7, ...	5	0.35	0.31	13	294	1.31
3.	V3, V7, V8, ...	4	0.38	0.35	13	294	4.03
4.	V6, V7, V9, ...	4	0.35	0.31	13	294	1.15
5.	V3, V5, V10	3	0.37	0.36	13	294	4.01
6.	V5, V7, V10	3	0.37	0.38	13	294	1.32
7.	V3, V10	2	0.35	0.35	13	294	1.59
8.	V5, V10	2	0.32	0.33	13	294	1.42
9.	V10	1	0.3	0.28	13	294	0

TOPSIS rank of solutions

	Solution	Size	Cluster	Rank...
1.	V10	1	3	1
2.	V5, V10	2	2	2
3.	V3, V10	2	2	3
4.	V5, V7, V10	3	1	4
5.	V6, V7, V9, V10	4	1	5
6.	V5, V6, V7, V9, V10	5	1	6
7.	V3, V5, V10	3	0	7
8.	V3, V7, V8, V9, V10	5	0	8
9.	V3, V7, V8, V9	4	0	9

Feature contribution



Feature frequency

	Feature	Frequency ▾
1.	V10	8
2.	V7	5
3.	V3	4
4.	V5	4
5.	V9	4
6.	V6	2
7.	V8	2