

# 1. HDBSCAN SUMMARY: Scnp1: (Normalised np1 scaled by 2)

HDBSCAN clustering for 10000 objects.

Parameters: minPts = 40

The clustering contains 9 cluster(s) and 2712 noise points.

0	1	2	3	4	5	6	7	8	9
2712	83	171	55	79	60	69	4459	45	2267

Cluster 1

0	1	2	3	4	5	6	7	8	9
0	0	1	0	0	0	0	0	82	0

Cluster 2

0	1	2	3	4	5	6	7	8	9
4	0	1	0	0	0	1	0	164	1

Cluster 3

0	1	2	3	4	5	6	7	8	9
1	5	1	13	4	21	4	3	0	3

Cluster 4

0	1	2	3	4	5	6	7	8	9
0	6	4	18	16	20	1	10	0	4

Cluster 5

0	1	2	3	4	5	6	7	8	9
1	5	2	14	11	16	1	10	0	0

Cluster 6

0	1	2	3	4	5	6	7	8	9
3	8	5	22	5	18	1	6	0	1

Cluster 7

0	1	2	3	4	5	6	7	8	9
39	1084	428	674	686	533	96	854	4	61

Cluster 8

0	1	2	3	4	5	6	7	8	9
10	1	9	3	1	0	3	1	4	13

Cluster 9

0	1	2	3	4	5	6	7	8	9
707	0	236	16	51	8	500	3	184	562

Membership probabilities cluster 7:

Membership probability for 0

Min.	1st Qu.	Median	Mean	3rd Qu.	Max.
0.001993	0.489099	0.840214	0.704072	0.978213	1.000000

Membership probability for 6

Min.	1st Qu.	Median	Mean	3rd Qu.	Max.
0.008917	0.740805	0.986760	0.836332	1.000000	1.000000

Membership probability for 8					
Min.	1st Qu.	Median	Mean	3rd Qu.	Max.
0.9154	0.9776	0.9992	0.9784	1.0000	1.0000

  

Membership probability for 9					
Min.	1st Qu.	Median	Mean	3rd Qu.	Max.
0.01061	0.55299	0.82275	0.73798	0.99087	1.00000

## 2. HDBSCAN SUMMARY: Scnp2: (Normalised np2 scaled by 3.25)

HDBSCAN clustering for 10000 objects.  
Parameters: minPts = 35  
The clustering contains 18 cluster(s) and 3552 noise points.

0	1	2	3	4	5	6	7	8	9	10	11
3552	113	41	103	63	528	77	40	84	79	103	42

  

12	13	14	15	16	17	18
123	103	56	48	37	84	4724

Cluster 0

0	1	2	3	4	5	6	7	8	9
507	37	385	201	185	251	623	104	632	627

Cluster 1

0	1	2	3	4	5	6	7	8	9
0	0	0	1	0	0	0	0	111	1

Cluster 2

0	1	2	3	4	5	6	7	8	9
4	0	0	0	0	0	0	0	37	0

Cluster 3

0	1	2	3	4	5	6	7	8	9
5	0	0	0	2	0	3	0	93	0

Cluster 4

0	1	2	3	4	5	6	7	8	9
32	0	6	0	1	0	15	0	5	4

Cluster 5

0	1	2	3	4	5	6	7	8	9
249	0	38	1	10	3	98	0	34	95

Cluster 6

0	1	2	3	4	5	6	7	8	9
46	0	2	0	1	0	14	0	3	11

Cluster 7

0	1	2	3	4	5	6	7	8	9
7	0	5	0	1	1	12	0	4	10

Cluster 8

0	1	2	3	4	5	6	7	8	9
20	0	12	0	0	1	25	0	8	18

Cluster 9										
0	1	2	3	4	5	6	7	8	9	
13	0	10	2	3	0	23	0	8	20	
Cluster 10										
0	1	2	3	4	5	6	7	8	9	
24	0	11	0	1	1	20	0	17	29	
Cluster 11										
0	1	2	3	4	5	6	7	8	9	
16	0	6	0	0	0	8	0	3	9	
Cluster 12										
0	1	2	3	4	5	6	7	8	9	
37	0	8	2	1	0	28	0	11	36	
Cluster 13										
0	1	2	3	4	5	6	7	8	9	
26	0	14	3	2	1	23	2	7	25	
Cluster 14										
0	1	2	3	4	5	6	7	8	9	
8	0	7	7	3	4	8	3	2	14	
Cluster 15										
0	1	2	3	4	5	6	7	8	9	
0	3	3	7	6	17	2	8	0	2	
Cluster 16										
0	1	2	3	4	5	6	7	8	9	
4	1	5	12	0	3	4	2	1	5	
Cluster 17										
0	1	2	3	4	5	6	7	8	9	
0	5	10	13	15	19	4	16	0	2	
Cluster 18										
0	1	2	3	4	5	6	7	8	9	
36	1113	472	752	730	565	82	908	5	61	

Membership probability: Cluster 18

Membership probability for 0					
Min.	1st Qu.	Median	Mean	3rd Qu.	Max.
0.1749	0.7193	0.9590	0.8277	0.9951	1.0000
Membership probability for 6					
Min.	1st Qu.	Median	Mean	3rd Qu.	Max.
0.007342	0.832191	0.999814	0.848753	1.000000	1.000000
Membership probability for 8					
Min.	1st Qu.	Median	Mean	3rd Qu.	Max.
0.8441	0.9459	0.9939	0.9565	0.9984	0.9999
Membership probability for 9					
Min.	1st Qu.	Median	Mean	3rd Qu.	Max.
0.01443	0.64223	0.90071	0.73668	0.99533	1.00000

