Geometric SMOTENC
A geometrically enhanced drop-in replacement for SMOTENC

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This is an abstract.

1 Introduction

This is text [1].

References

[1] N. V. Chawla, K. W. Bowyer, L. O. Hall, and W. P. Kegelmeyer, "SMOTE: Synthetic Minority Over-sampling Technique," *Journal of Artificial Intelligence Research*, vol. 16, pp. 321–357, jun 2002.

Dataset	Metric	Non-Metric	Obs.	Min. Obs.	Maj. Obs.	IR	Classes
ABALONE	1	7	4139	15	689	45.93	18
ADULT	8	6	5000	1268	3732	2.94	2
ANNEALING	4	6	790	34	608	17.88	4
CENSUS	24	7	5000	337	4663	13.84	2
CONTRACEPTIVE	4	5	1473	333	629	1.89	3
COVERTYPE	2	10	5000	20	2449	122.45	7
CREDIT APPROVAL	9	6	653	296	357	1.21	2
GERMAN CREDIT	13	7	1000	300	700	2.33	2
HEART DISEASE	5	5	740	22	357	16.23	5
THYROID	22	6	5000	1376	3624	2.63	2

Table 1: Description of the datasets collected after data preprocessing. The sampling strategy is similar across datasets. Legend: (IR) Imbalance Ratio