

[illegible]

Data	IBERT	EL	REPSN	DGMM	RND	ROD
Age	0.14 ± 0.020	0.24 ± 0.01	0.021	0.015	0.011	0.015
Donors	0.016 ± 0.006	0.138 ± 0.007	0.020	0.070 ± 0.024	0.021	0.013
Backdoor	0.045 ± 0.007	0.085 ± 0.004	0.129 ± 0.001	0.023 ± 0.023	0.043 ± 0.015	0.305 ± 0.008
Backdoor	0.363 ± 0.061	0.479 ± 0.019	0.440 ± 0.001	0.023 ± 0.023	0.043 ± 0.015	0.305 ± 0.008
Apical	0.015 ± 0.002	0.023 ± 0.001	0.041 ± 0.001	0.023 ± 0.009	0.021 ± 0.002	0.043 ± 0.003
Bank	0.293 ± 0.023	0.264 ± 0.001	0.276 ± 0.001	0.150 ± 0.020	0.258 ± 0.006	0.364 ± 0.013
Bank	0.060 ± 0.006	0.082 ± 0.001	0.082 ± 0.001	0.023 ± 0.009	0.021 ± 0.002	0.043 ± 0.003
Census	0.071 ± 0.004	0.072 ± 0.004	0.005 ± 0.001	0.001 ± 0.001	0.001 ± 0.001	0.086 ± 0.001
Creditcard	0.145 ± 0.031	0.382 ± 0.004	0.359 ± 0.014	0.010 ± 0.012	0.269 ± 0.017	0.363 ± 0.011
Creditcard	0.379 ± 0.092	0.562 ± 0.003	0.562 ± 0.003	0.010 ± 0.012	0.269 ± 0.017	0.363 ± 0.011
Probes	0.923 ± 0.011	0.964 ± 0.004	0.964 ± 0.000	0.409 ± 0.153	0.609 ± 0.014	0.955 ± 0.002
R8	0.076 ± 0.018	0.097 ± 0.006	0.083 ± 0.000	0.019 ± 0.011	0.134 ± 0.013	0.146 ± 0.017
Secum	0.106 ± 0.007	0.003 ± 0.001	0.001 ± 0.001	0.066 ± 0.006	0.006 ± 0.002	0.096 ± 0.001
Secum	0.180 ± 0.018	0.230 ± 0.001	0.230 ± 0.001	0.025 ± 0.019	0.012 ± 0.001	0.096 ± 0.001

	Decomposition				Supervision	
	R^2	RDP_{L_1}	RDP_{L_2}	RDP_{L_3}	SRR_{S1}	SRR_{S2}
Data	0.842	0.008	0.008	0.008	0.008	0.008
Donors	0.842	0.011	0.842	0.011	0.728	0.005
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Age	0.887	0.003	0.812	0.012	0.708	0.008
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Age	0.887	0.003	0.812	0.012	0.708	0.008
Bank	0.823	0.007	0.823	0.007	0.823	0.007
Bank	0.823	0.007	0.823	0.007	0.823	0.007
Celso	0.860	0.006	0.860	0.006	0.860	0.006
Celso	0.860	0.006	0.860	0.006	0.860	0.006
Creditcard	0.905	0.004	0.905	0.004	0.905	0.004
Creditcard	0.905	0.004	0.905	0.004	0.905	0.004
Creditcard	0.905	0.004	0.905	0.004	0.905	0.004
Probe	0.997	0.000	0.975	0.008	0.998	0.000
Probe	0.997	0.000	0.975	0.008	0.998	0.000
Probe	0.997	0.000	0.975	0.008	0.998	0.000
Secnum	0.876	0.004	0.876	0.004	0.876	0.004
Secnum	0.876	0.004	0.876	0.004	0.876	0.004
Secnum	0.876	0.004	0.876	0.004	0.876	0.004
T2R	0.996	0.001	0.981	0.007	0.998	0.002
T2R	0.996	0.001	0.981	0.007	0.998	0.002
T2R	0.996	0.001	0.981	0.007	0.998	0.002



因此,在19个真实的高维表格数据集上,我们的实例化模型称为RDP,它在两个关键的非监督任务(异常检测和聚类)中,比最先进的竞争方法具有更大的性能。

