

# Weekly Report

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February 1, 2024

# Result

**Table:** Running time of co-clustering methods on Amazon 1000, CLASSIC4, and RCV1-Large datasets.

Dataset	SCC (s)	DeepCC	PNMTF (s)	P-SCC (s)	P-PNMTF (s)
Amazon	64545.2	*	303.7	112.5	242.8
CLASSIC4	*	*	17,810	22,894	3,028
RCV1-Large	*	*	277,092	*	208,048

Notes: \* indicates that the method can't deal with the dataset.

**Table:** NMI and ARI of co-clustering results on Amazon 1000, CLASSIC4, and RCV1-Large datasets.

Dataset	Metric	Comparison Methods				
		SCC	DeepCC	PNMTF	Partitioned SCC	Partitioned PNMTF
Amazon	NMI	0.9223	*	0.6894	0.8650	0.6609
	ARI	0.7713	*	0.6188	0.7763	0.6057
CLASSIC4	NMI	*	*	0.5944	0.7676	0.6073
	ARI	*	*	0.4523	0.5845	0.4469
RCV1-Large	NMI	*	*	0.6519	*	0.6348
	ARI	*	*	0.5383	*	0.5298

Notes: \* indicates that the method can't deal with the dataset.