



# D-ACES Framework Proposal and Analysis

**Application to SynB**

Table 6.2: Application Results of *D-ACES* on Synthetic Dataset B

Metrics(%)	Synthetic Datasets					
	B.1	B.2	B.3	B.4	B.5	B.6
Mean TPR	100	100	98.0	100	69.9	71.3
Mean FDR	0	0.2	0	42.9	13.2	27.9
$\lambda^*$	2	2.5	1.5	2.5	2.2	3

❖ Same explanations (Syn A.1 - A.3)

- Minor decrease

➡ Adding noisy features won't affect D-ACES

❖ Various explanations (Syn A.4 - A.6)

- Obvious but acceptable decrease

➡ Still have certain ability on explanation

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## Application to IMDB (Positive)

