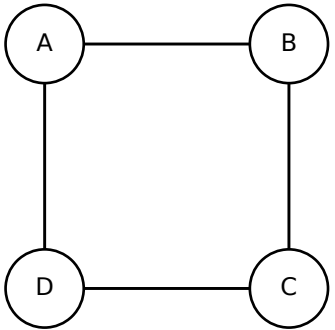
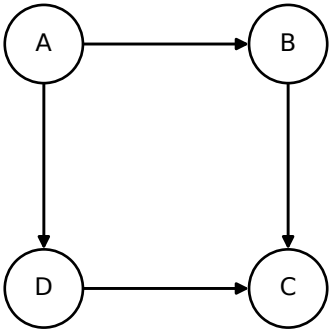
(a) UPGM



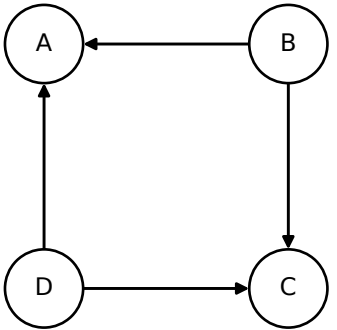
$A \perp C \mid B,D$
$B \perp D \mid A,C$

(b) DAG, wrong



$A \perp C \mid B,D$
$B \perp D \mid A$

(c) DAG, wrong



$A \perp C \mid B,D$
$B \perp D \mid -$