

Maximal cliques: $\{X, Y\}$, $\{Y, Z\}$, $\{Z, W\}$

Global Markov (minimal separators):

$X \perp\!\!\!\perp Z \mid Y$

$X \perp\!\!\!\perp W \mid Y$

$X \perp\!\!\!\perp W \mid Z$

$Y \perp\!\!\!\perp W \mid Z$