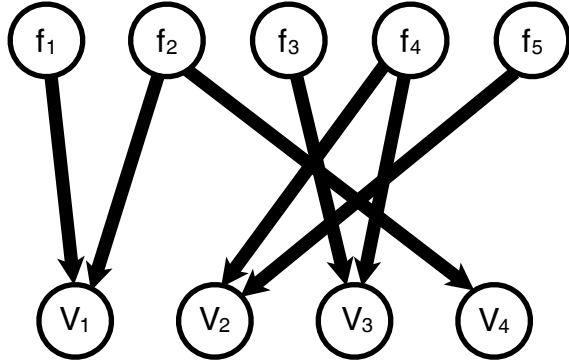
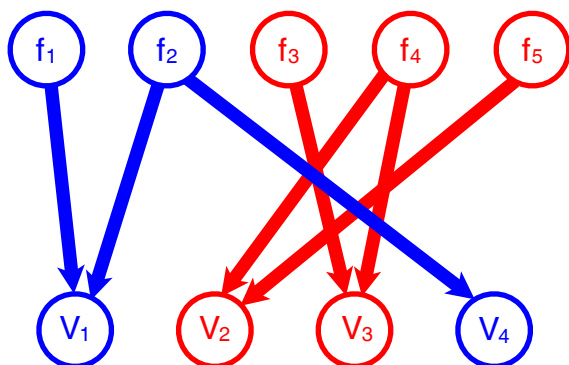




Build
Dependency Graph



Identify Connected
Components

	V ₁	V ₄
f ₁	1	0
f ₂	1	1

	V ₂	V ₃
f ₃	0	1
f ₄	1	1
f ₅	1	0

Define A_c for
each Component c

	V ₁	V ₄
f ₁	1	0
f ₂	1	0

	V ₂	V ₃
f ₃	0	0
f ₄	1	0
f ₅	1	0

Sample from
 $\Pr(M_c|A_c)$ using MCMC
Independently for each c

	V ₁	V ₂	V ₃	V ₄
f ₁	1	0	0	0
f ₂	1	0	0	0
f ₃	0	0	0	0
f ₄	0	1	0	0
f ₅	0	1	0	0

Merge M_c into M with
 $\Pr(M|A) = \prod_c \Pr(M_c|A_c)$