Input parameters (black lines)

model — IK BayesianMS

bias — 0.5

nChains — 5000

betavar — 0

meanChainlen — 13

input joint distr

X1	Y	X2	p
1	1	1	0.09765625
1	1	0	0.05859375
1	0	1	0.0234375
1	0	0	0.0703125
0	1	1	0.1171875
0	1	0	0.0703125
0	0	1	0.140625
0	0	0	0.421875

causal strengths

X1	Y	X2
0	0.5	0
0	0	0.5
0	0	0

baserates 0.25 0.25 0.25

mean sim joint distr

state	X1	Y	X2	p
1	1	1	1	0.15608181
2	1	1	0	0.05964747
3	1	0	1	0.02379530
4	1	0	0	0.06215934
5	0	1	1	0.11707036
6	0	1	0	0.06317057
7	0	0	1	0.11968093
8	0	0	0	0.39839421

Input parameters (black lines)

model — IK BayesianMS

bias — 0.5

nChains — 5000

betavar — 1

meanChainlen — 13

input joint distr

X1	Y	X2	p
1	1	1	0.44240625
1	1	0	0.09384375
1	0	1	0.0739375
1	0	0	0.0398125
0	1	1	0.1876875
0	1	0	0.0398125
0	0	1	0.079625
0	0	0	0.042875

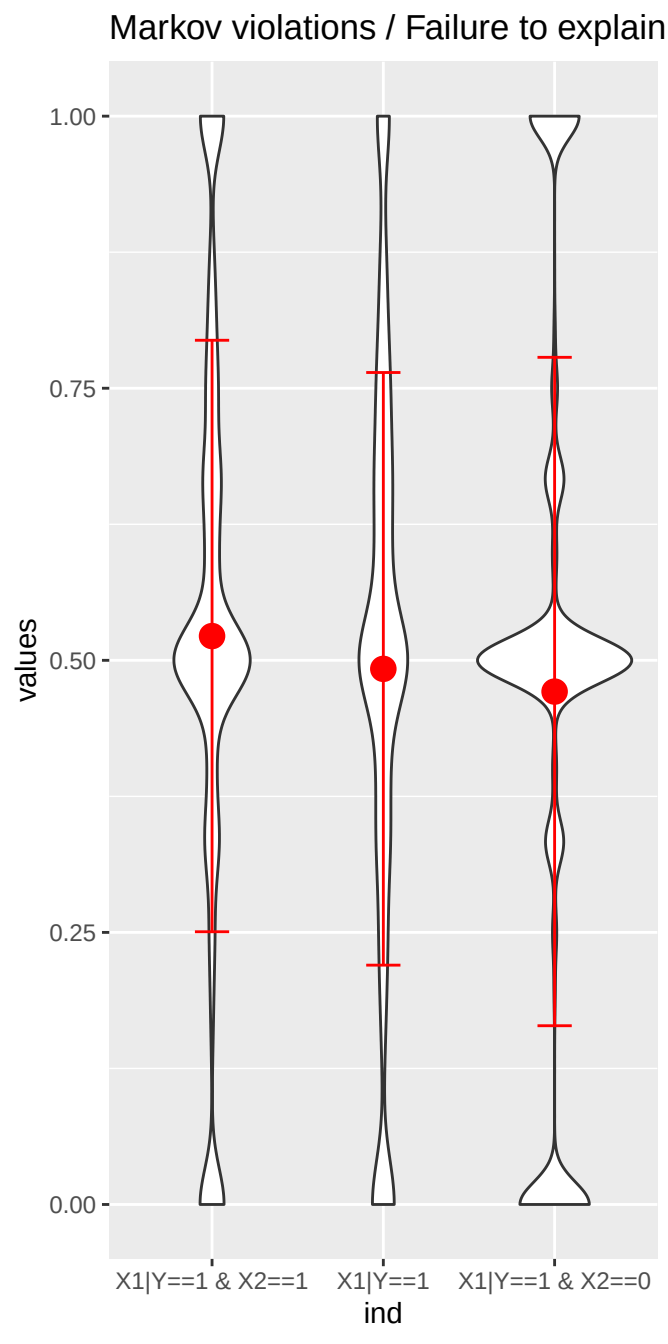
causal strengths

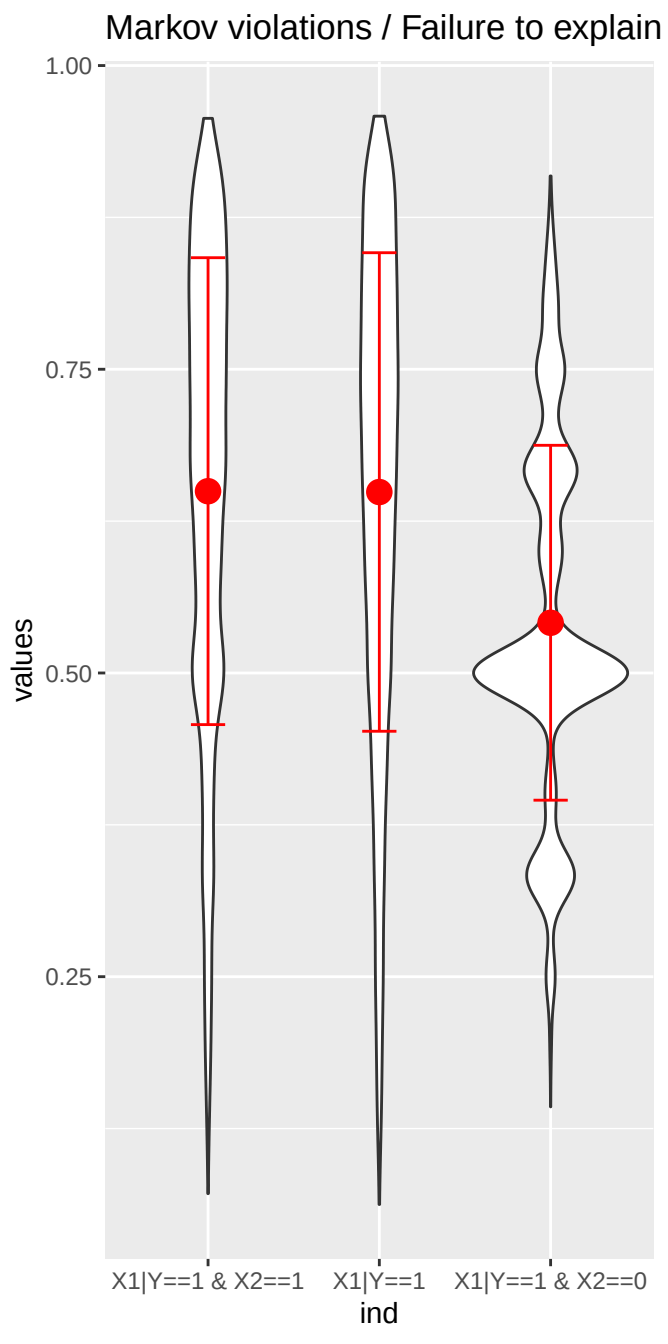
X1	Y	X2
0	0.5	0
0	0	0.5
0	0	0

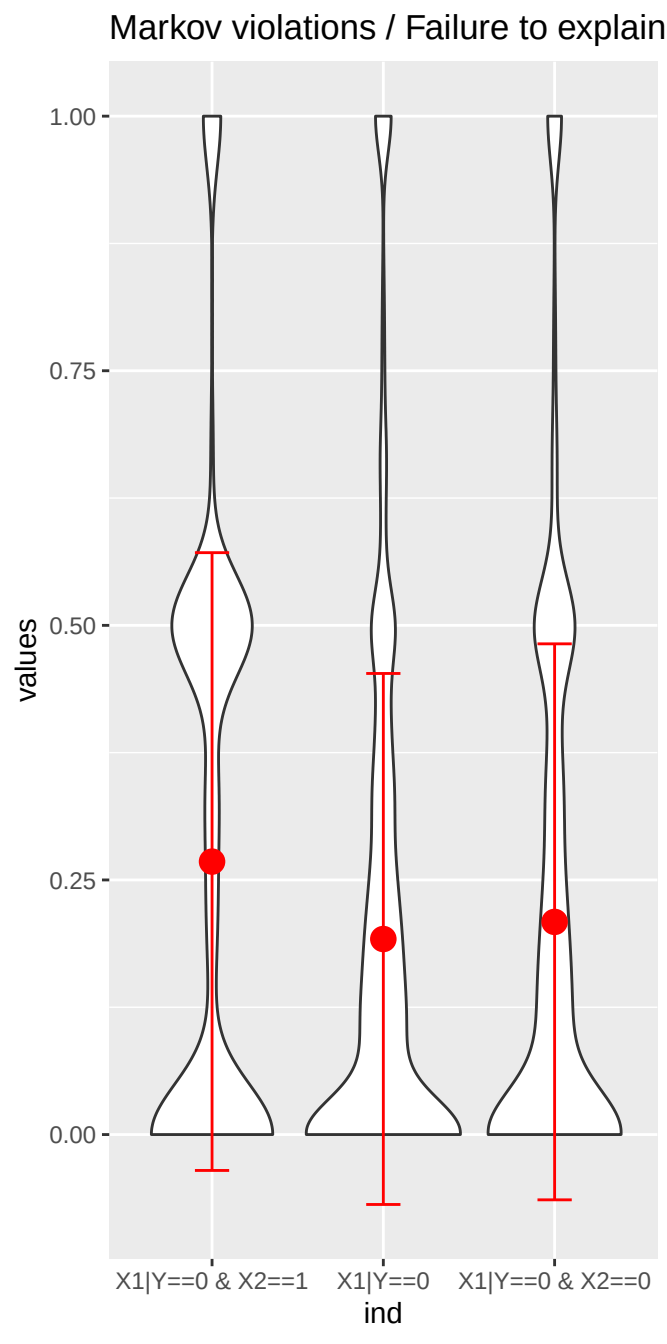
baserates 0.65 0.65 0.65

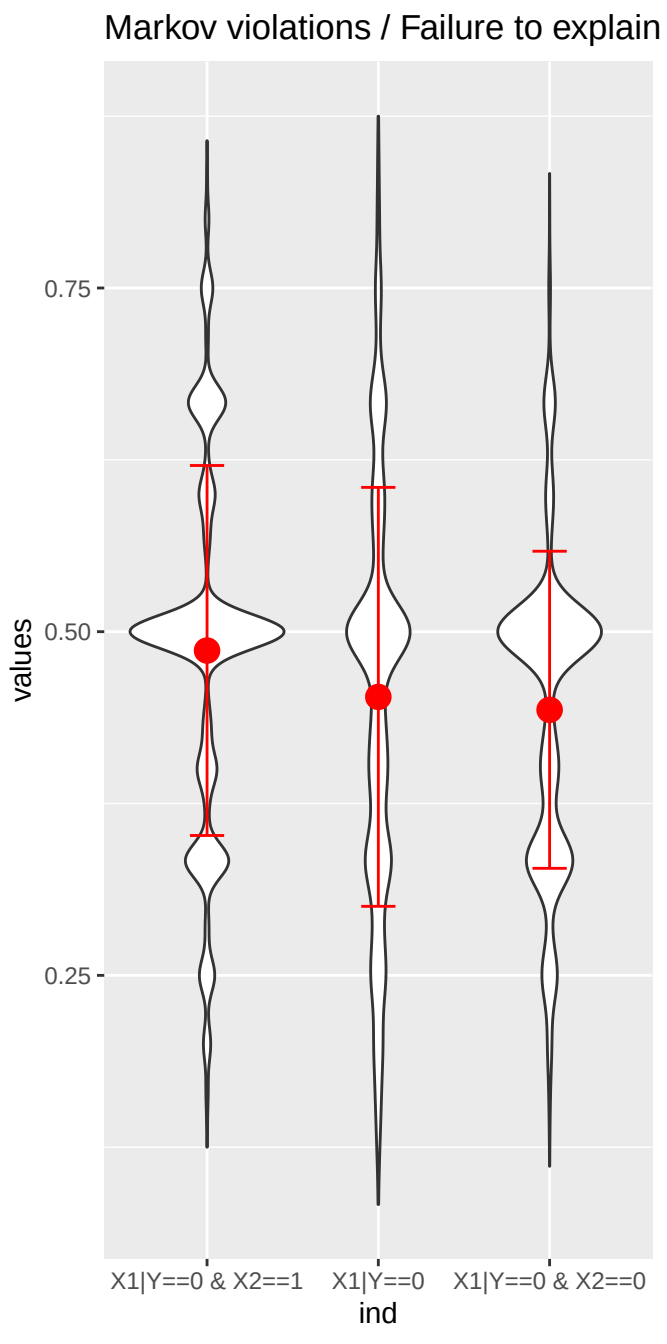
mean sim joint distr

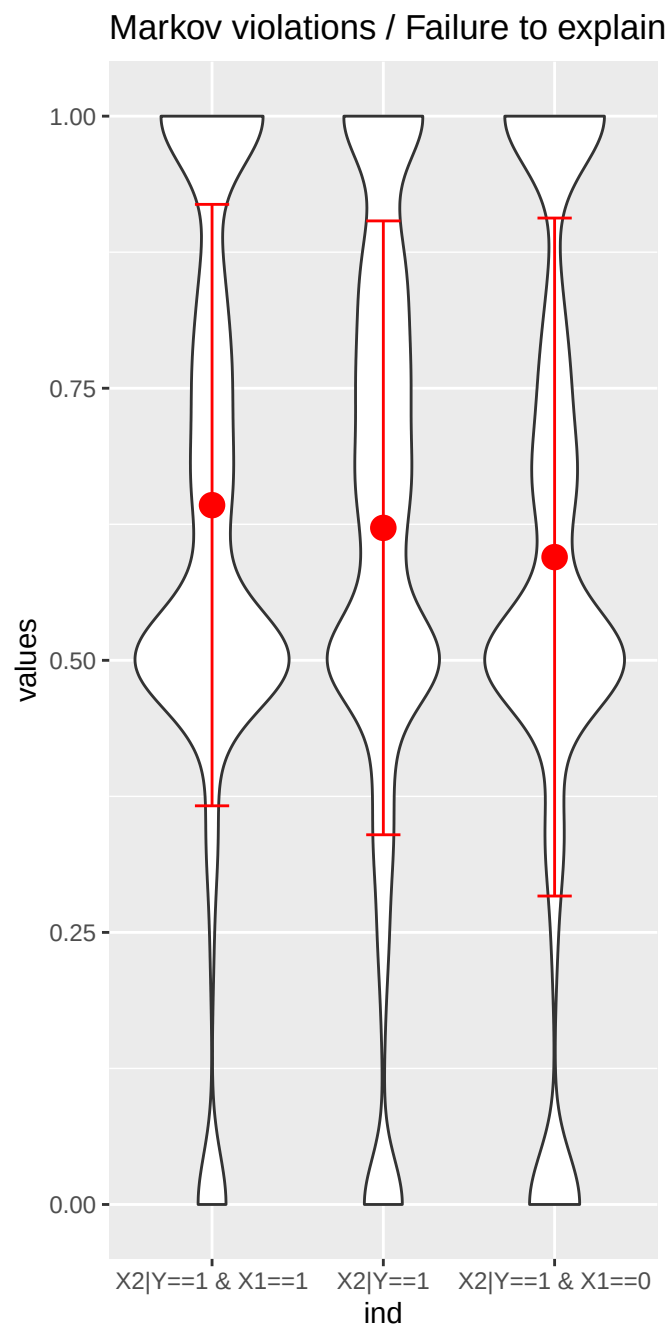
state	X1	Y	X2	p
1	1	1	1	0.41315728
2	1	1	0	0.08892067
3	1	0	1	0.06970256
4	1	0	0	0.04939041
5	0	1	1	0.15455250
6	0	1	0	0.04970154
7	0	0	1	0.08325322
8	0	0	0	0.09132181

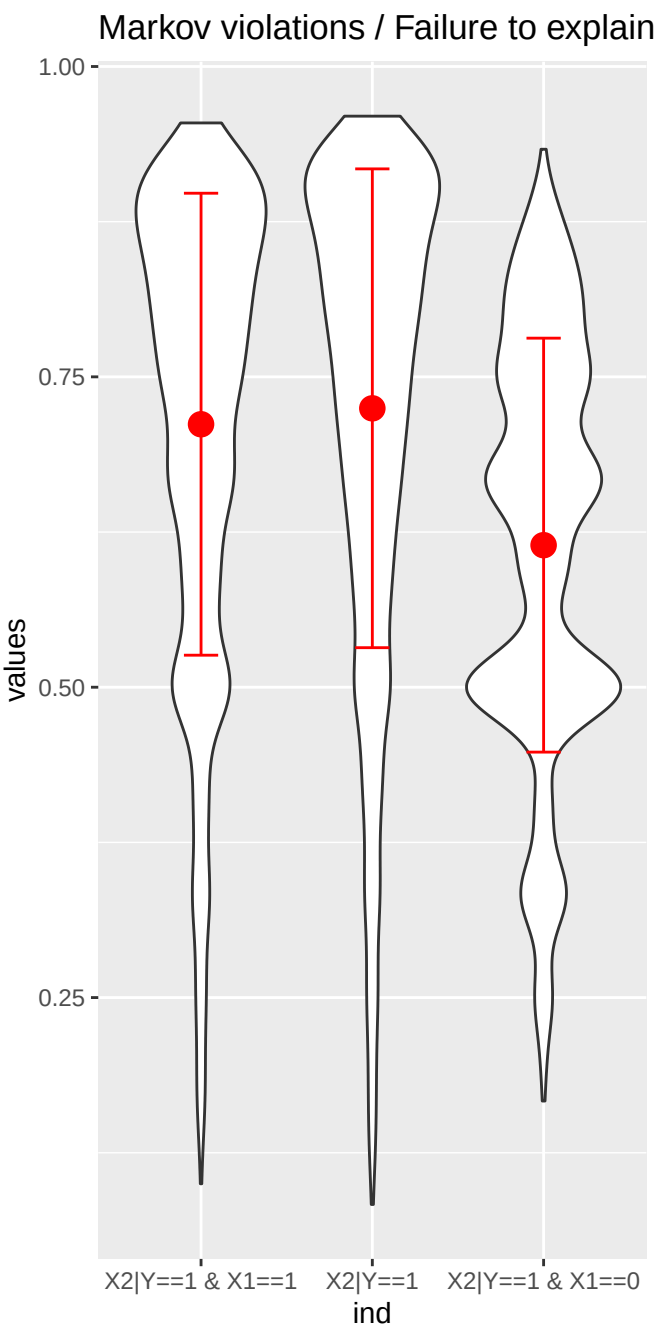

Markov violations / Failure to explain
1.00
0.75
0.50
0.25
0.00
values
X1|Y==1 & X2==1
X1|Y==1
X1|Y==1 & X2==0
ind

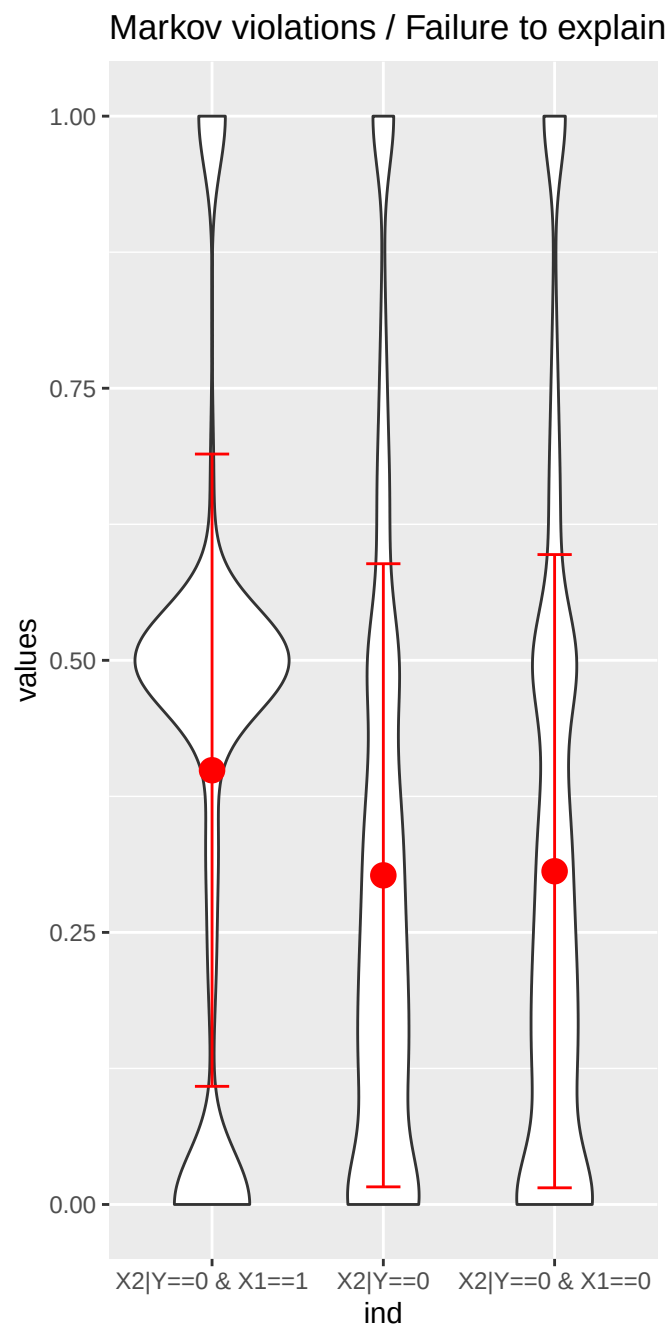

Markov violations / Failure to explain
1.00
0.75
0.50
0.25
values
X1|Y==1 & X2==1
X1|Y==1
X1|Y==1 & X2==0
ind

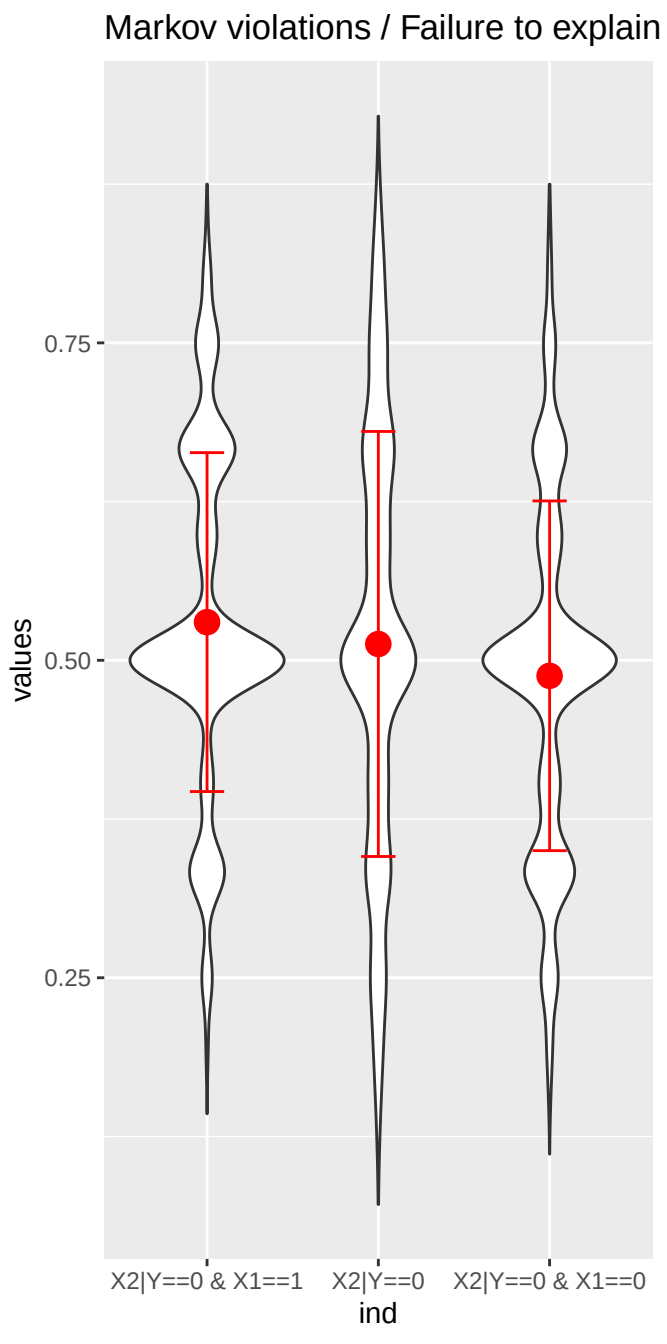

Markov violations / Failure to explain
1.00
0.75
0.50
0.25
0.00
values
X1|Y==0 & X2==1
X1|Y==0
X1|Y==0 & X2==0
ind


Markov violations / Failure to explain
0.75
0.50
0.25
values
X1|Y==0 & X2==1
X1|Y==0
X1|Y==0 & X2==0
ind


Markov violations / Failure to explain
1.00
0.75
0.50
0.25
0.00
values
X2|Y==1 & X1==1
X2|Y==1
X2|Y==1 & X1==0
ind


Markov violations / Failure to explain
1.00
0.75
0.50
0.25
values
X2|Y==1 & X1==1
X2|Y==1
X2|Y==1 & X1==0
ind


Markov violations / Failure to explain
1.00
0.75
0.50
0.25
0.00
values
X2|Y==0 & X1==1
X2|Y==0
X2|Y==0 & X1==0
ind


Markov violations / Failure to explain
0.75
0.50
0.25
values
X2|Y==0 & X1==1
X2|Y==0
X2|Y==0 & X1==0
ind