

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	0.0478515625
1	1	0	0.0615234375
1	0	1	0.03515625
1	0	0	0.10546875
0	1	1	0.08203125
0	1	0	0.10546875
0	0	1	0.140625
0	0	0	0.421875

causal strengths

X1	Y	X2
0	0.25	0
0	0	0.25
0	0	0

baserates 0.25 0.25 0.25

mean sim joint distr

state	X1	Y	X2	p
1	1	1	1	0.08772308
2	1	1	0	0.06570769
3	1	0	1	0.04053846
4	1	0	0	0.09852308
5	0	1	1	0.08369231
6	0	1	0	0.09556923
7	0	0	1	0.12373846
8	0	0	0	0.40450769

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	0.1650390625
1	1	0	0.0380859375
1	0	1	0.01171875
1	0	0	0.03515625
0	1	1	0.15234375
0	1	0	0.03515625
0	0	1	0.140625
0	0	0	0.421875

causal strengths

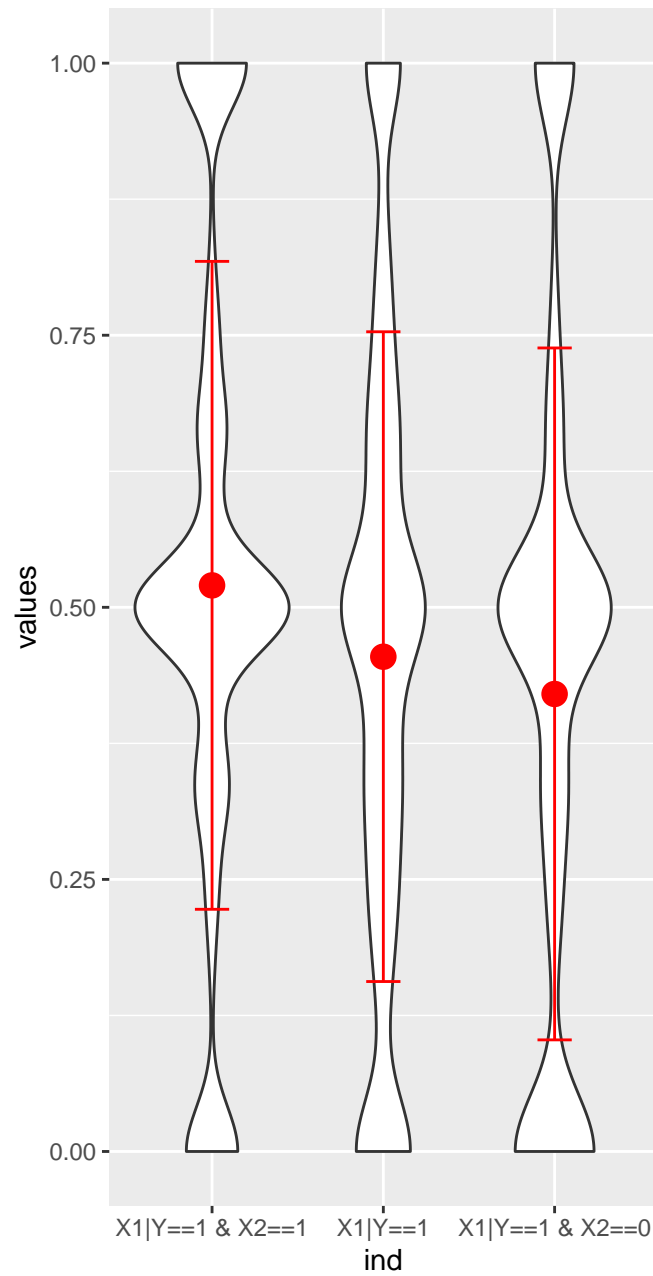
X1	Y	X2
0	0.75	0
0	0	0.75
0	0	0

baserates 0.25 0.25 0.25

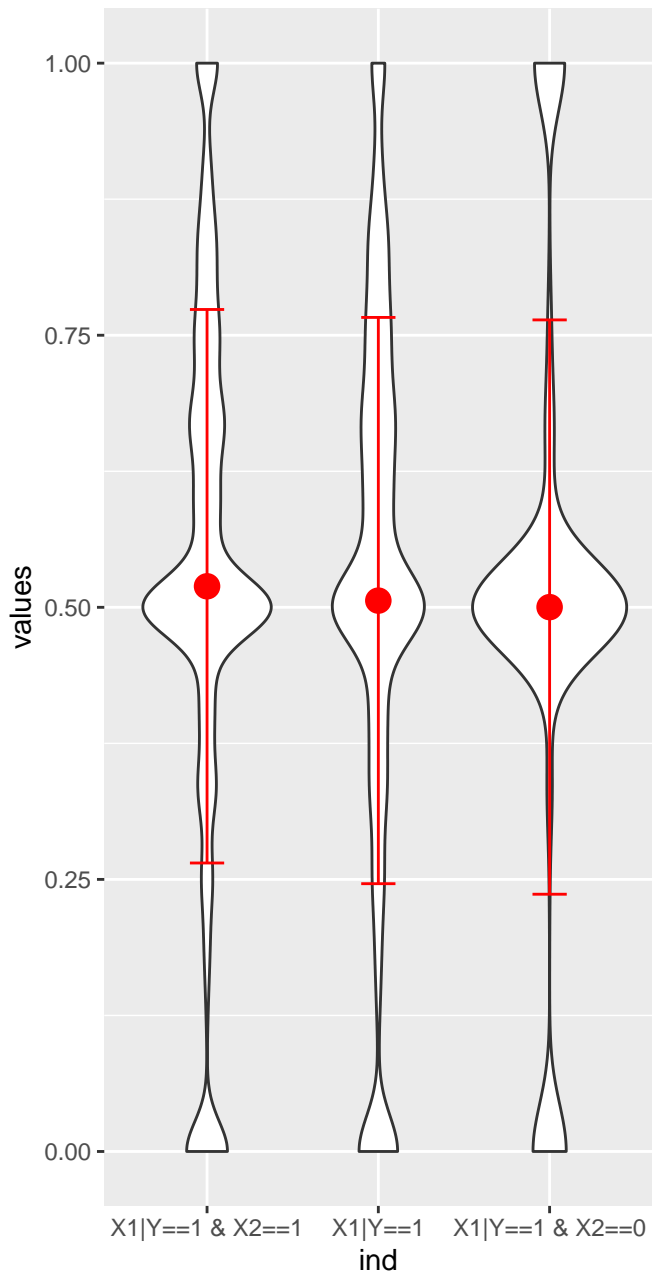
mean sim joint distr

state	X1	Y	X2	p
1	1	1	1	0.21618462
2	1	1	0	0.03618462
3	1	0	1	0.01144615
4	1	0	0	0.02996923
5	0	1	1	0.14732308
6	0	1	0	0.03095385
7	0	0	1	0.12115385
8	0	0	0	0.40678462

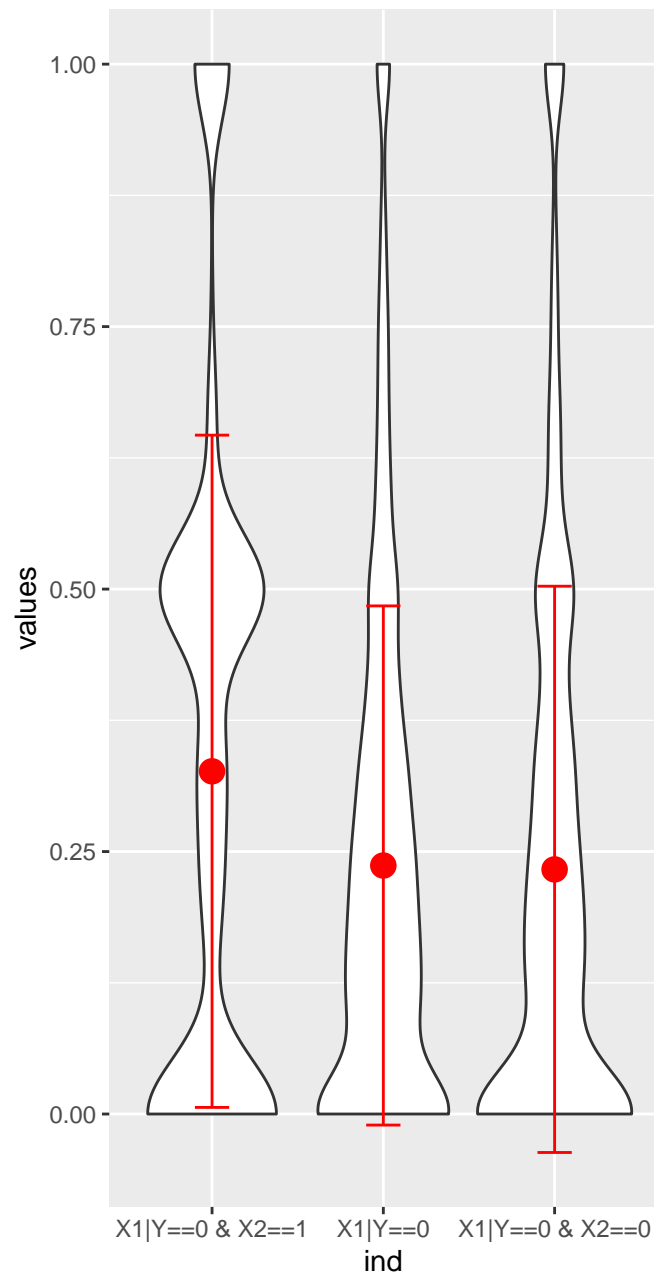
Markov violations / Failure to explain



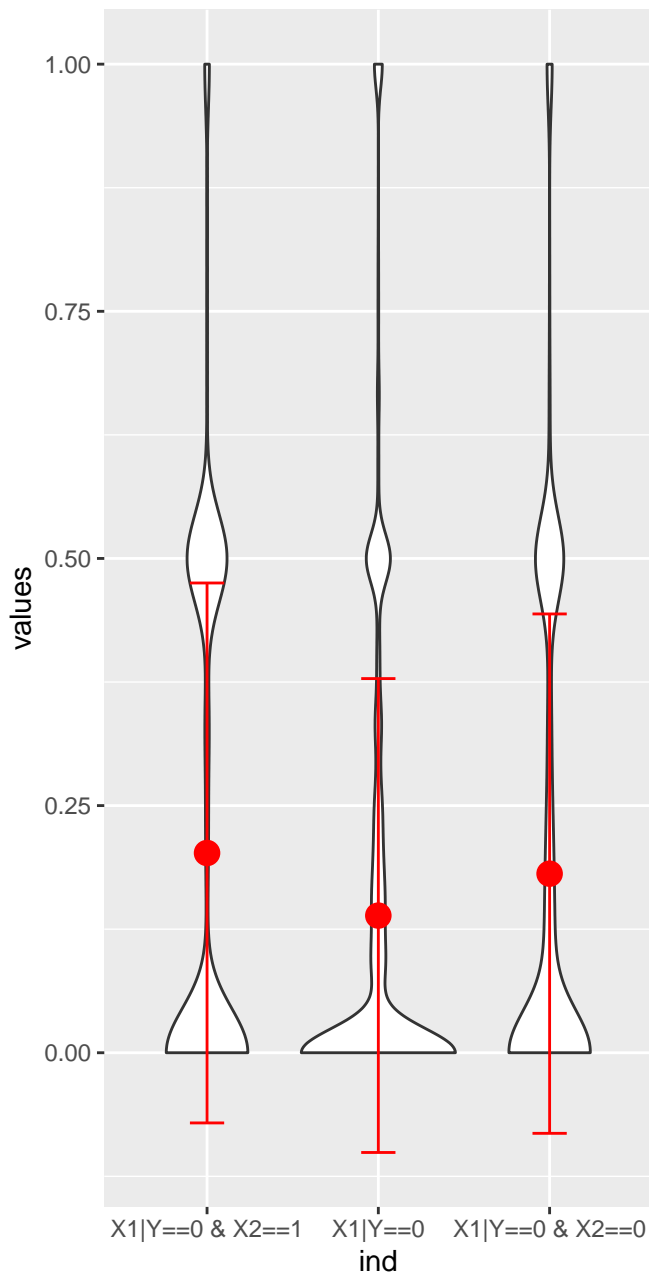
Markov violations / Failure to explain



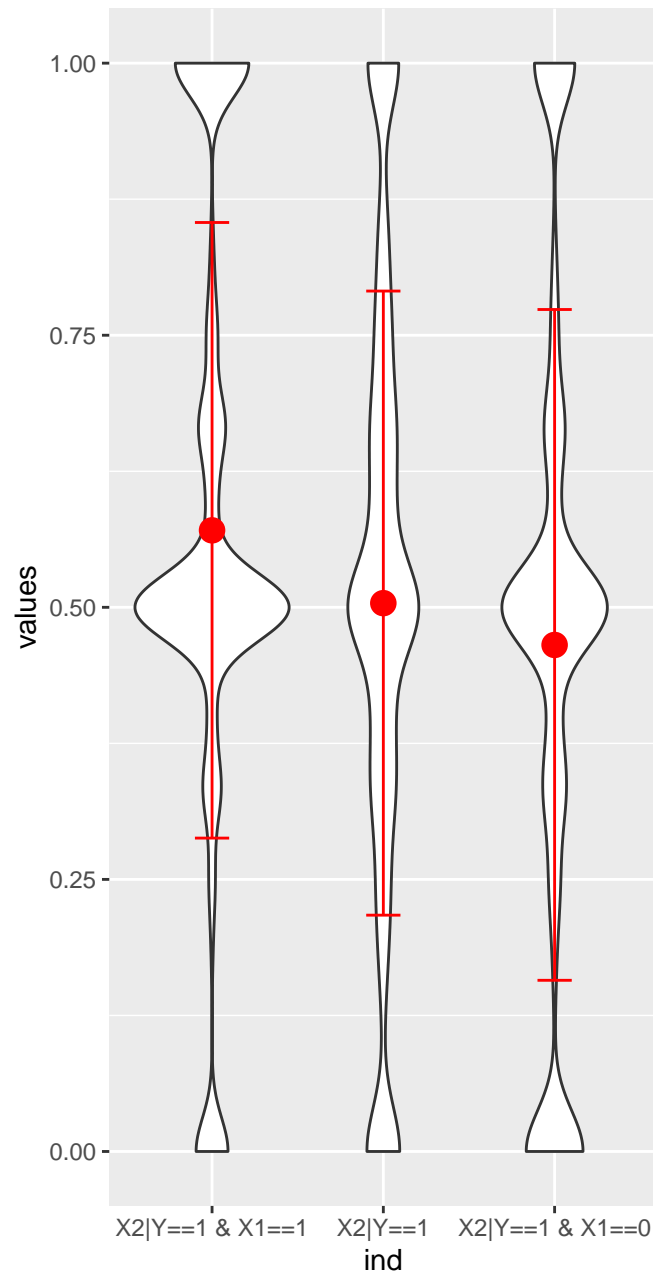
Markov violations / Failure to explain



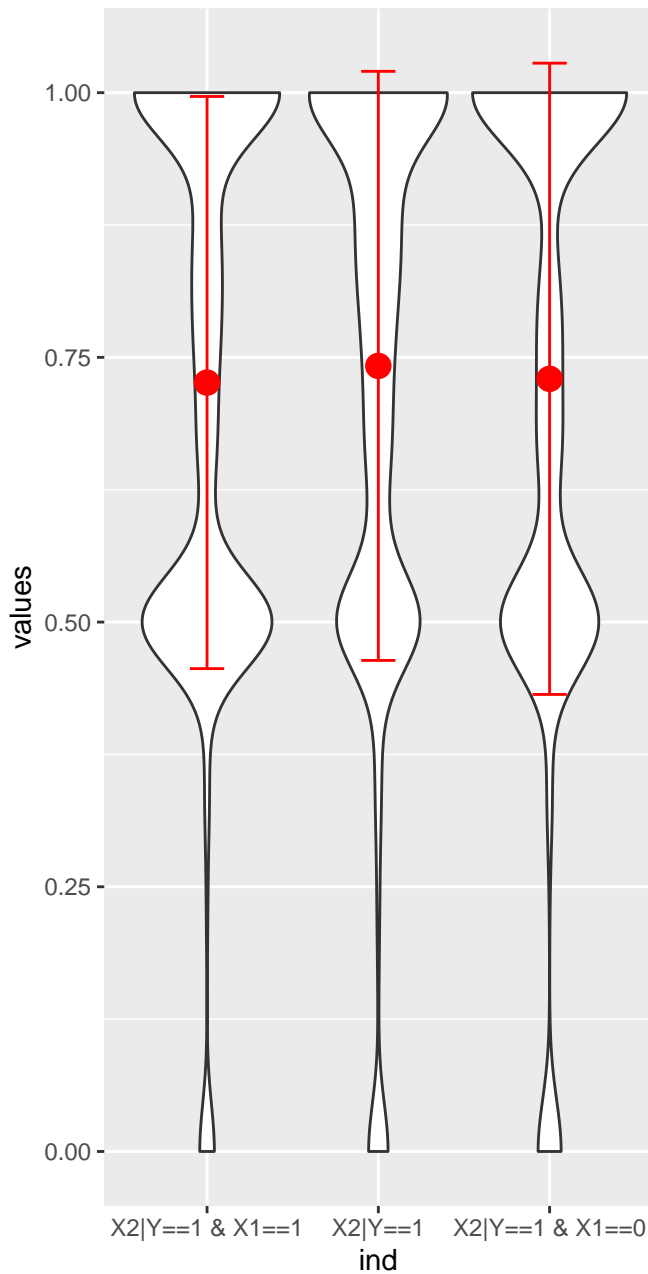
Markov violations / Failure to explain



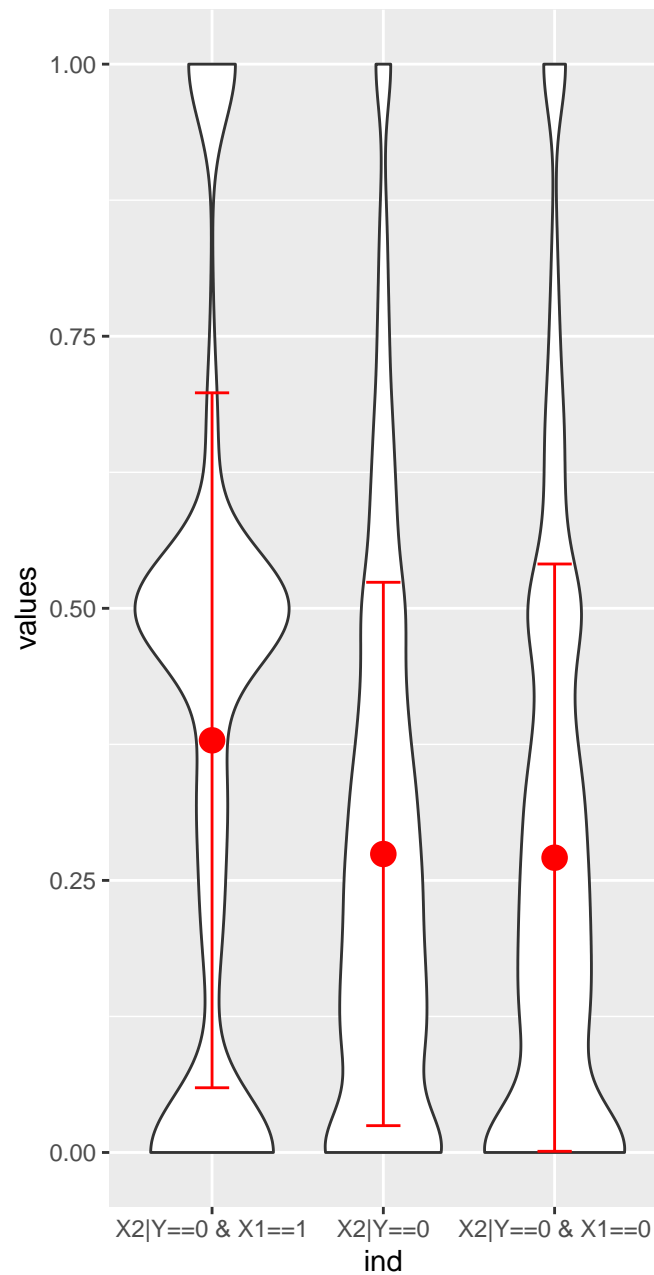
Markov violations / Failure to explain



Markov violations / Failure to explain



Markov violations / Failure to explain



Markov violations / Failure to explain

