

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 (red lines)

input joint distr

model

IK BayesianMS

bias

0.5

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

nChains

5000

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

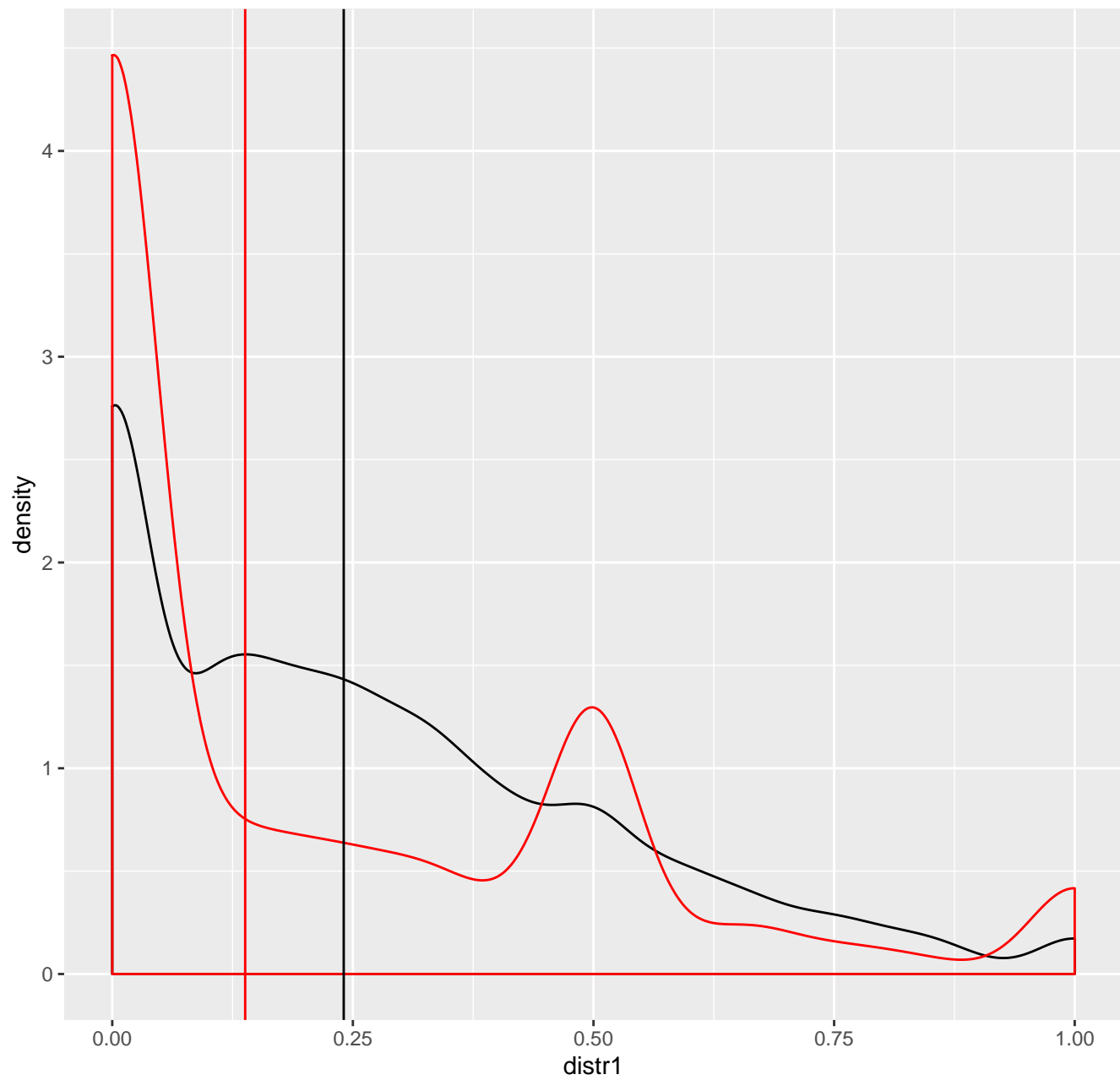
betavar

0

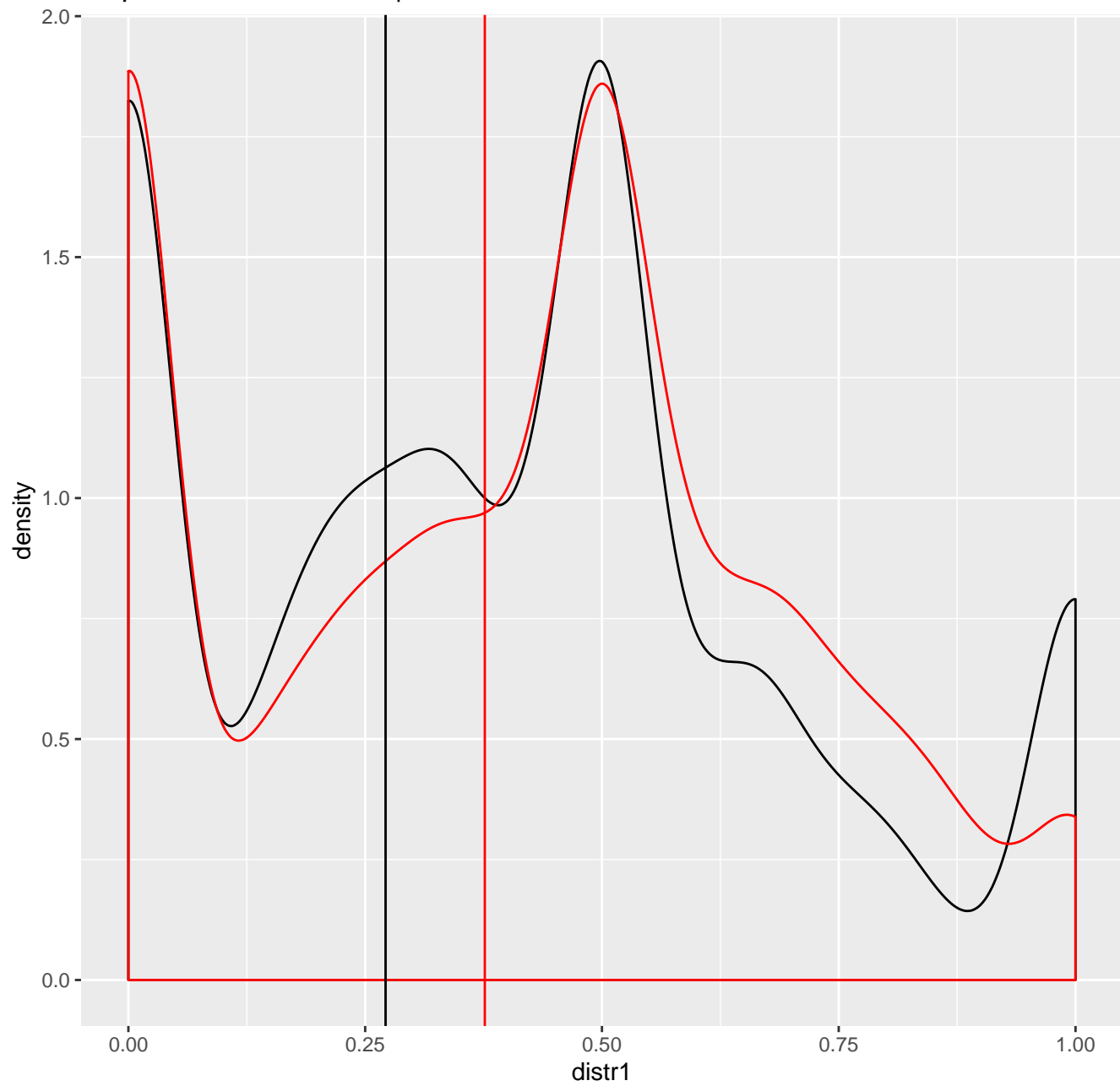
meanChainlen

13

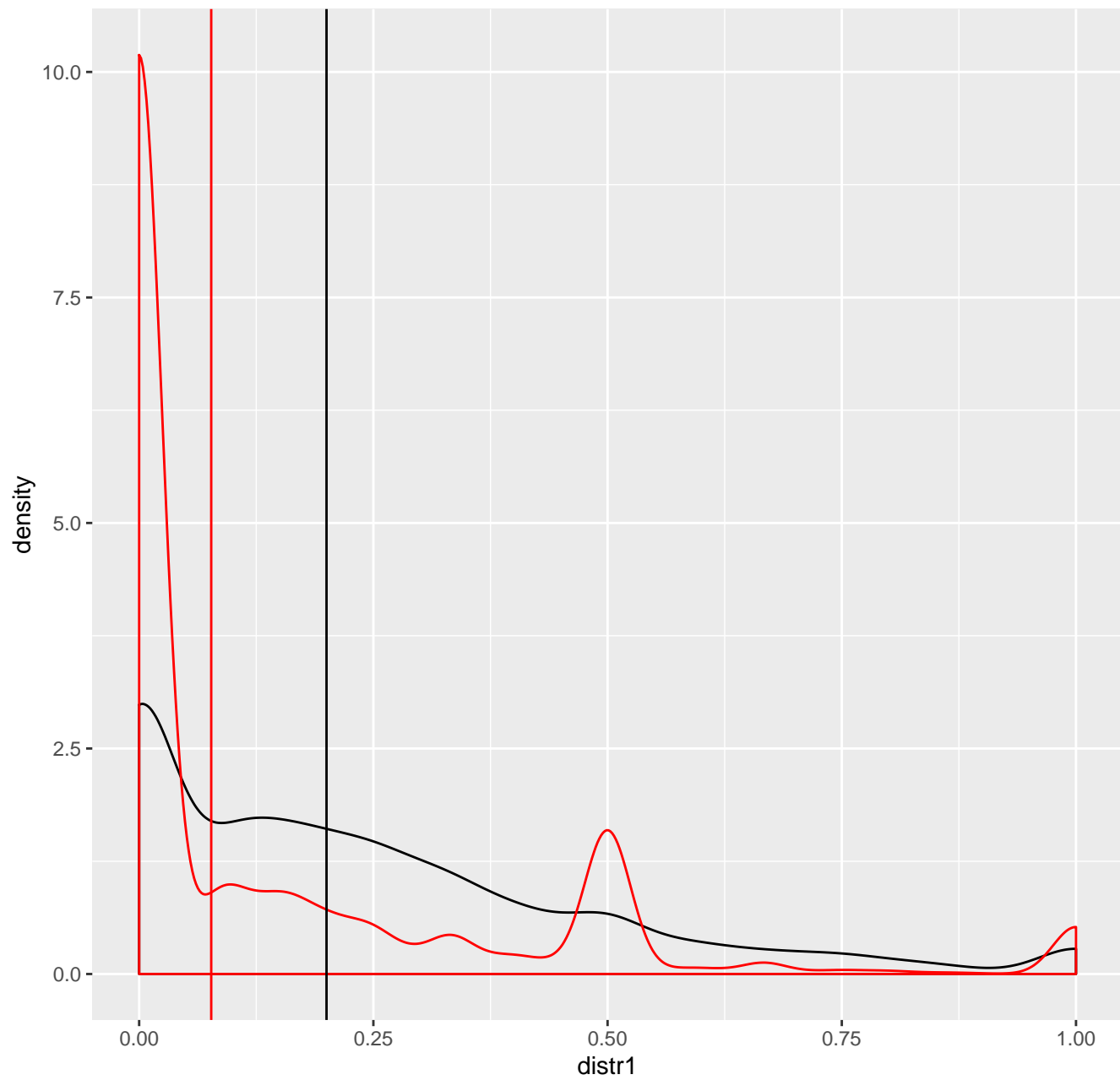
response distribution $X_1|X_2==0$



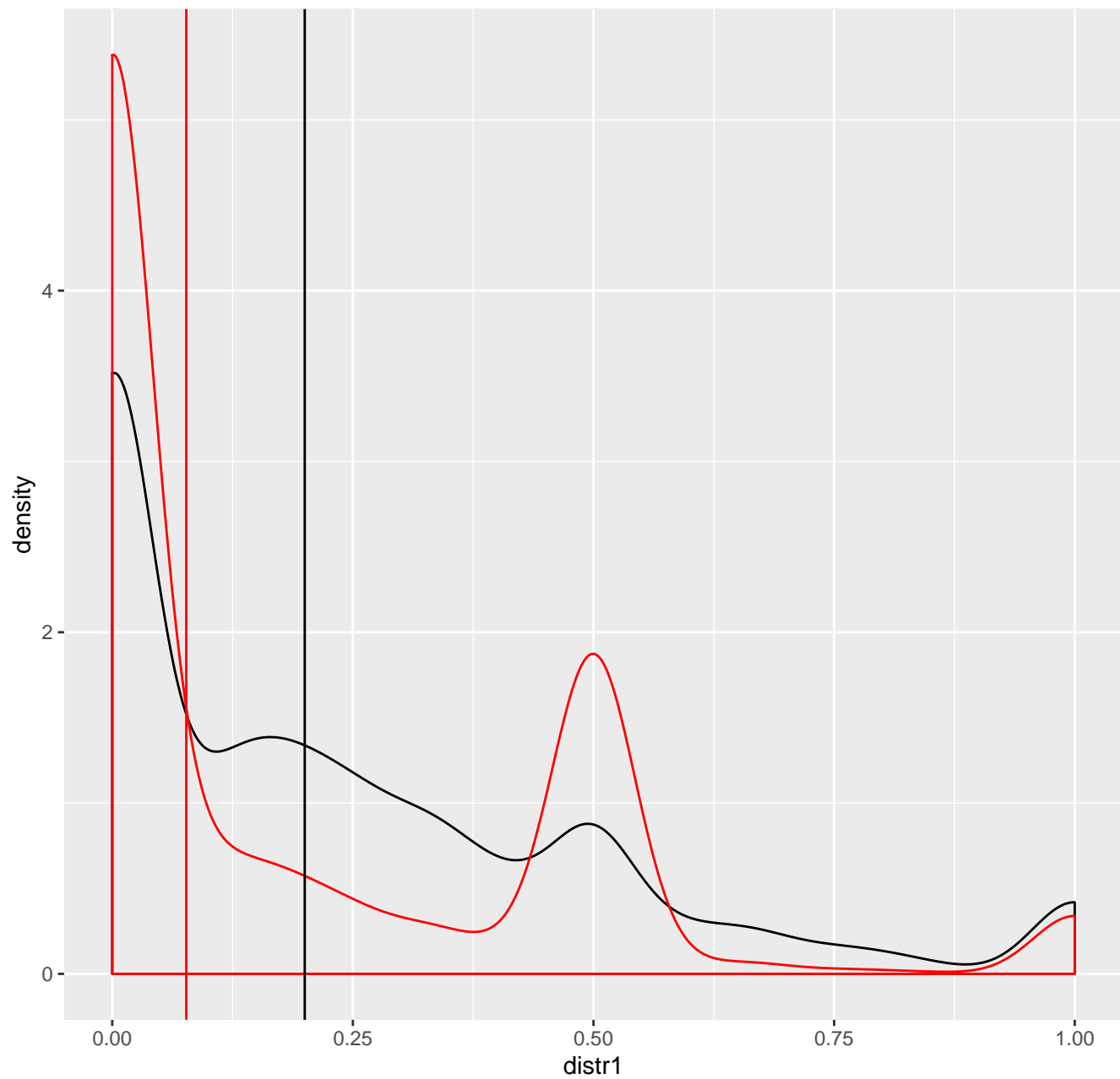
response distribution $X_1|X_2=1$



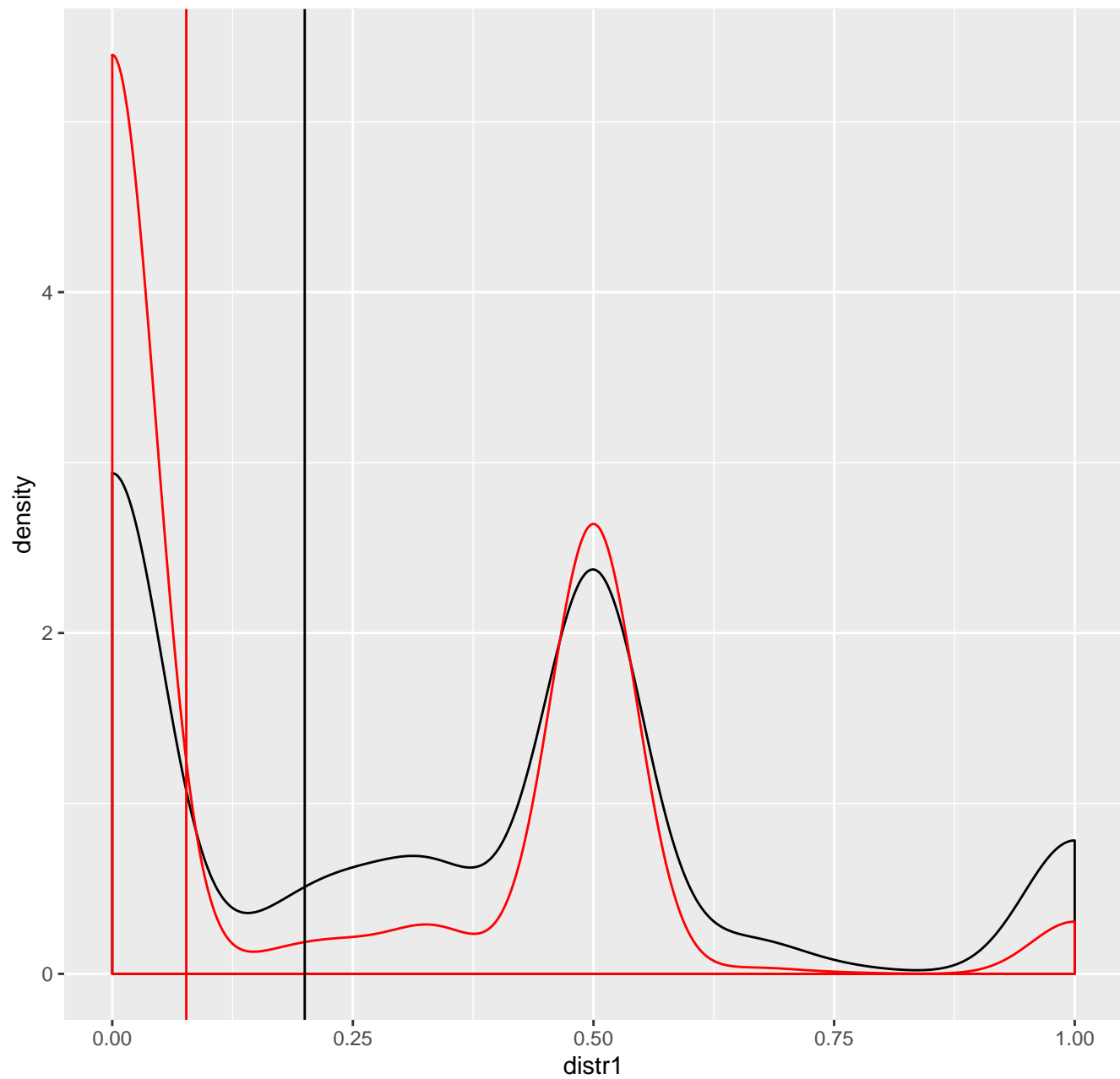
response distribution $X1|Y==0$



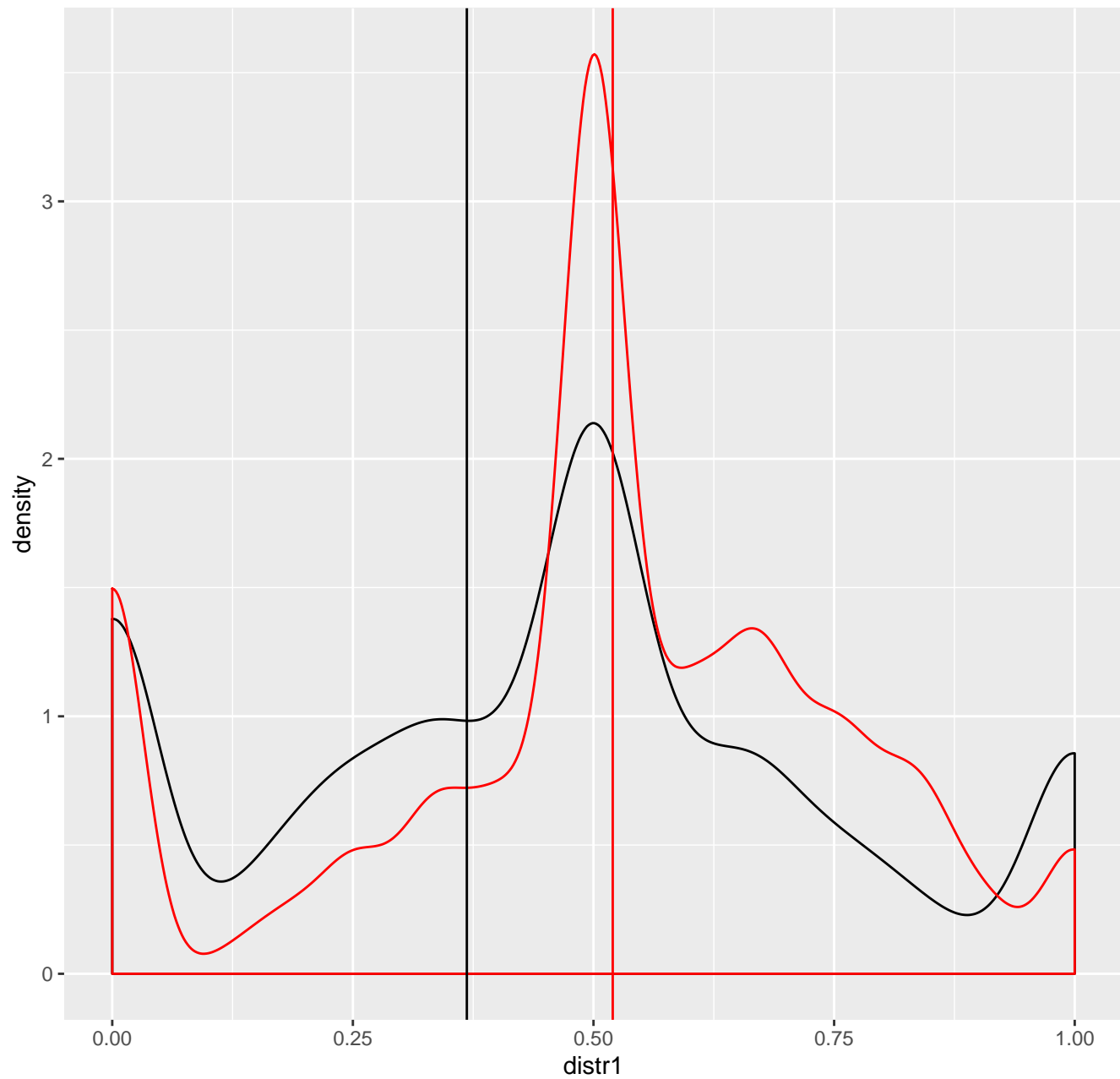
response distribution $X_1|Y==0 \text{ \& } X_2==0$



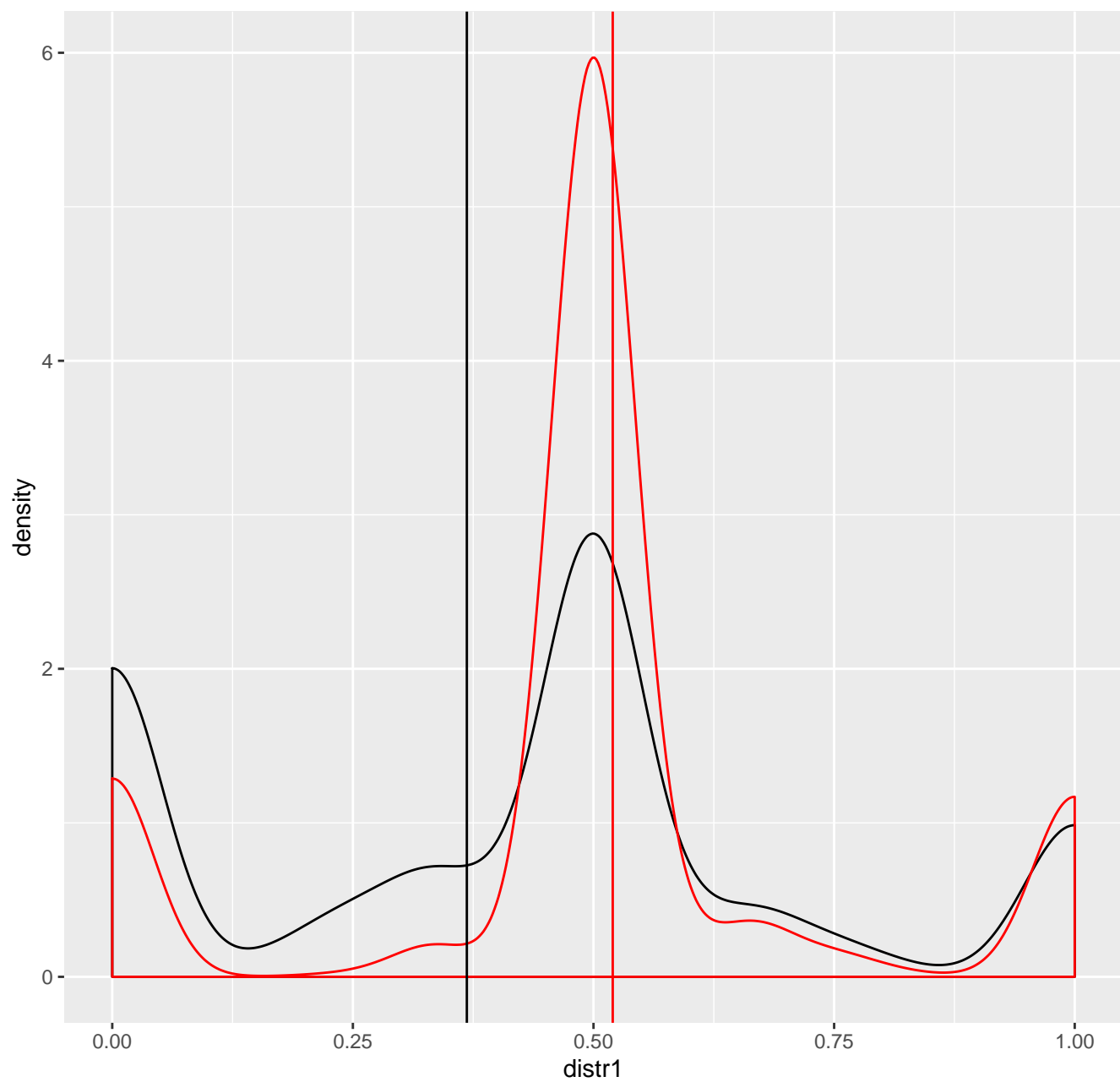
response distribution $X_1|Y==0$ & $X_2==1$



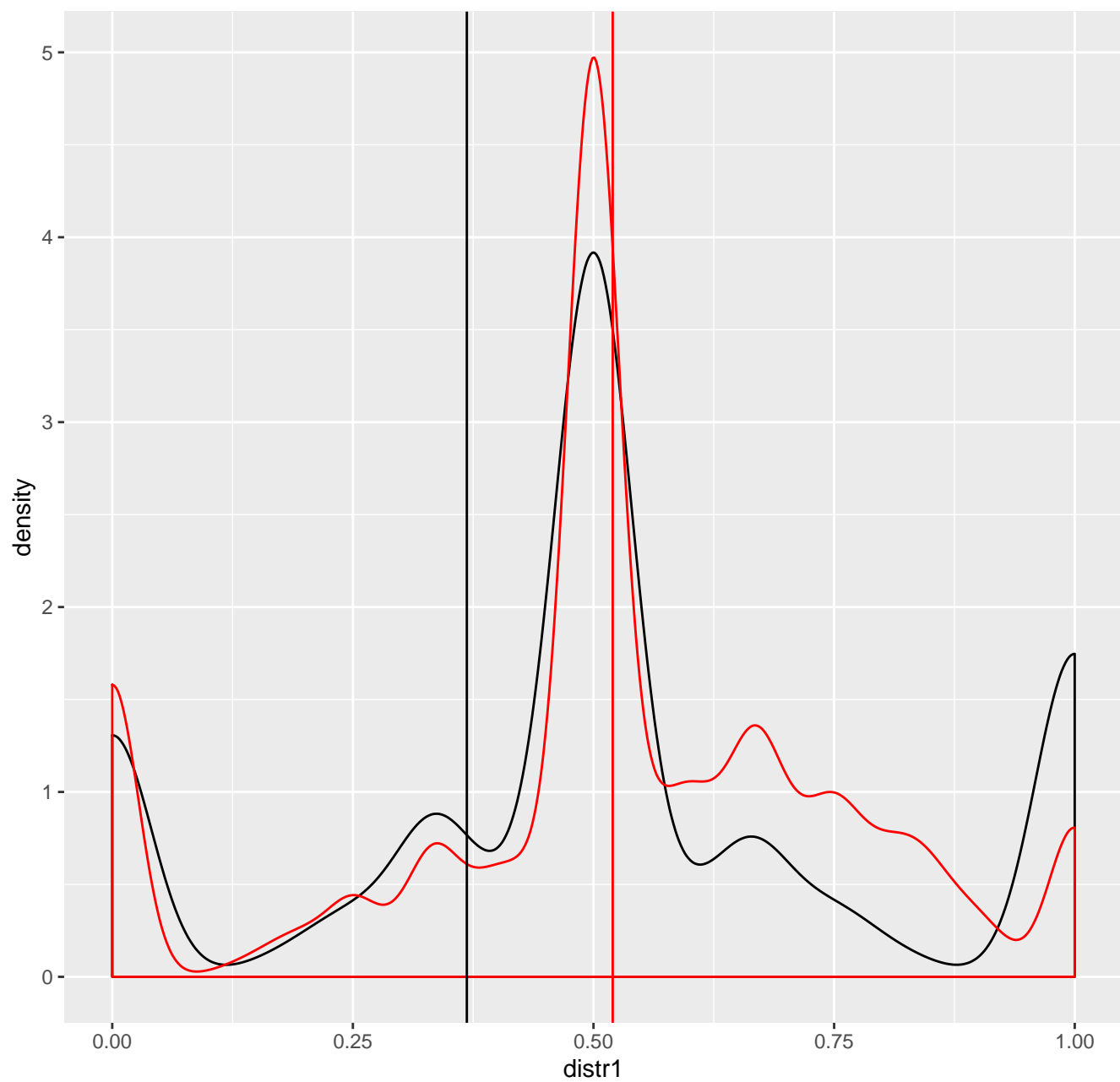
response distribution $X_1|Y==1$



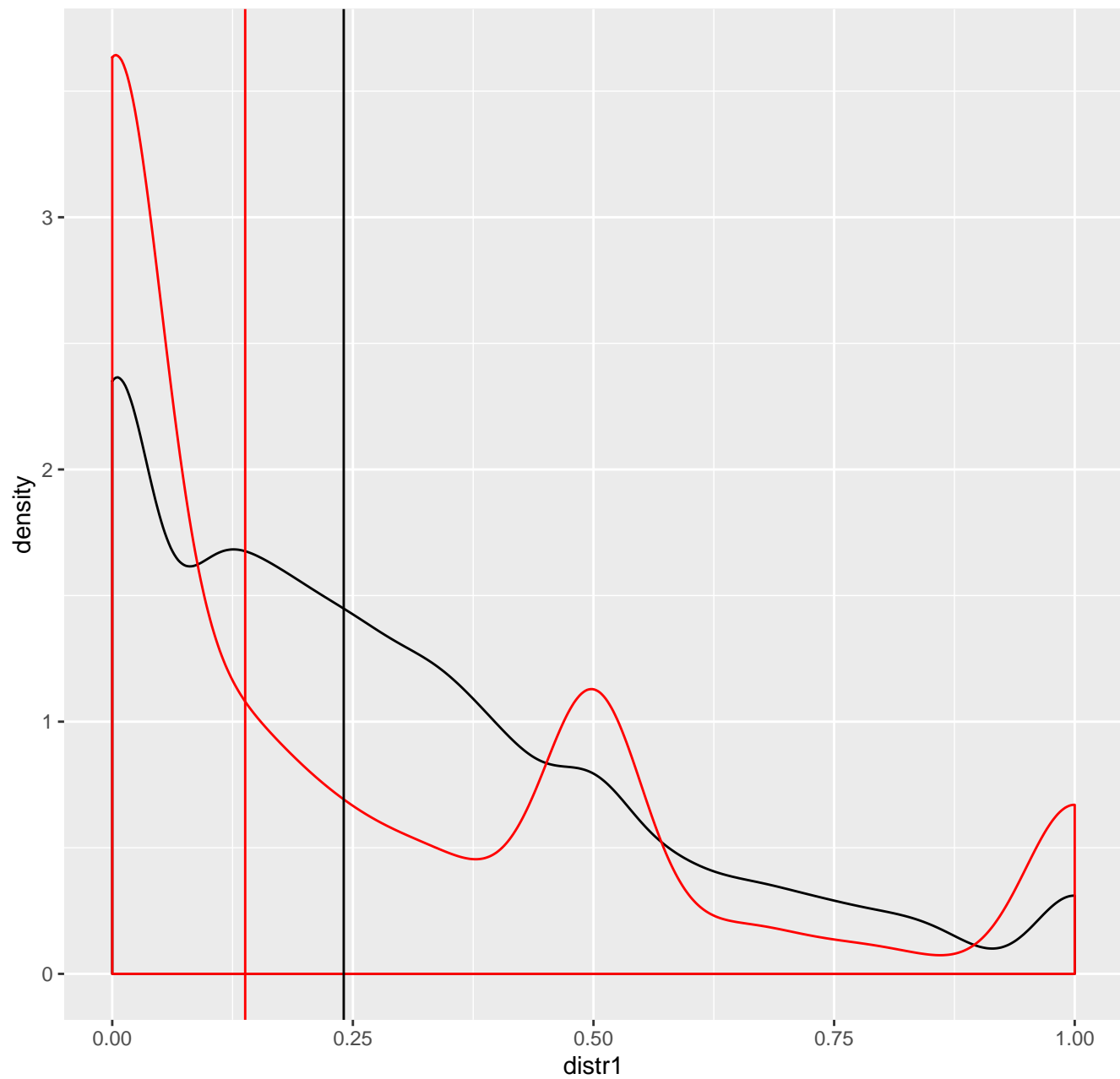
response distribution $X_1|Y==1$ & $X_2==0$



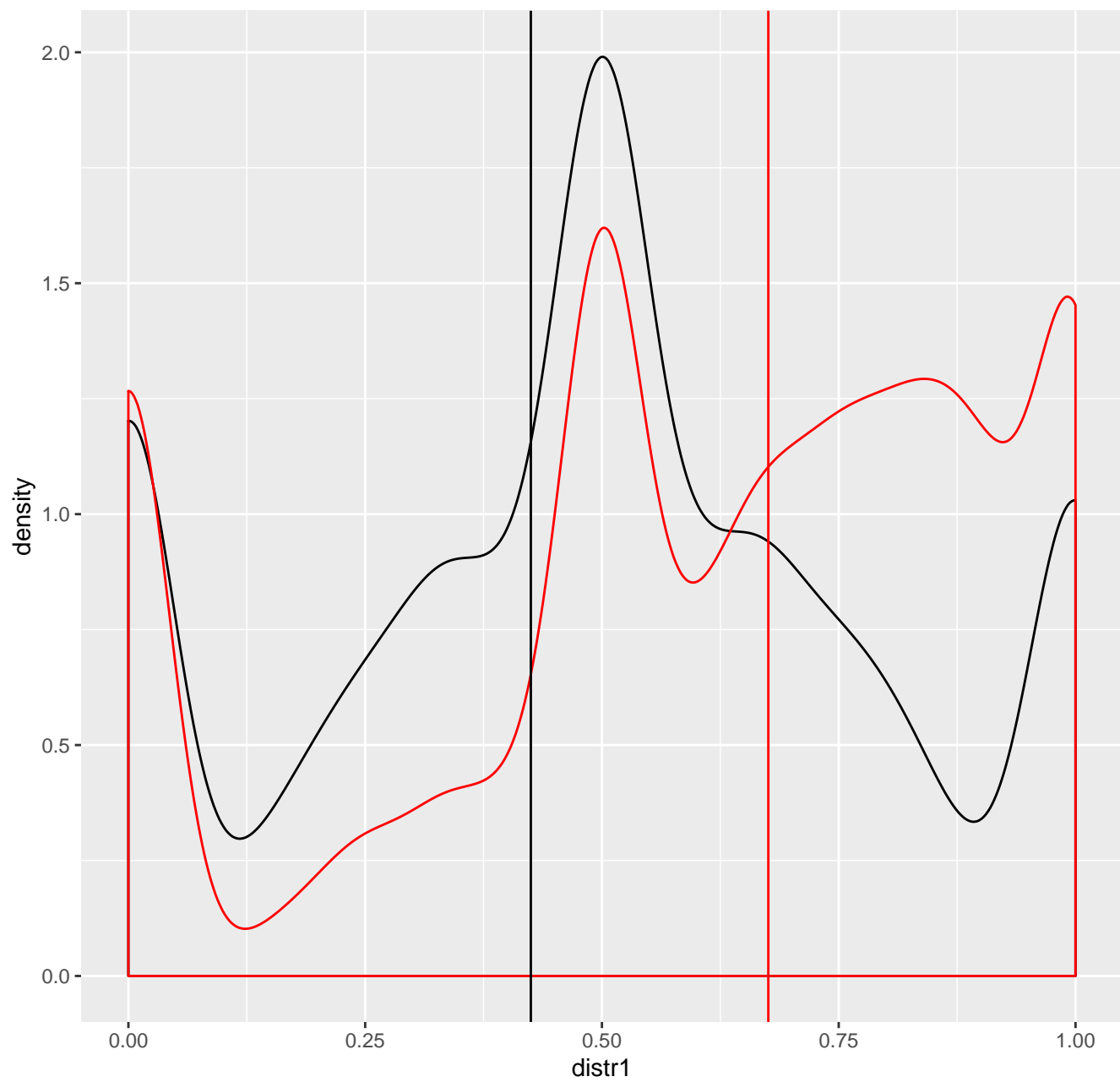
response distribution $X_1|Y==1$ & $X_2==1$



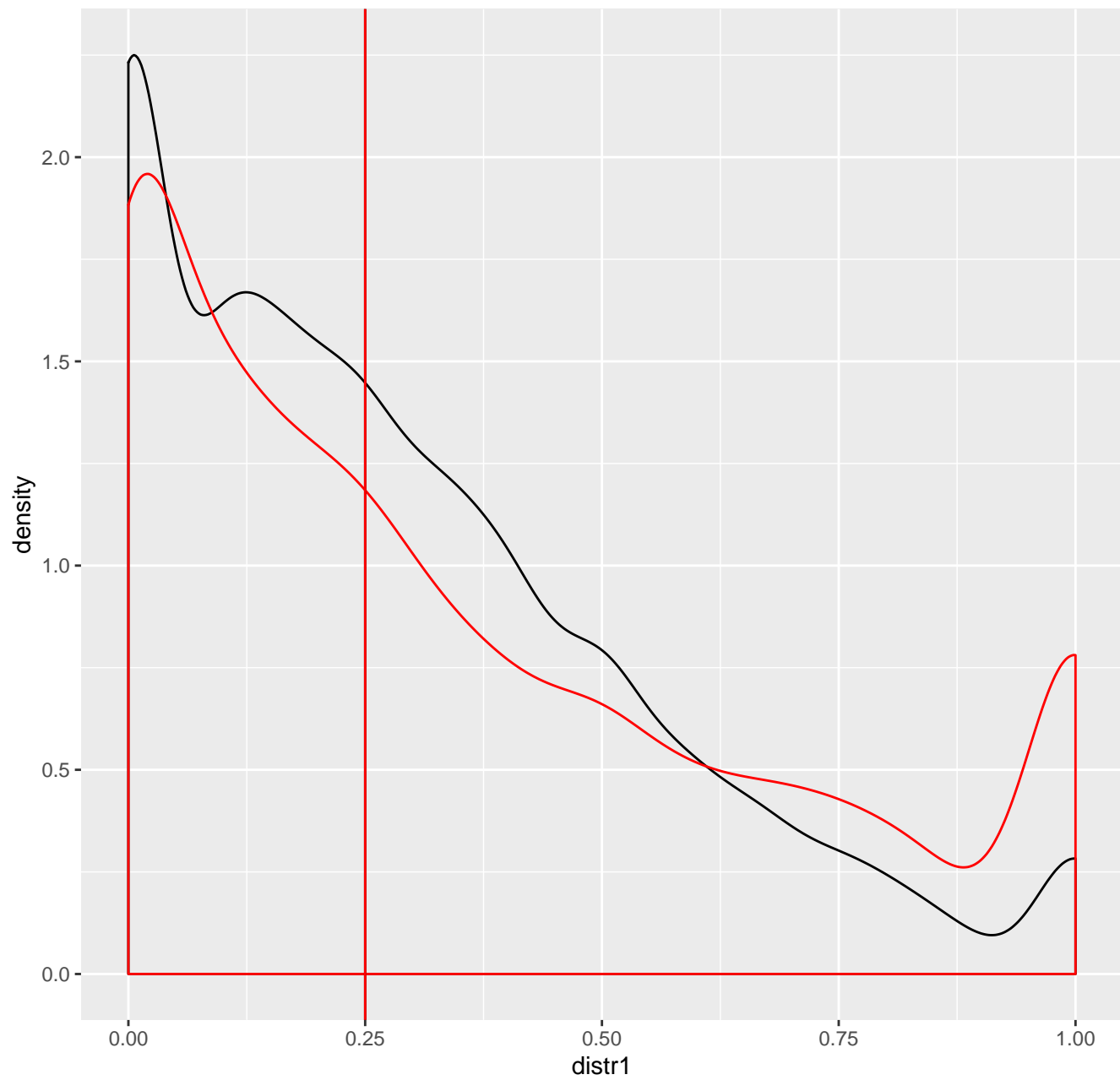
response distribution $Y|X_2==0$



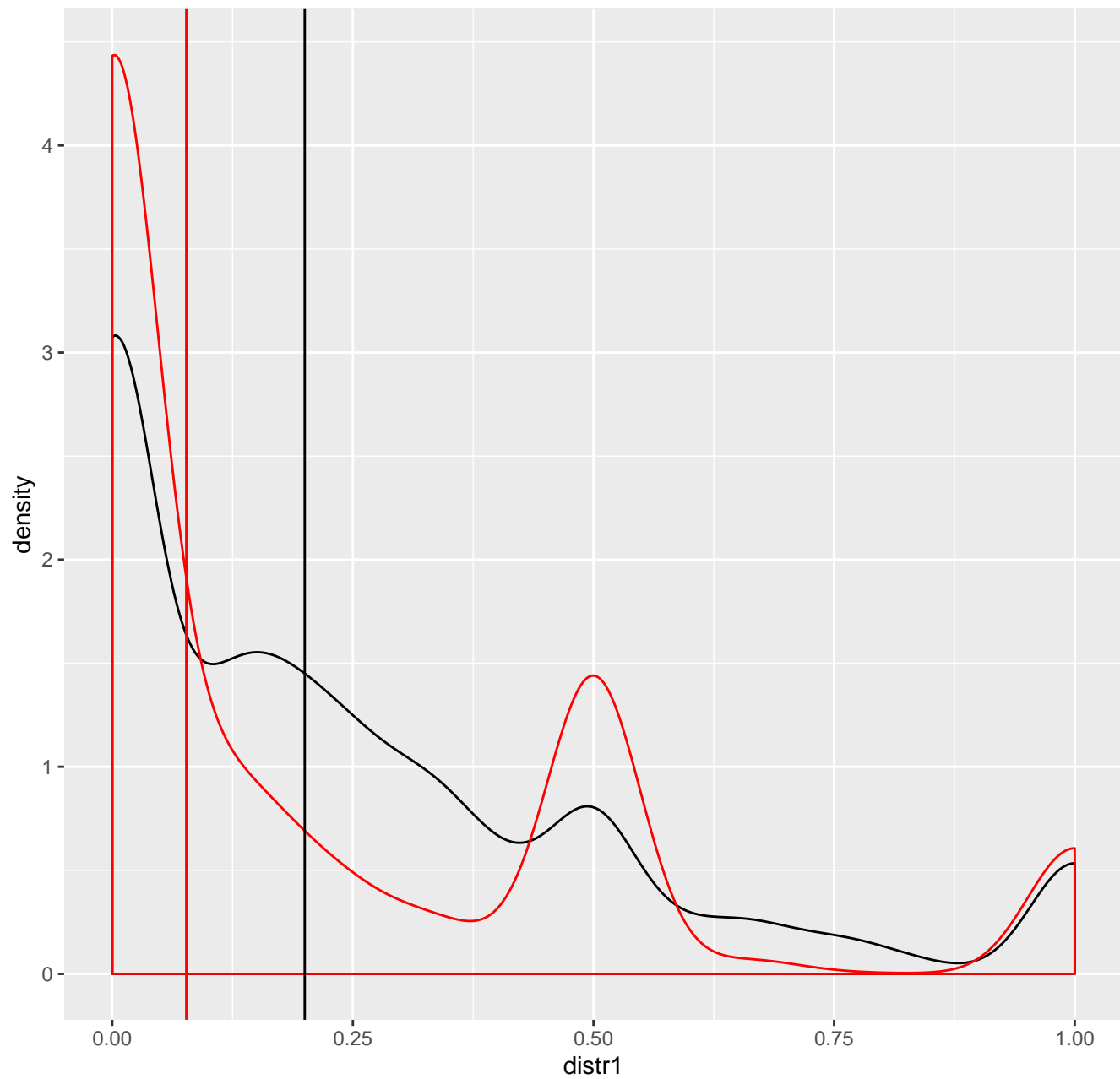
response distribution $Y|X_2==1$



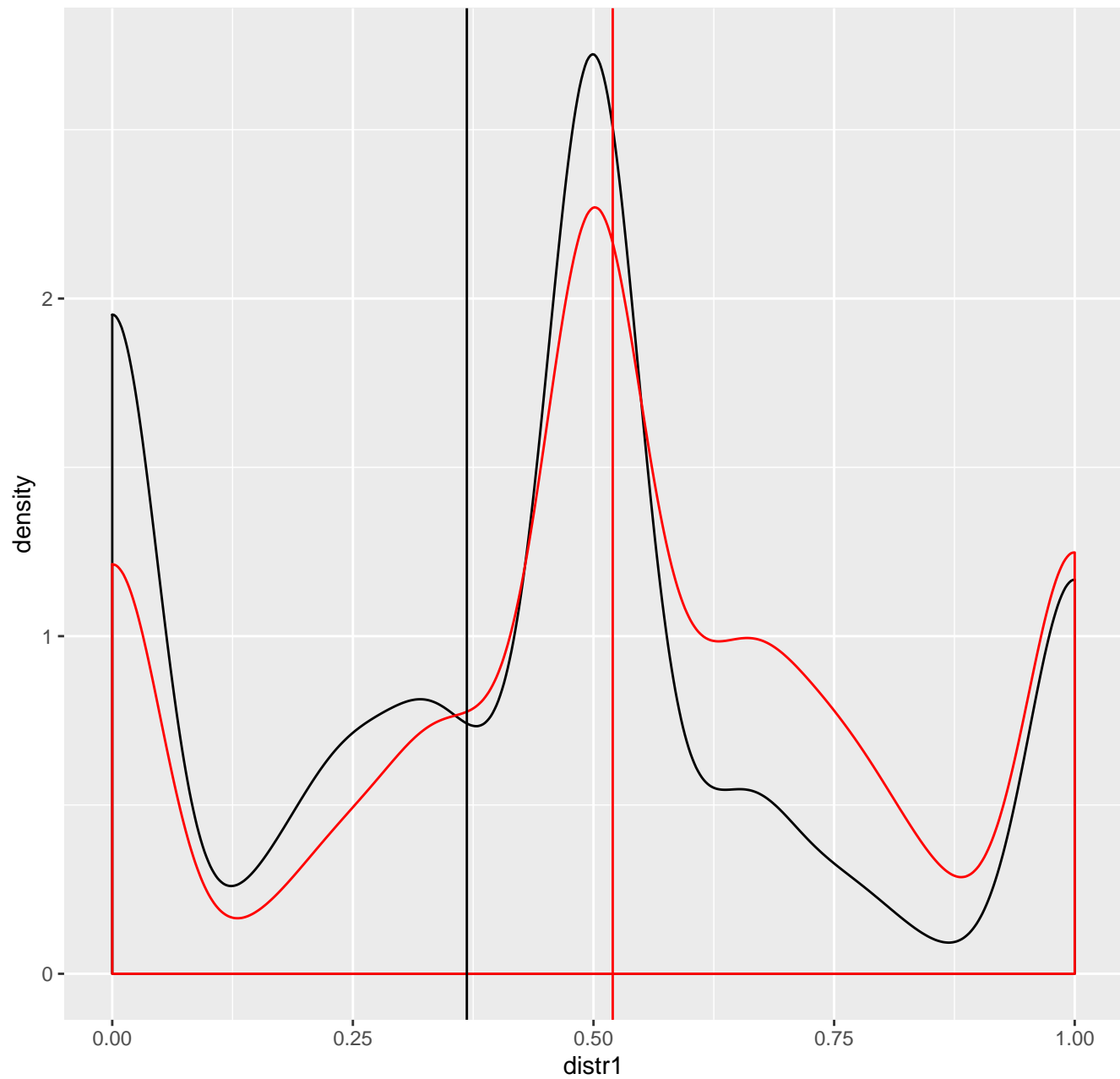
response distribution $Y|X1==0$



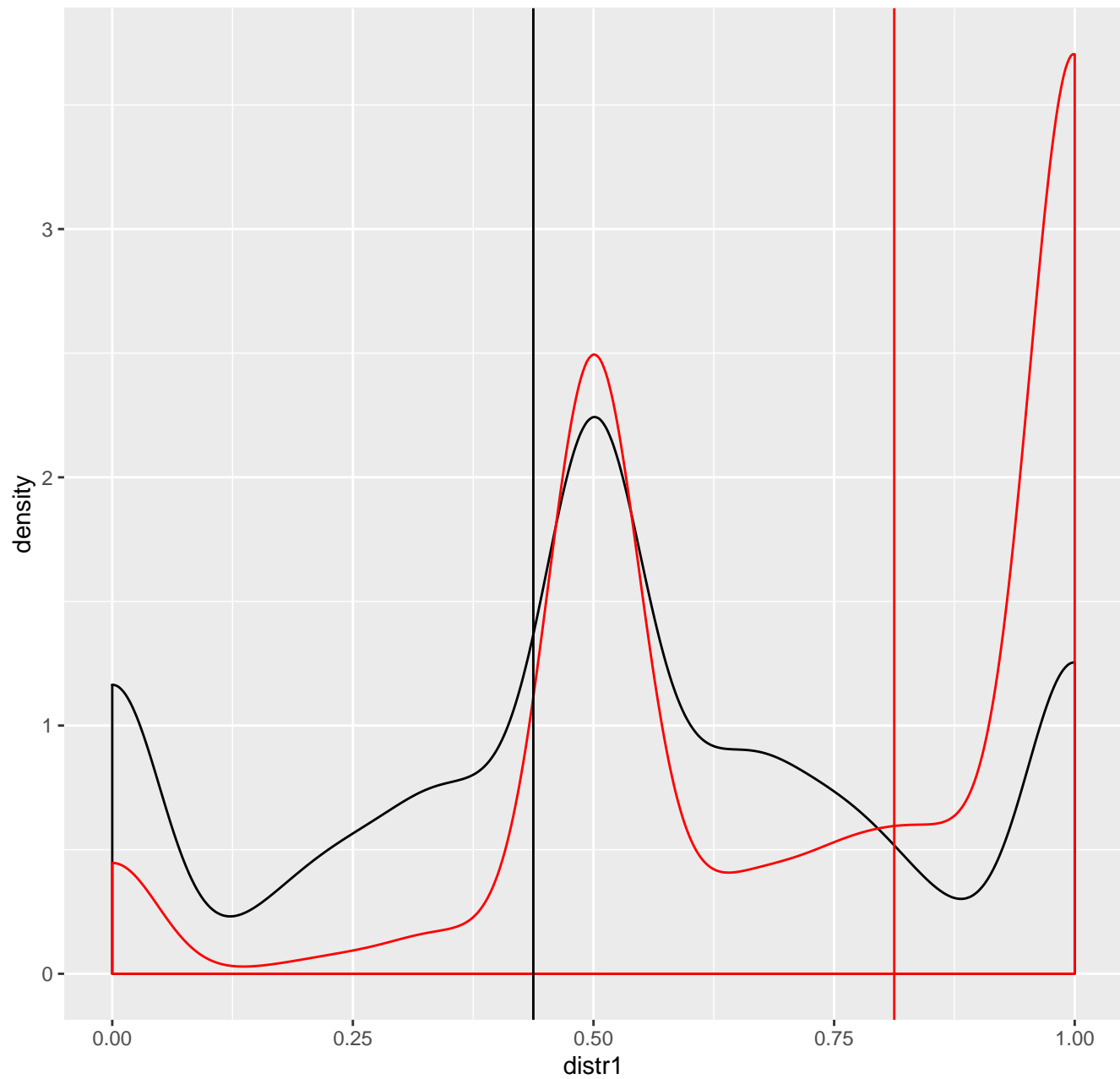
response distribution $Y|X_1==0 \text{ \& } X_2==0$



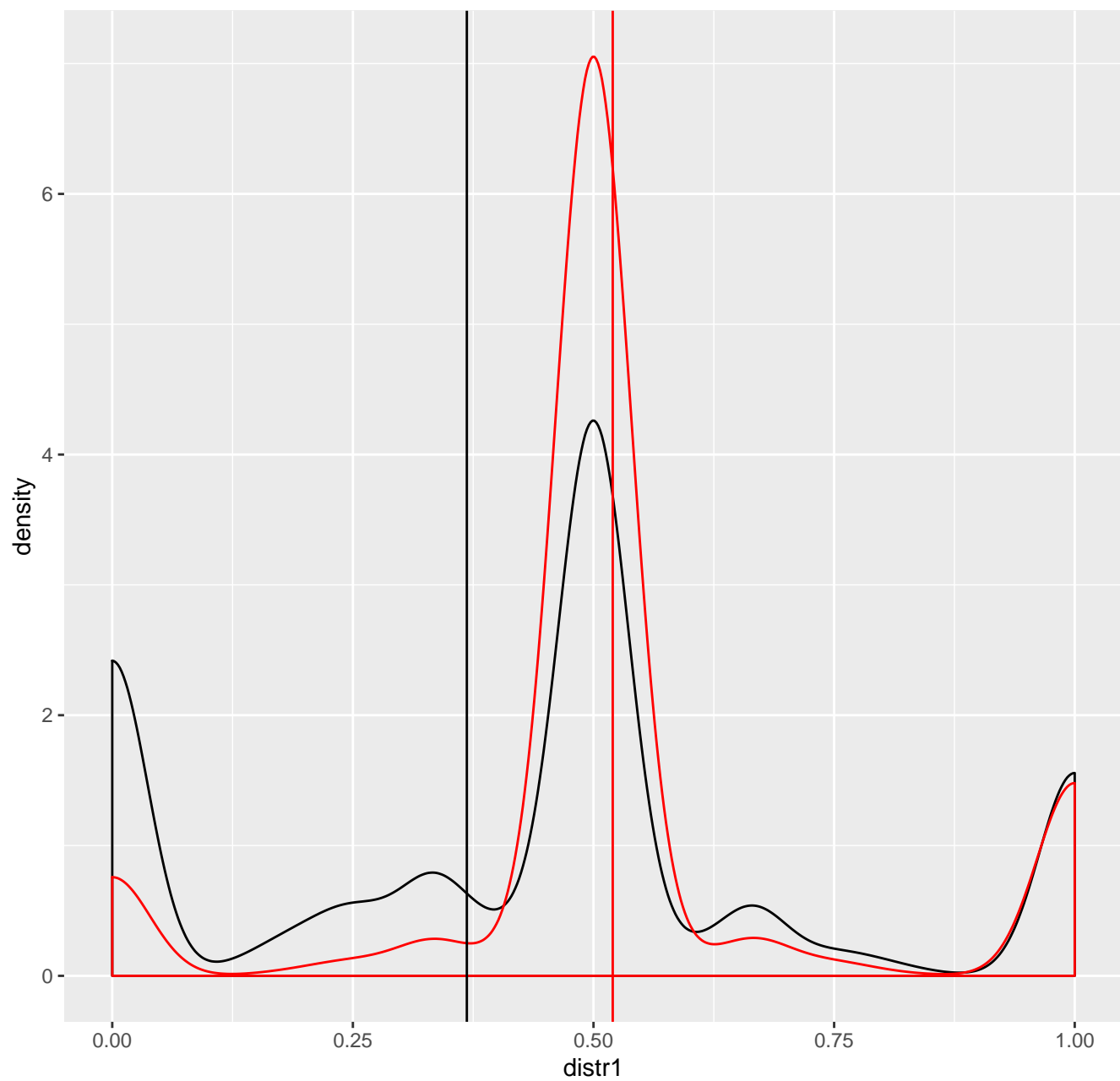
response distribution $Y|X_1==0$ & $X_2==1$



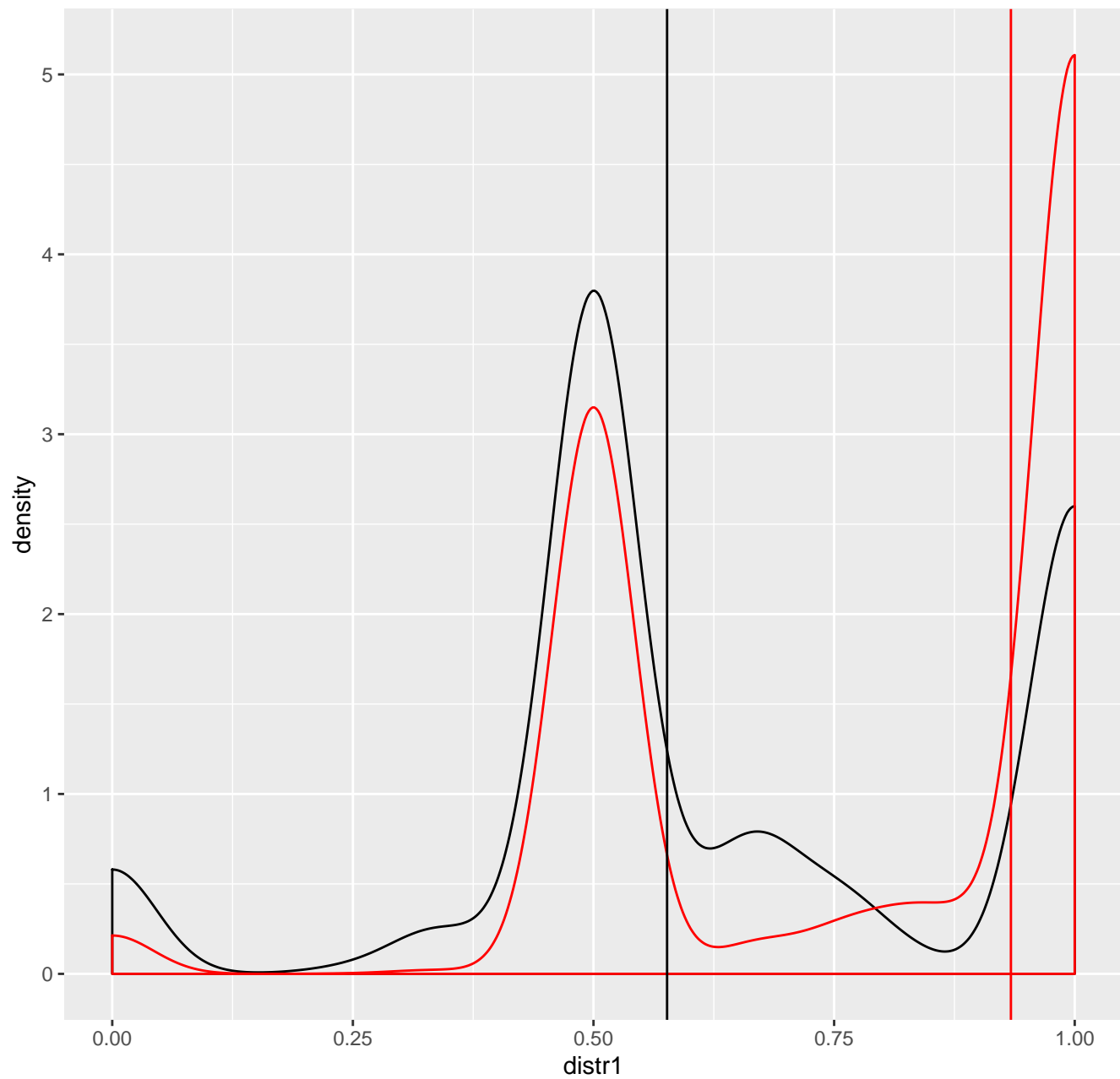
response distribution $Y|X1==1$



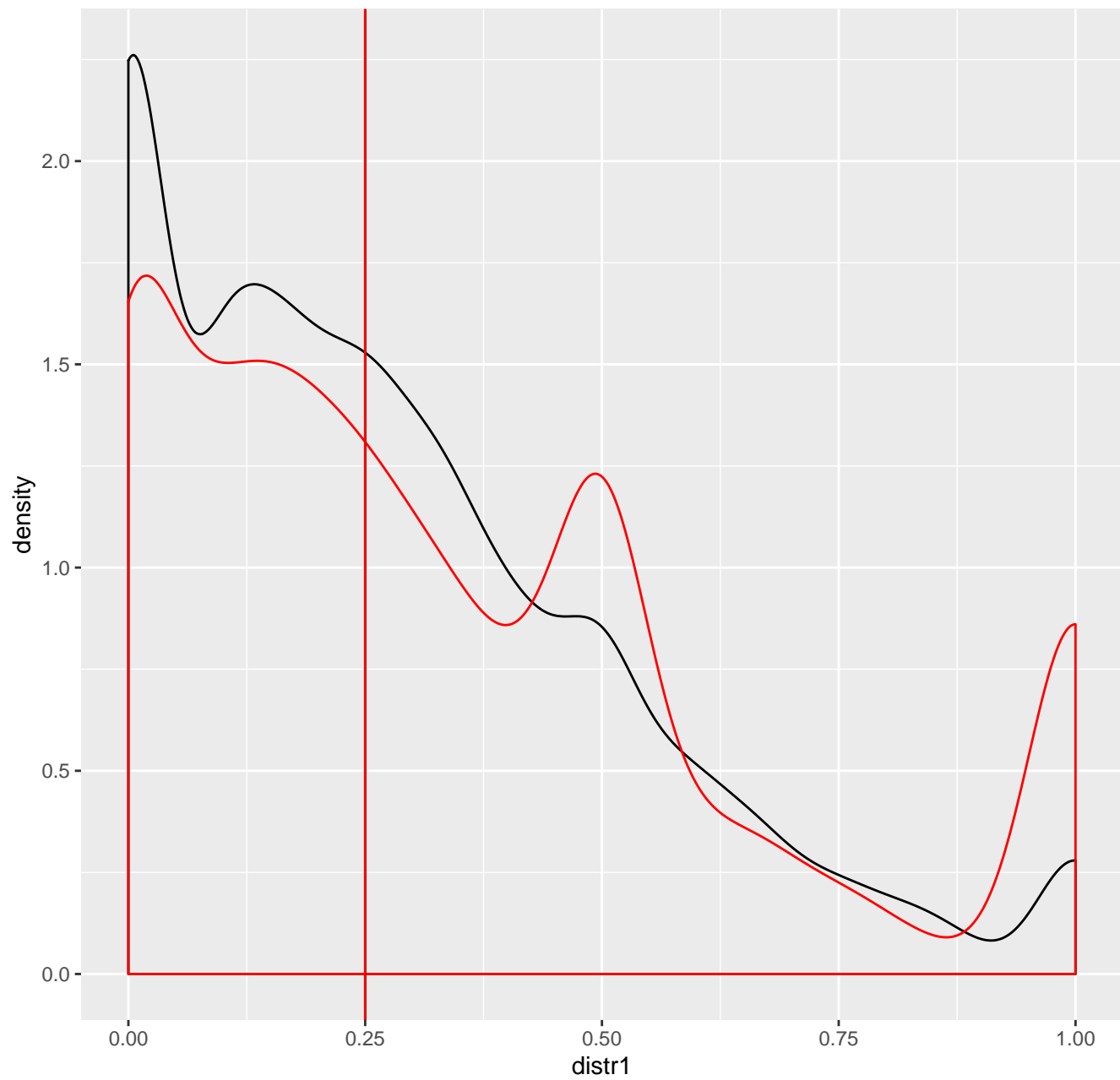
response distribution $Y|X_1==1 \text{ \& } X_2==0$



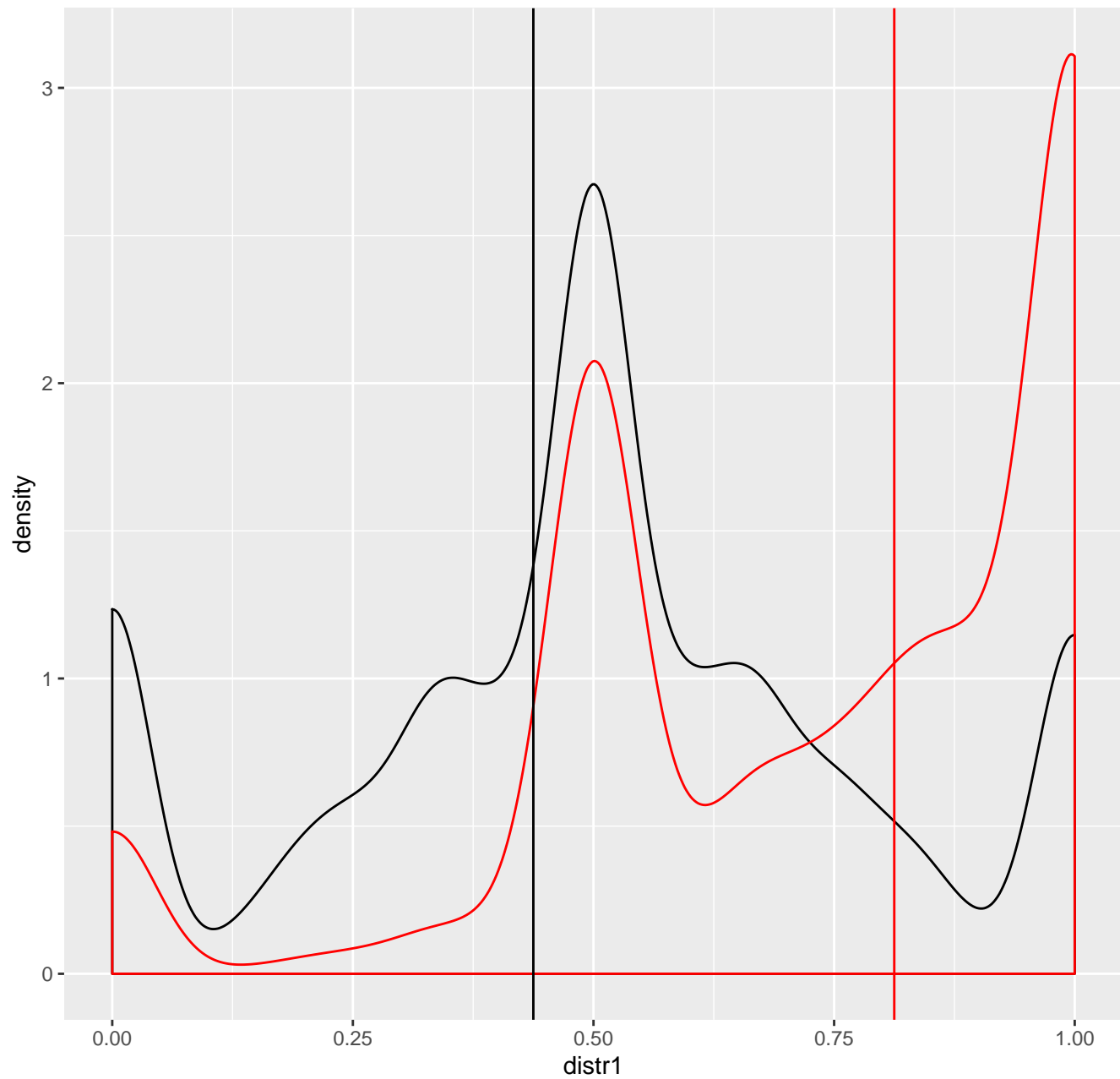
response distribution $Y|X_1==1 \text{ \& } X_2==1$



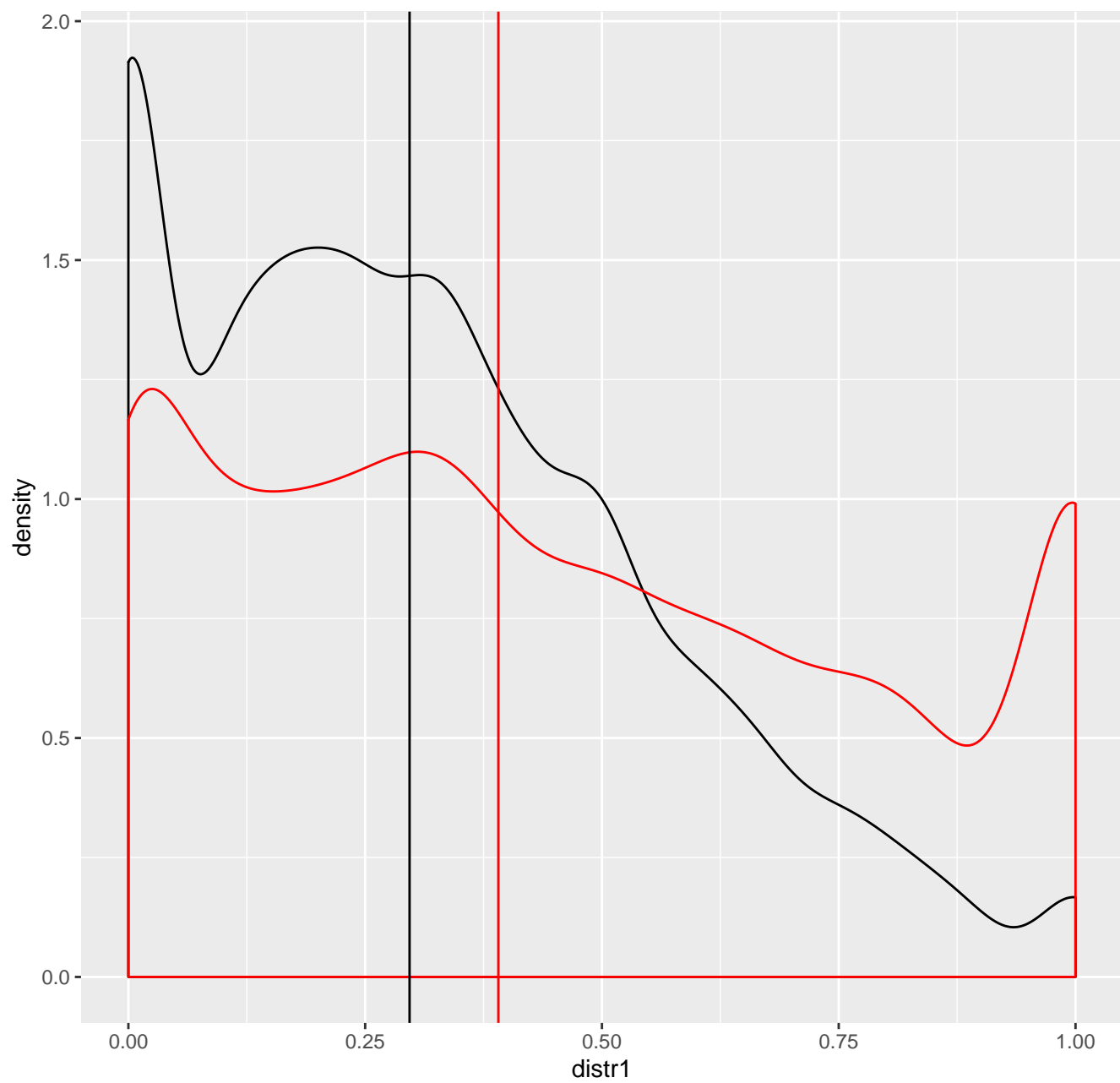
response distribution $X_2|Y=0$



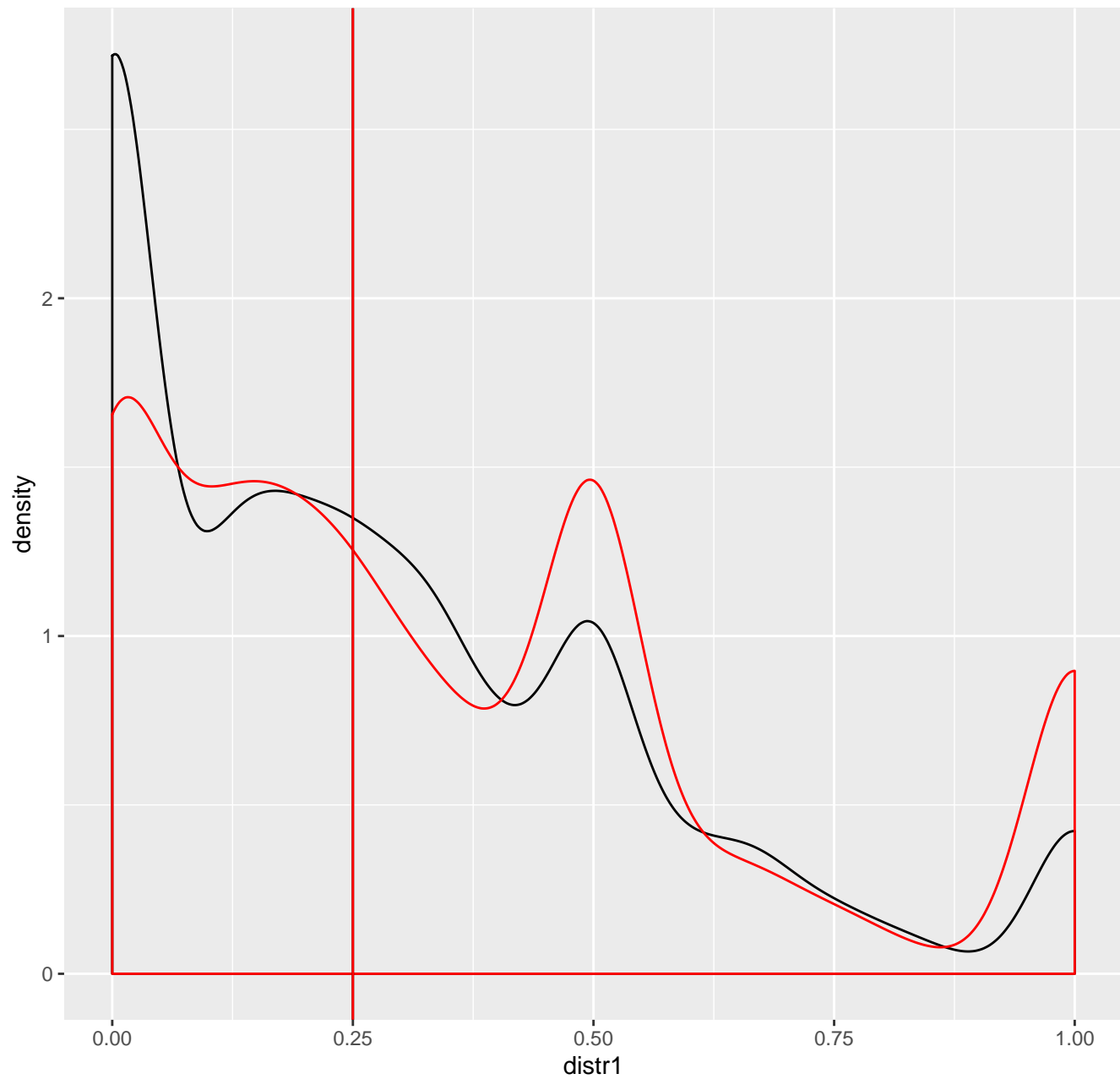
response distribution $X_2|Y==1$



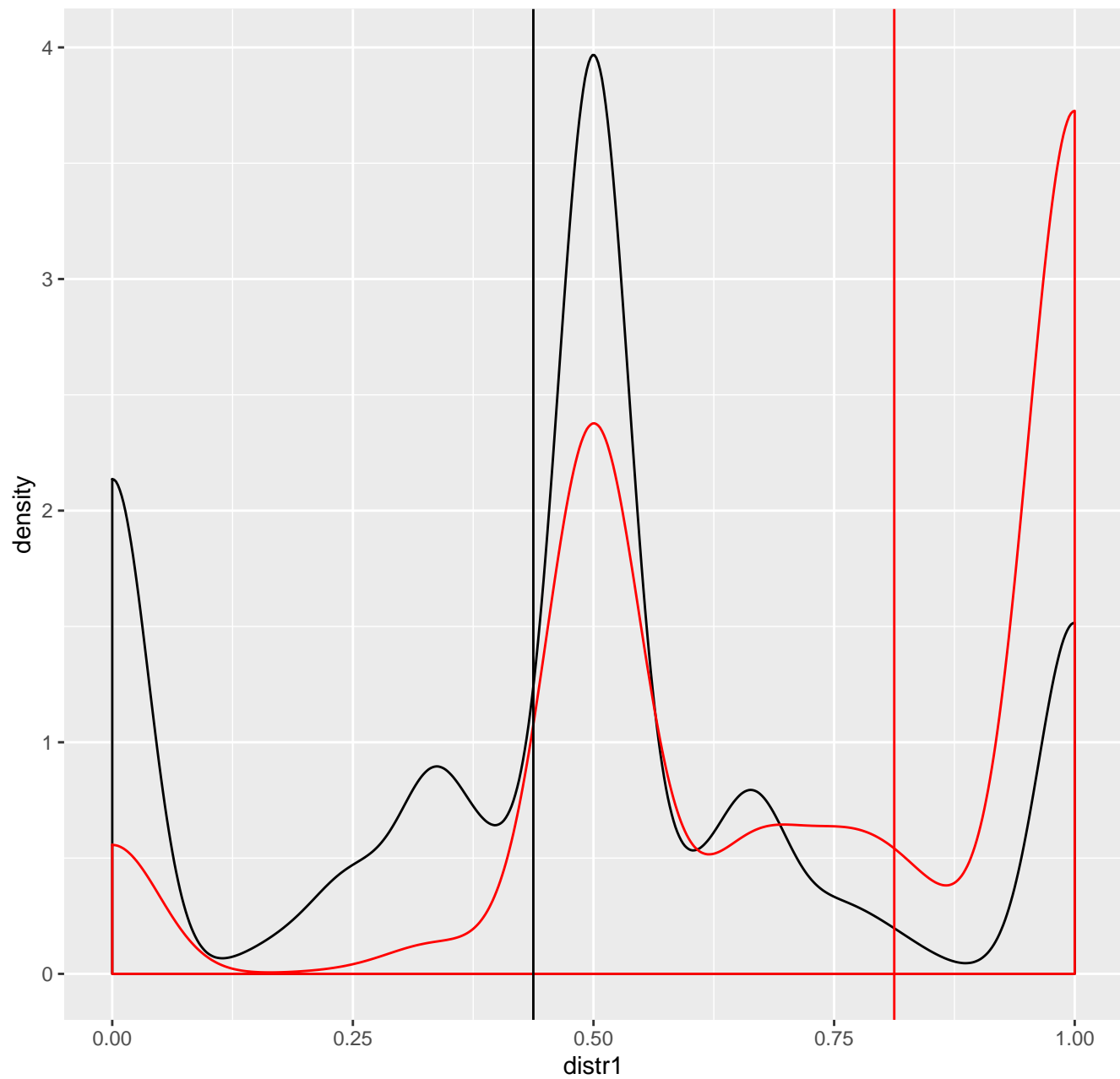
response distribution $X_2|X_1=0$



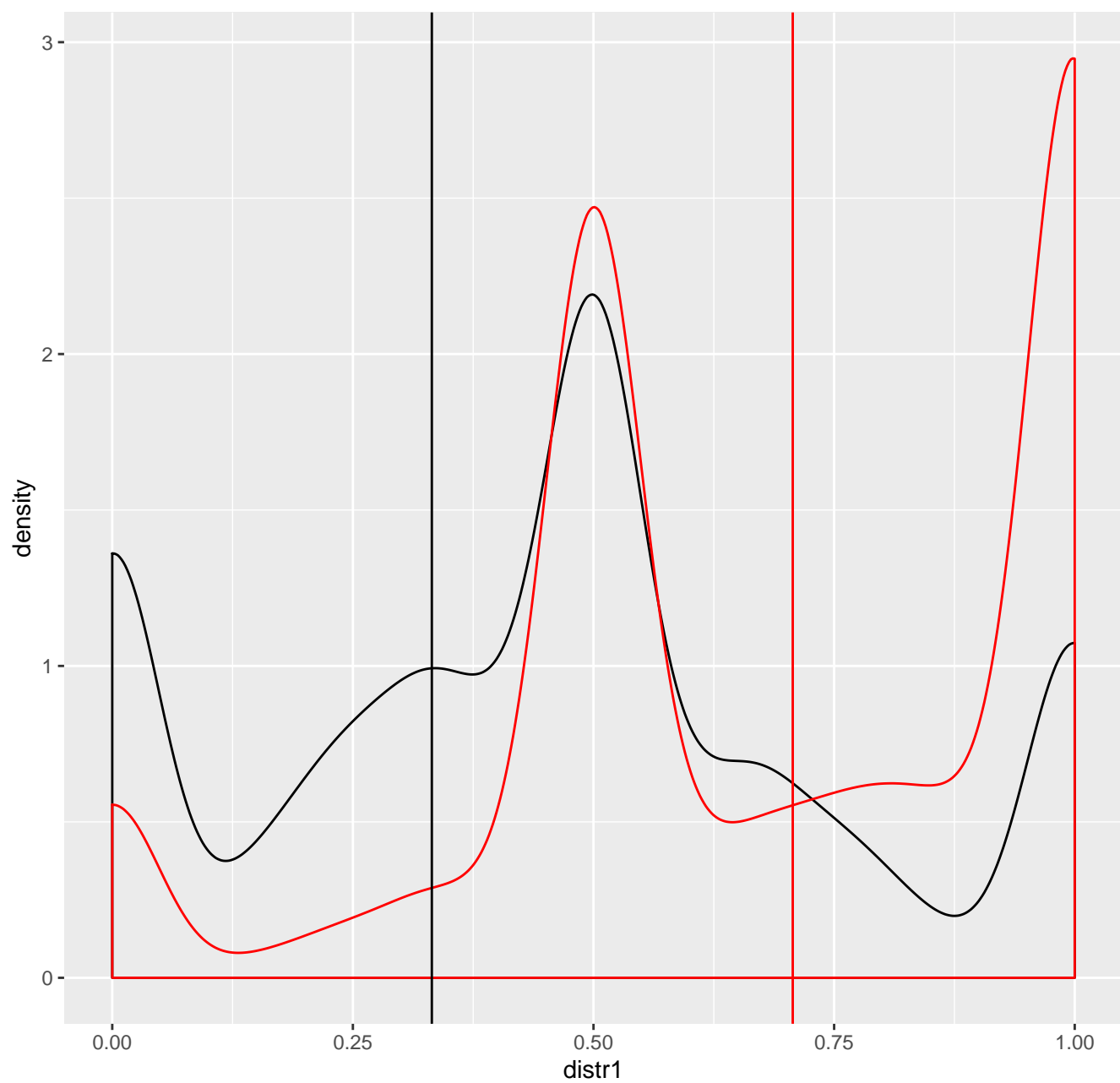
response distribution $X_2|Y==0 \text{ \& } X_1==0$



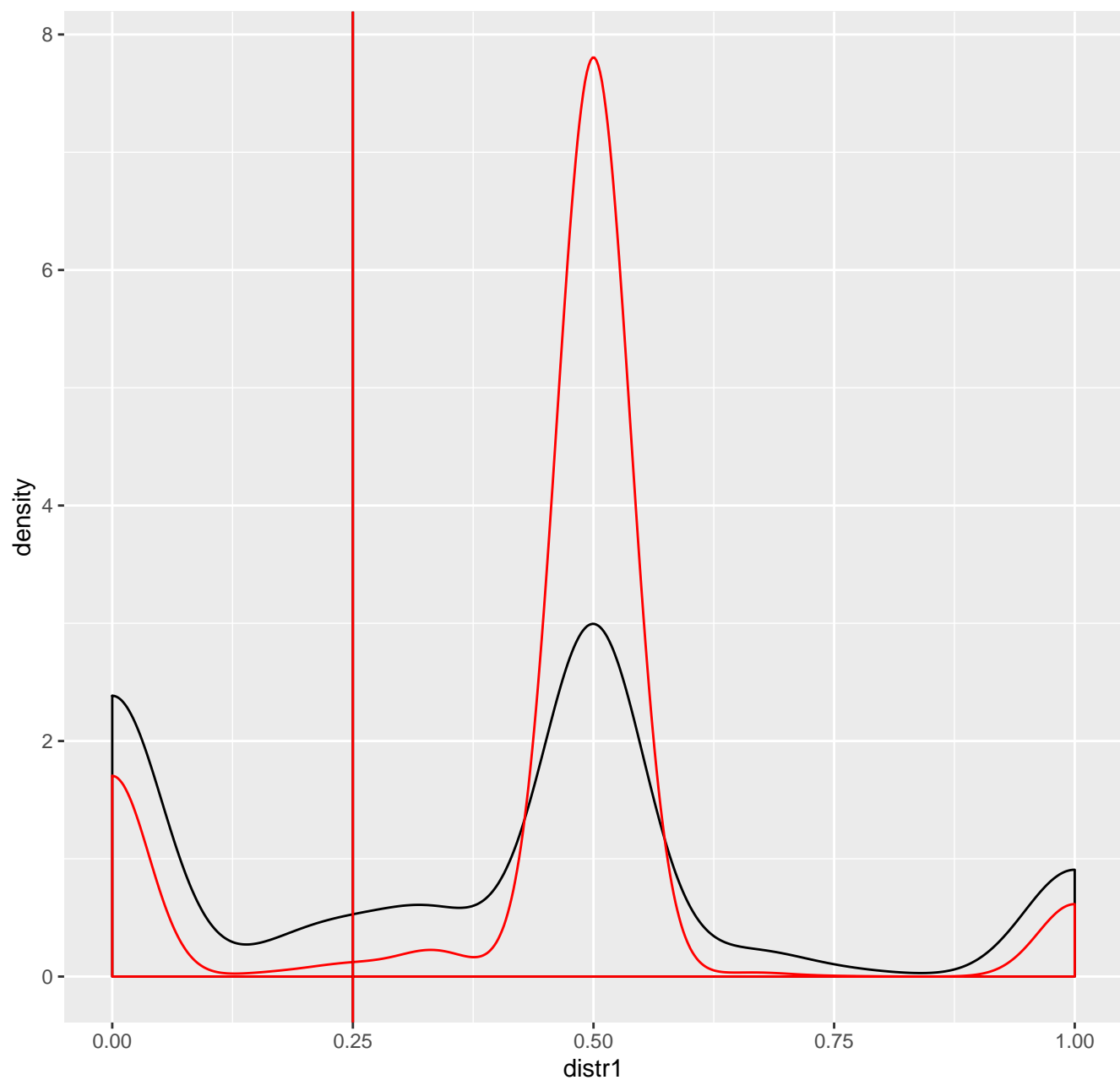
response distribution $X_2|Y==1 \text{ \& } X_1==0$



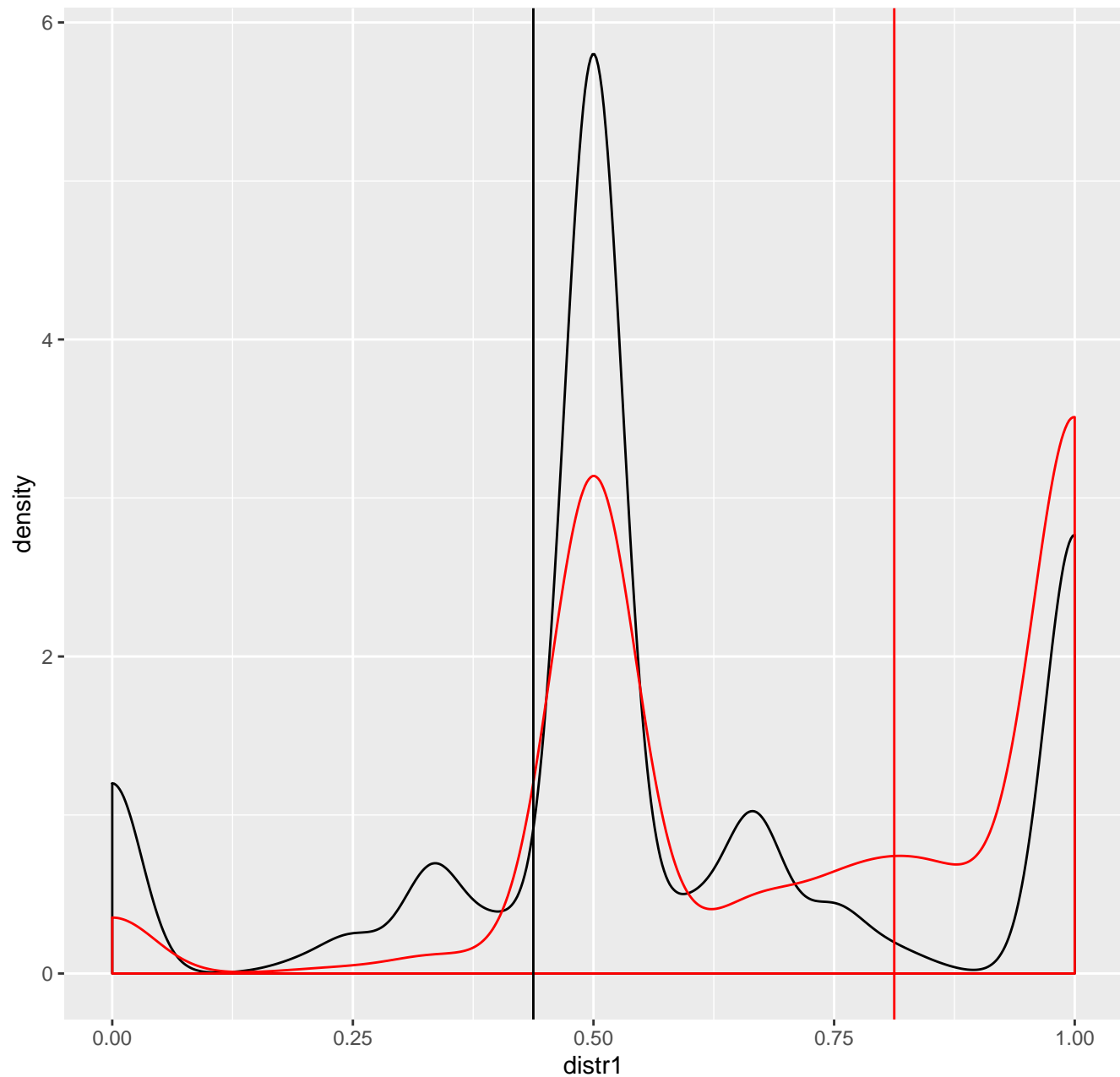
response distribution $X_2|X_1==1$



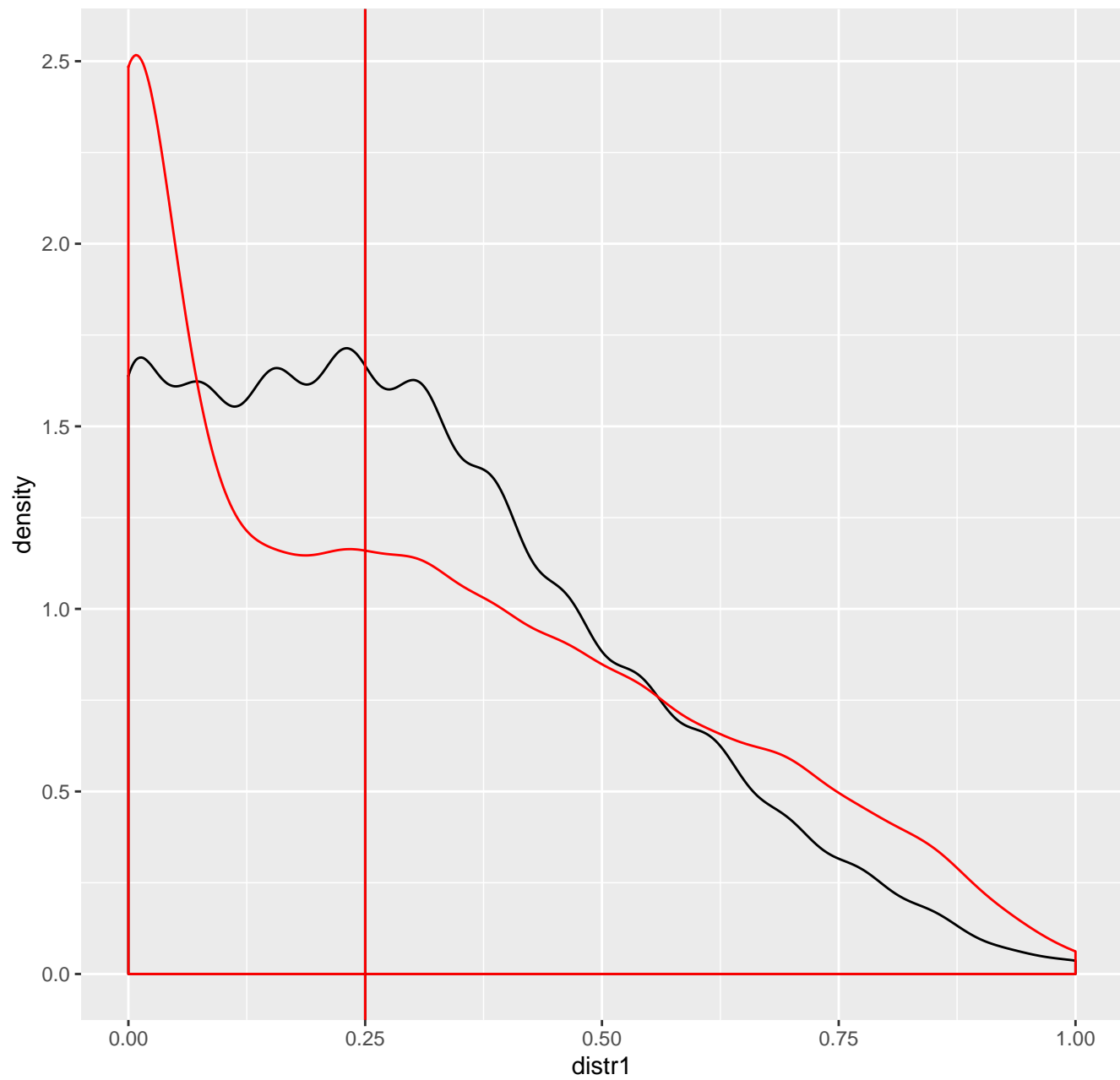
response distribution $X_2|Y==0$ & $X_1==1$



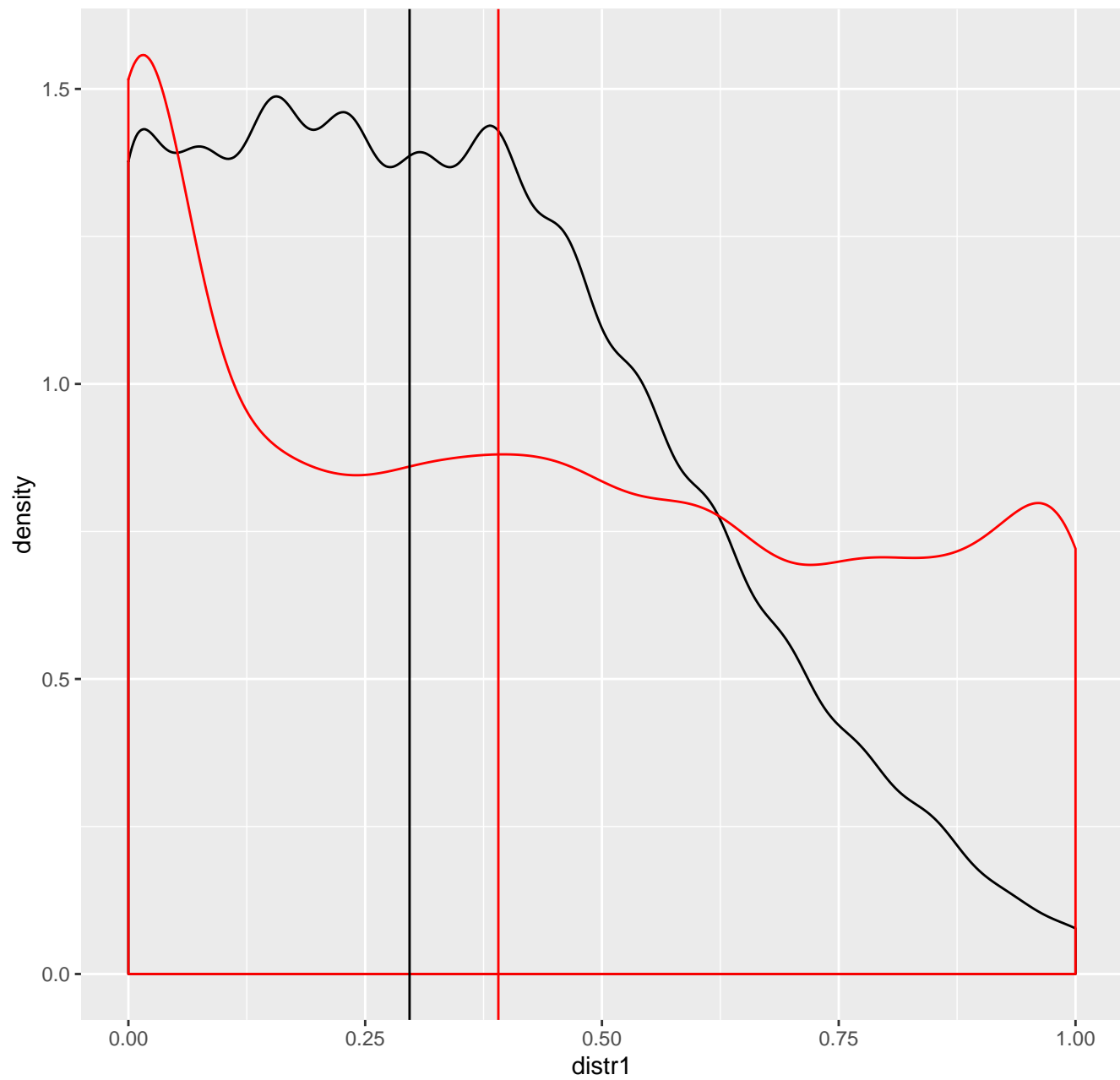
response distribution $X_2|Y==1$ & $X_1==1$



response distribution X1



response distribution Y



response distribution X2

