

Input parameters (black lines)

input joint distr

nSamps

5000

bs\_conc

10

ms\_conc

10

model

parameter variability no

betavar

0

causal strengths

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

baserates 0.25 0.25 0.25

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

mean sim joint distr

X1	Y	X2	p
1	1	1	0.129213640176702
1	1	0	0.0694712004873481
1	0	1	0.0318928118449777
1	0	0	0.0733833402794306
0	1	1	0.138788437700599
0	1	0	0.0745992822275108
0	0	1	0.144801393534855
0	0	0	0.337849893748576

Input parameters (red lines)

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

nSamps

5000

mean sim joint distr

NA	NA
NA	NA

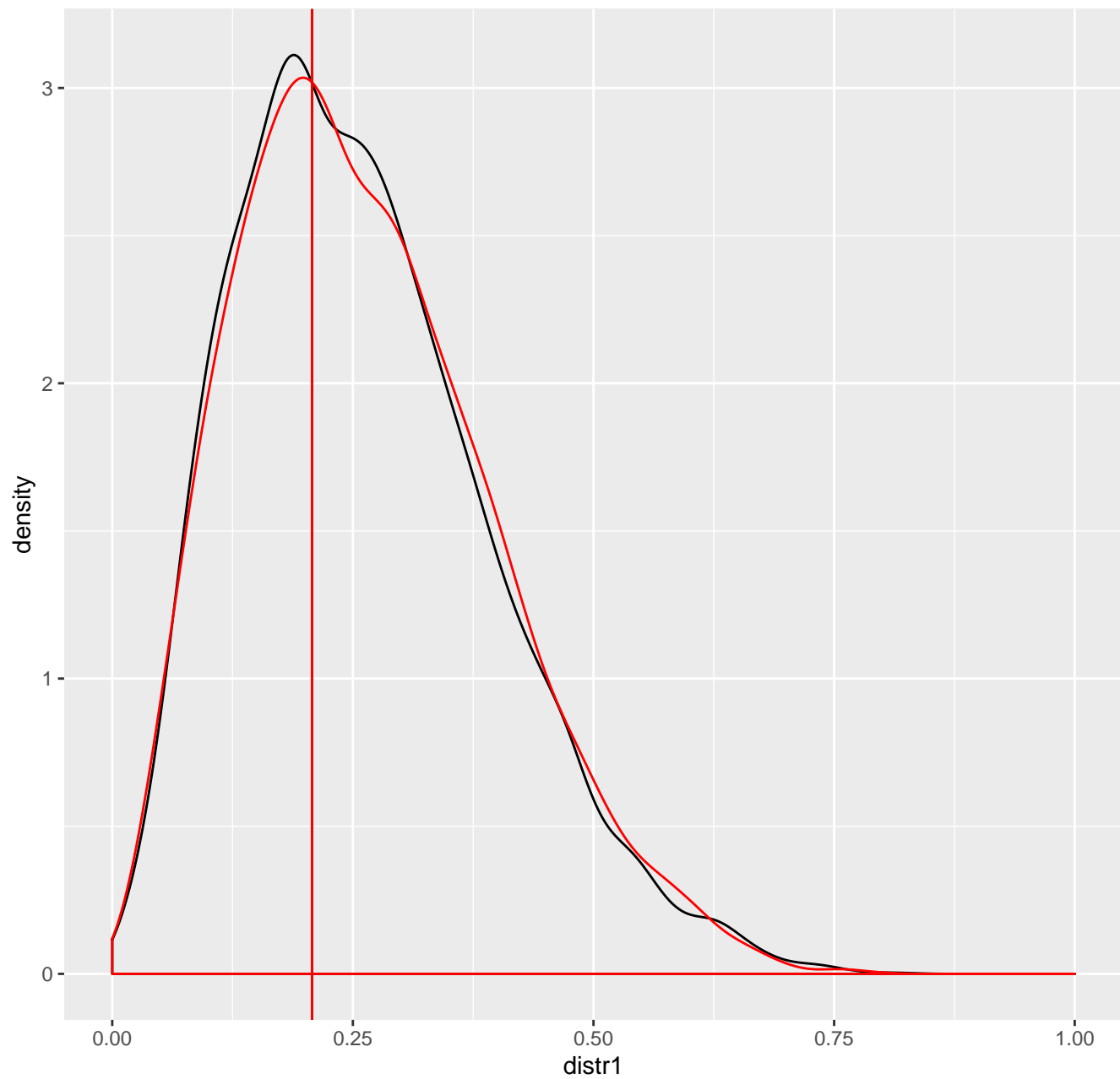
concentration

10

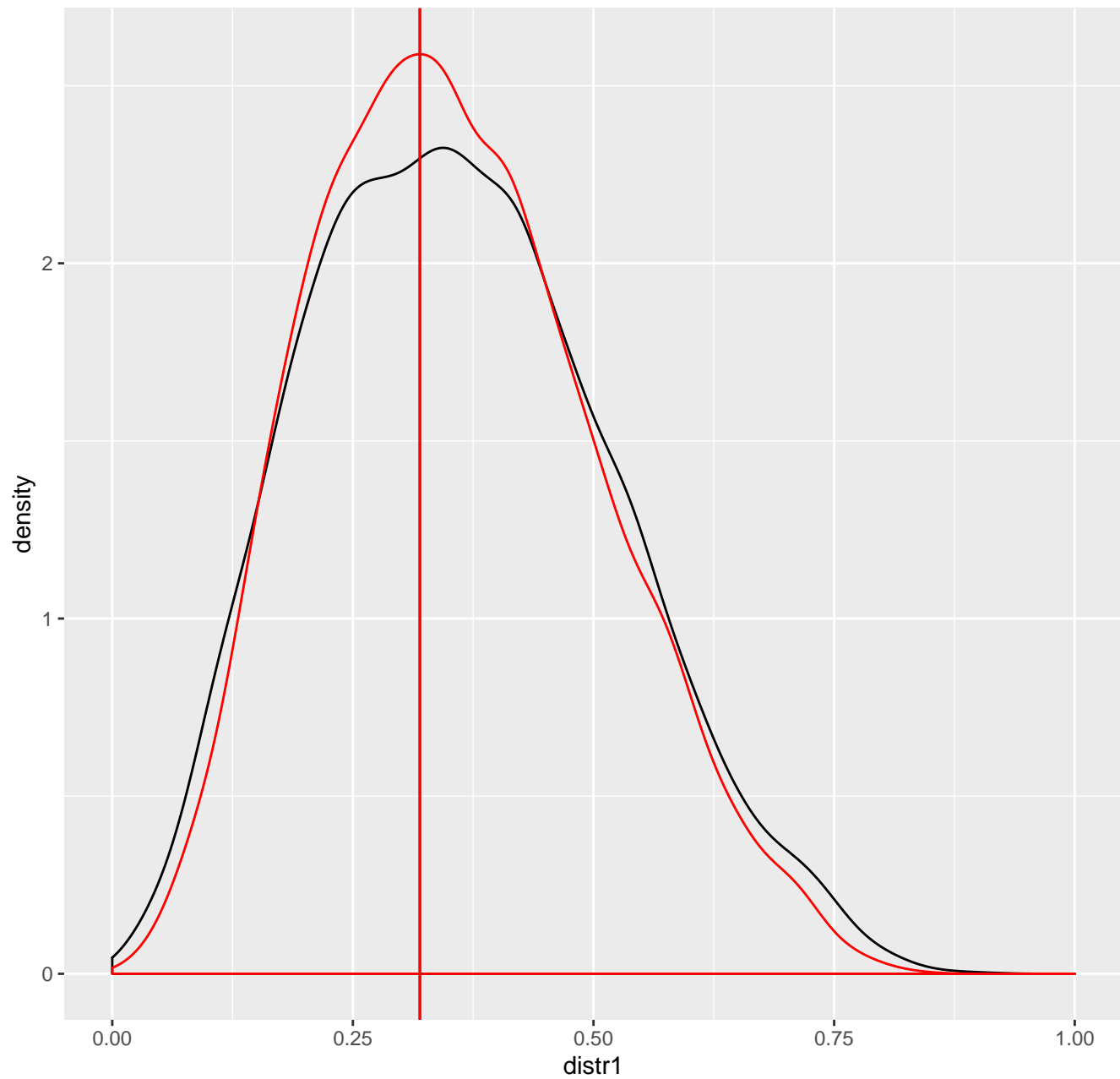
model

Beta distr normative inference

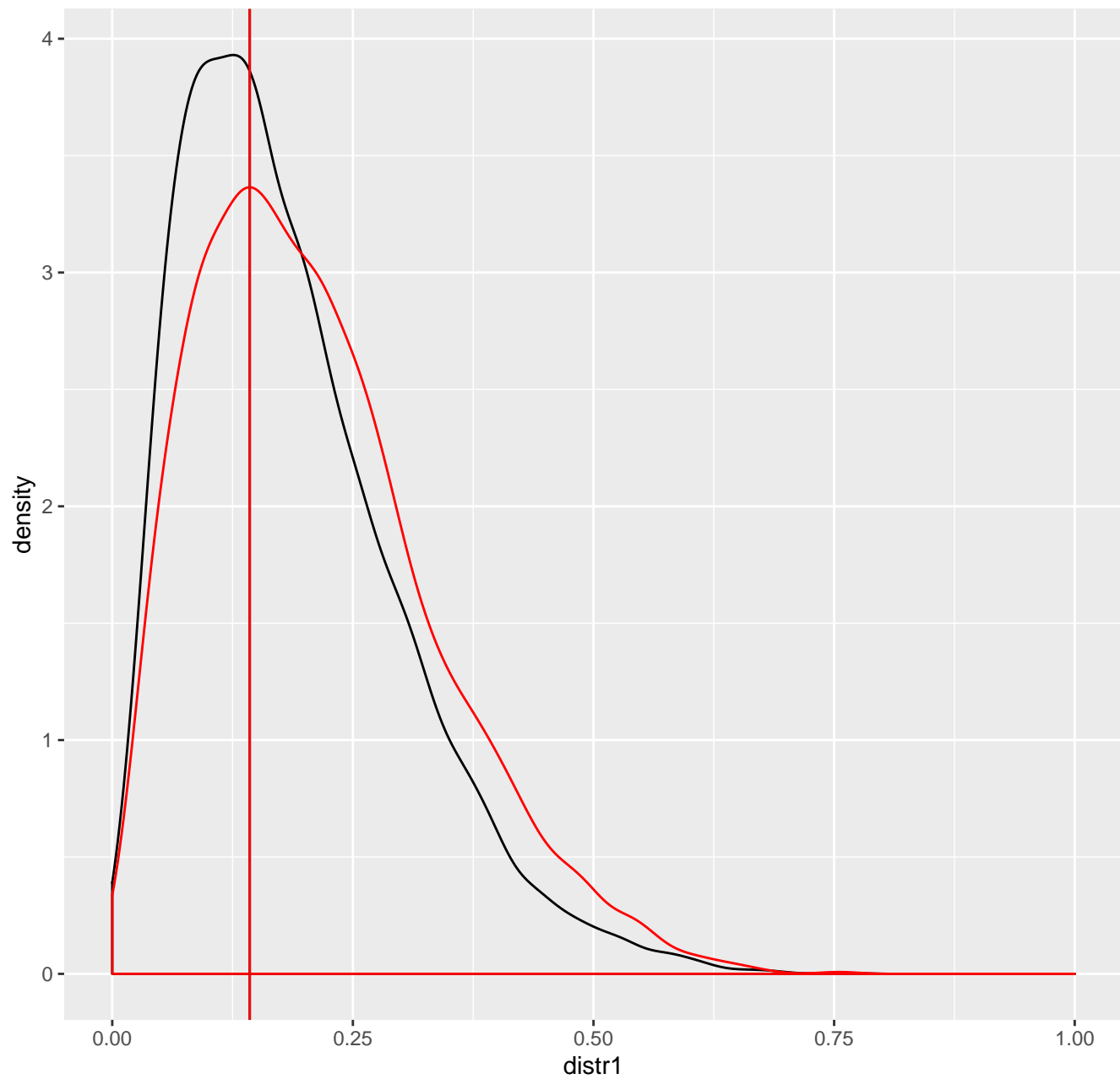
response distribution  $X_1|X_2==0$



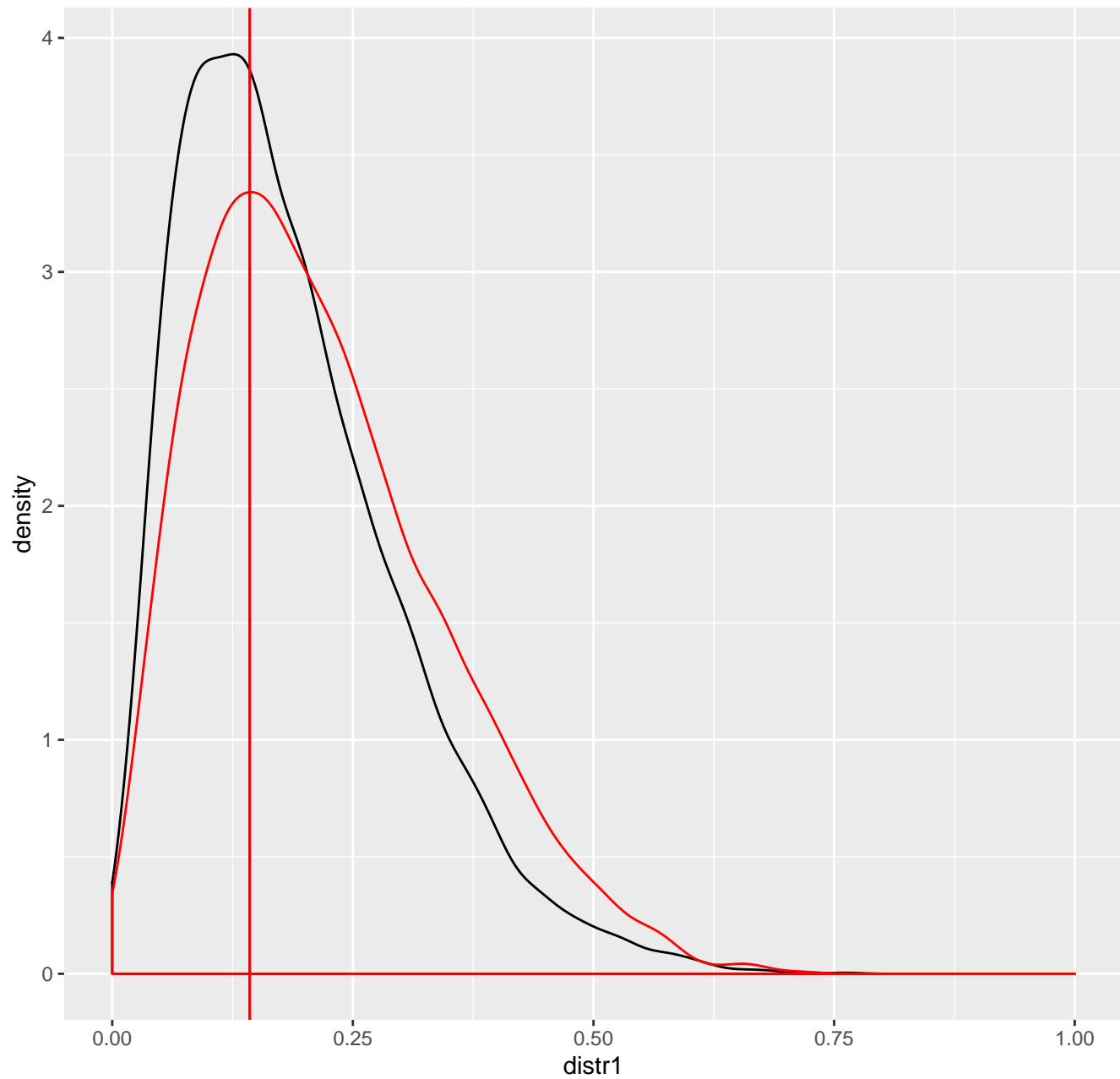
response distribution  $X_1|X_2==1$



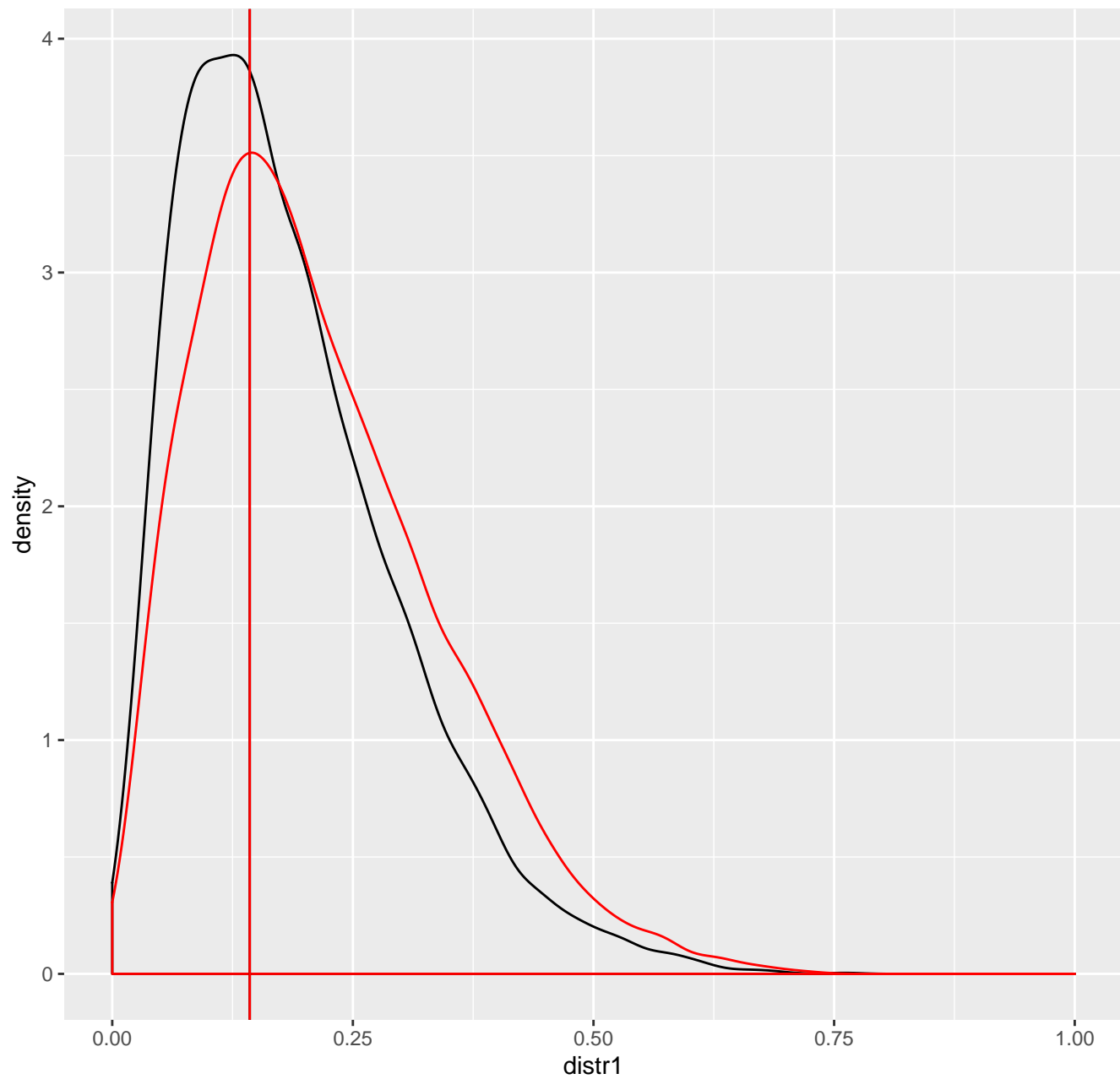
response distribution  $X_1|Y==0$



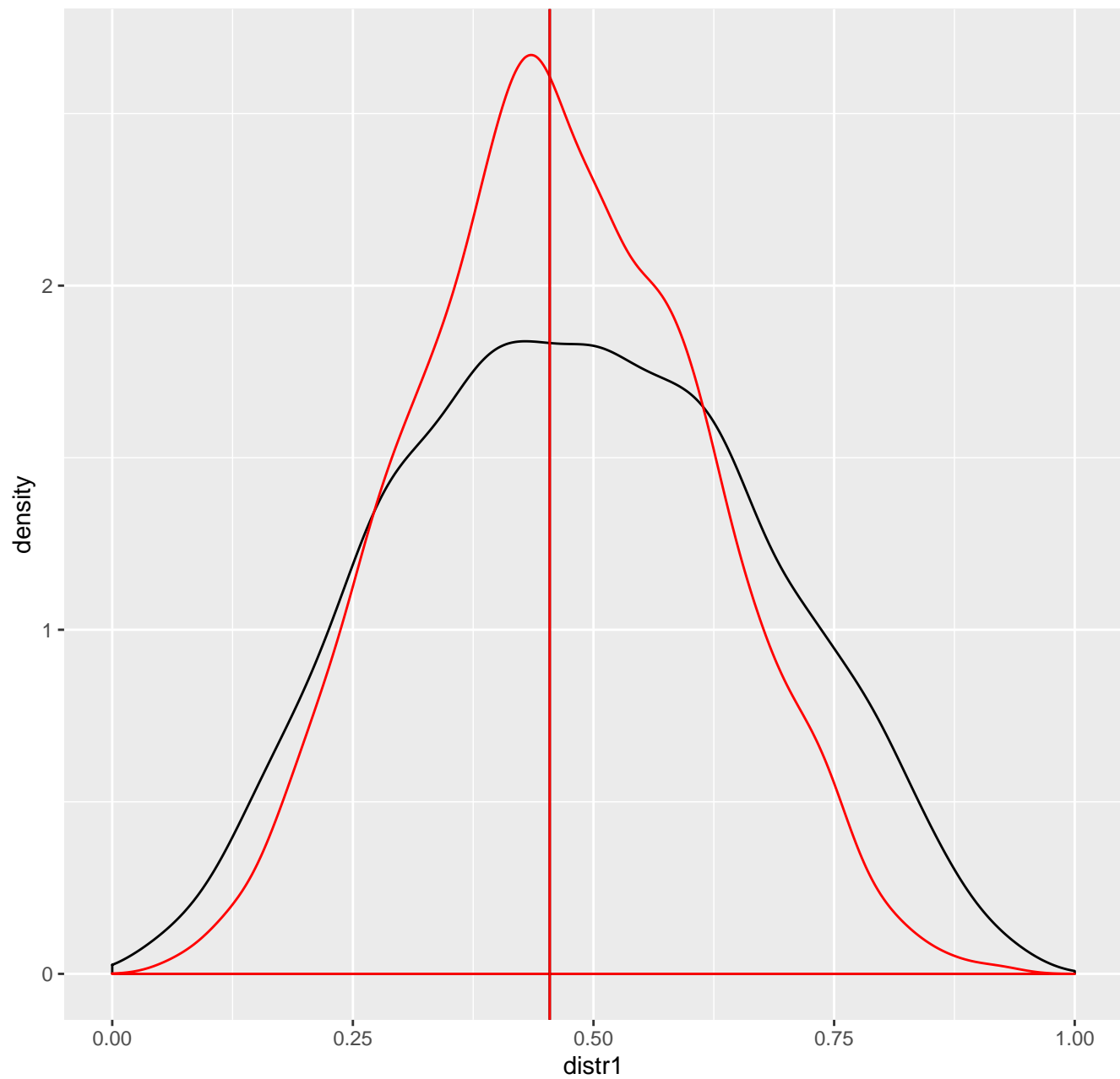
response distribution  $X1|Y==0$  &  $X2==0$



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

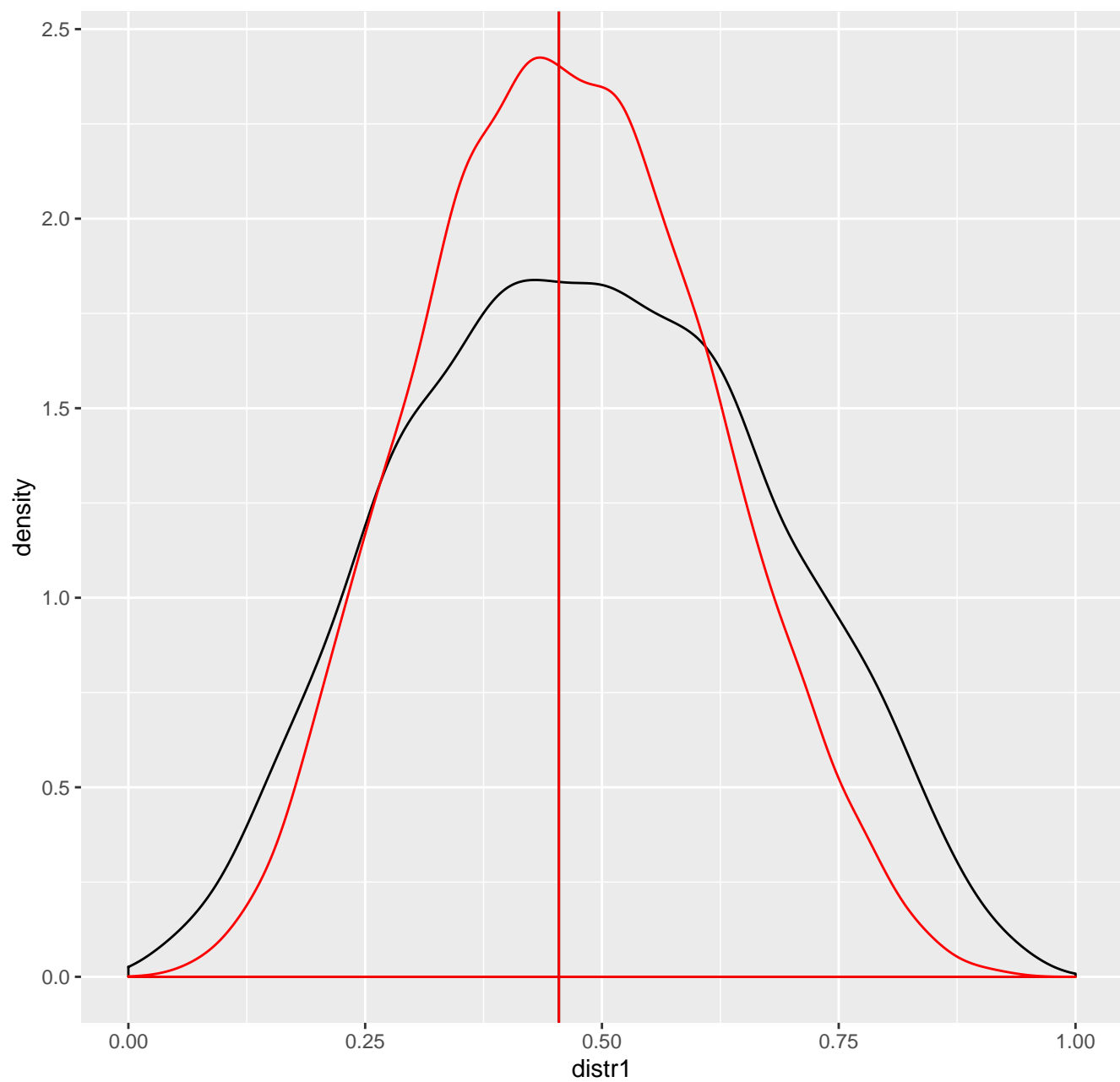


response distribution  $X1|Y==1$

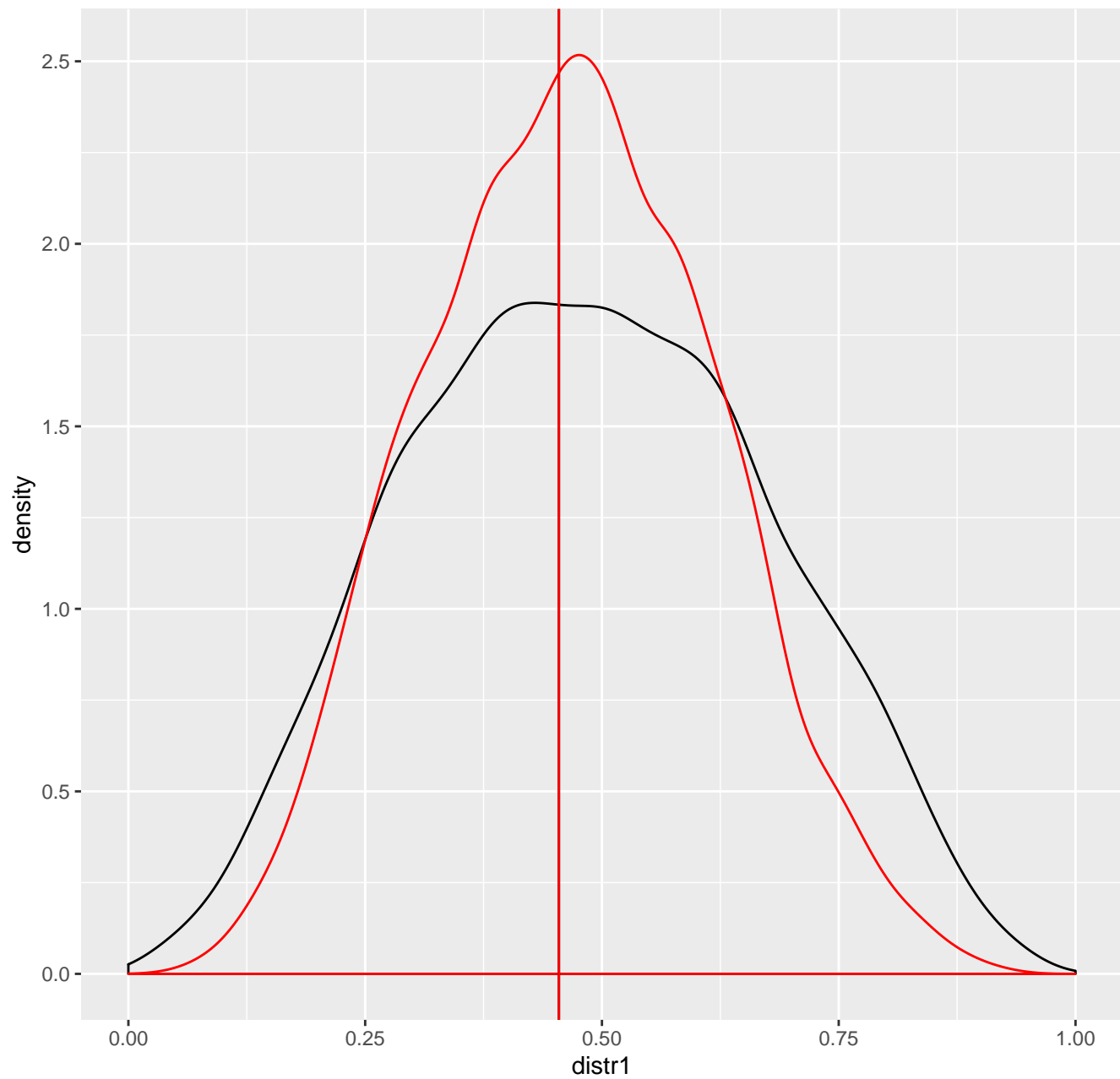




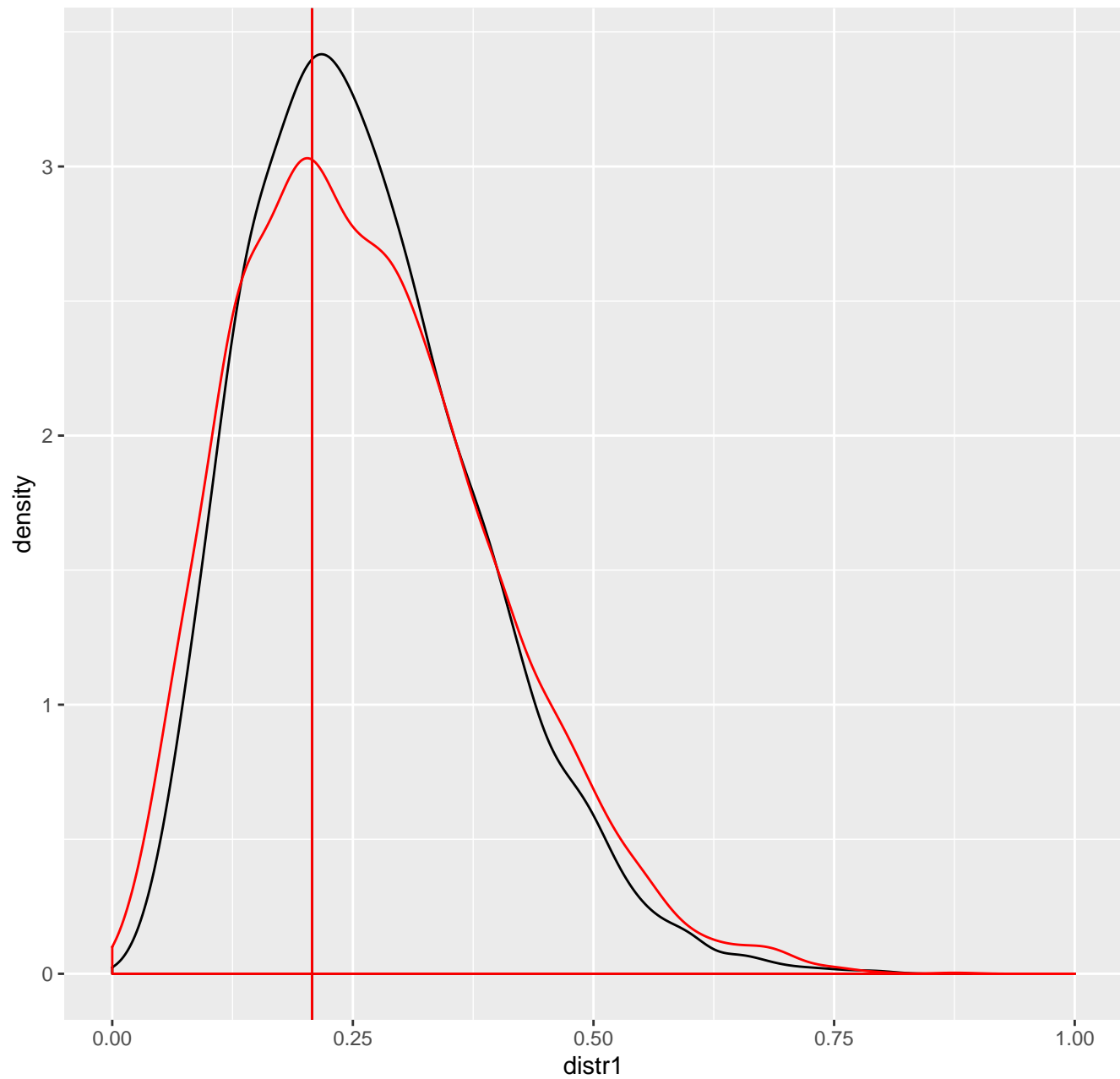
response distribution  $X1|Y==1$  &  $X2==0$



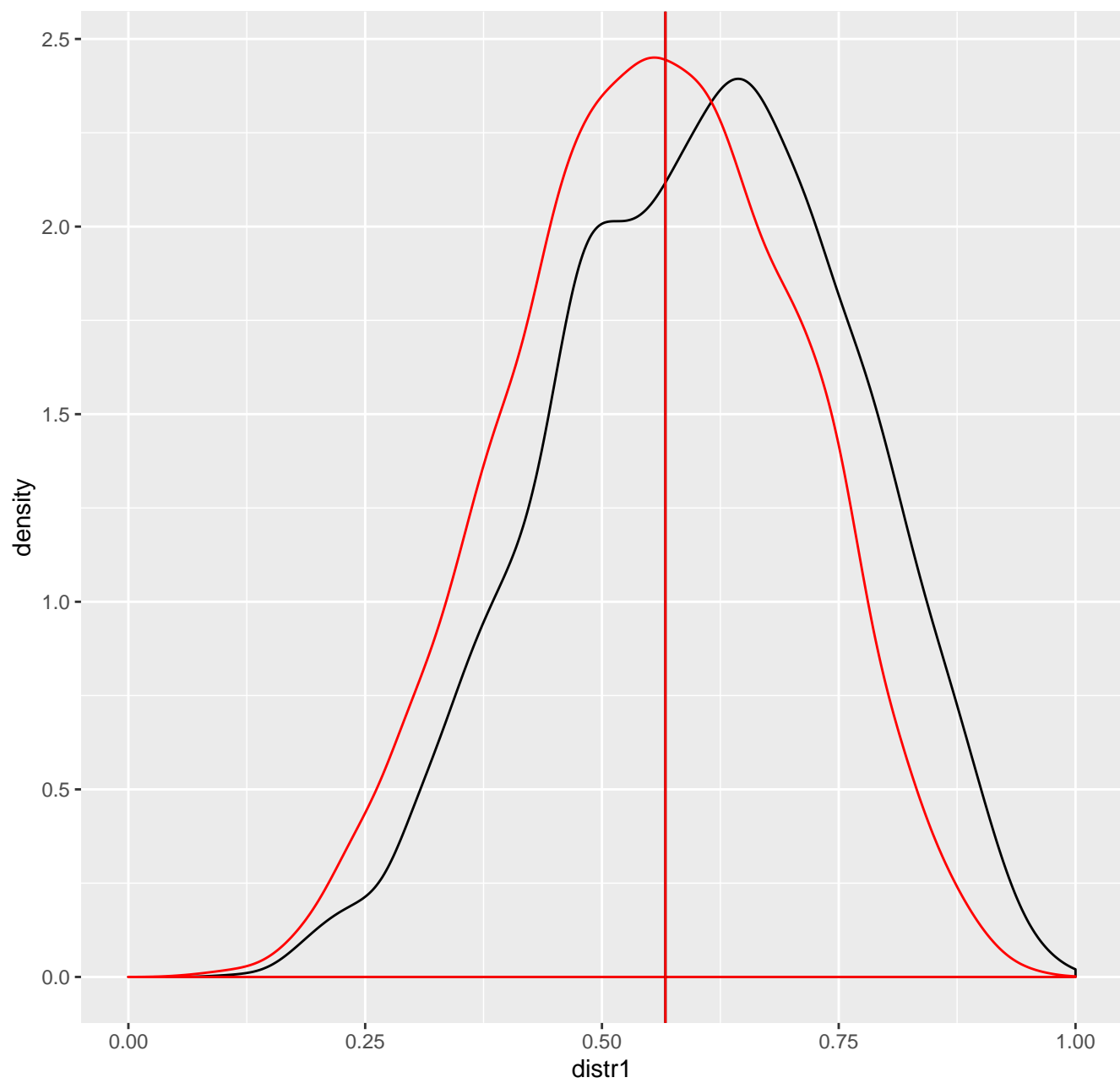
response distribution  $X1|Y==1$  &  $X2==1$



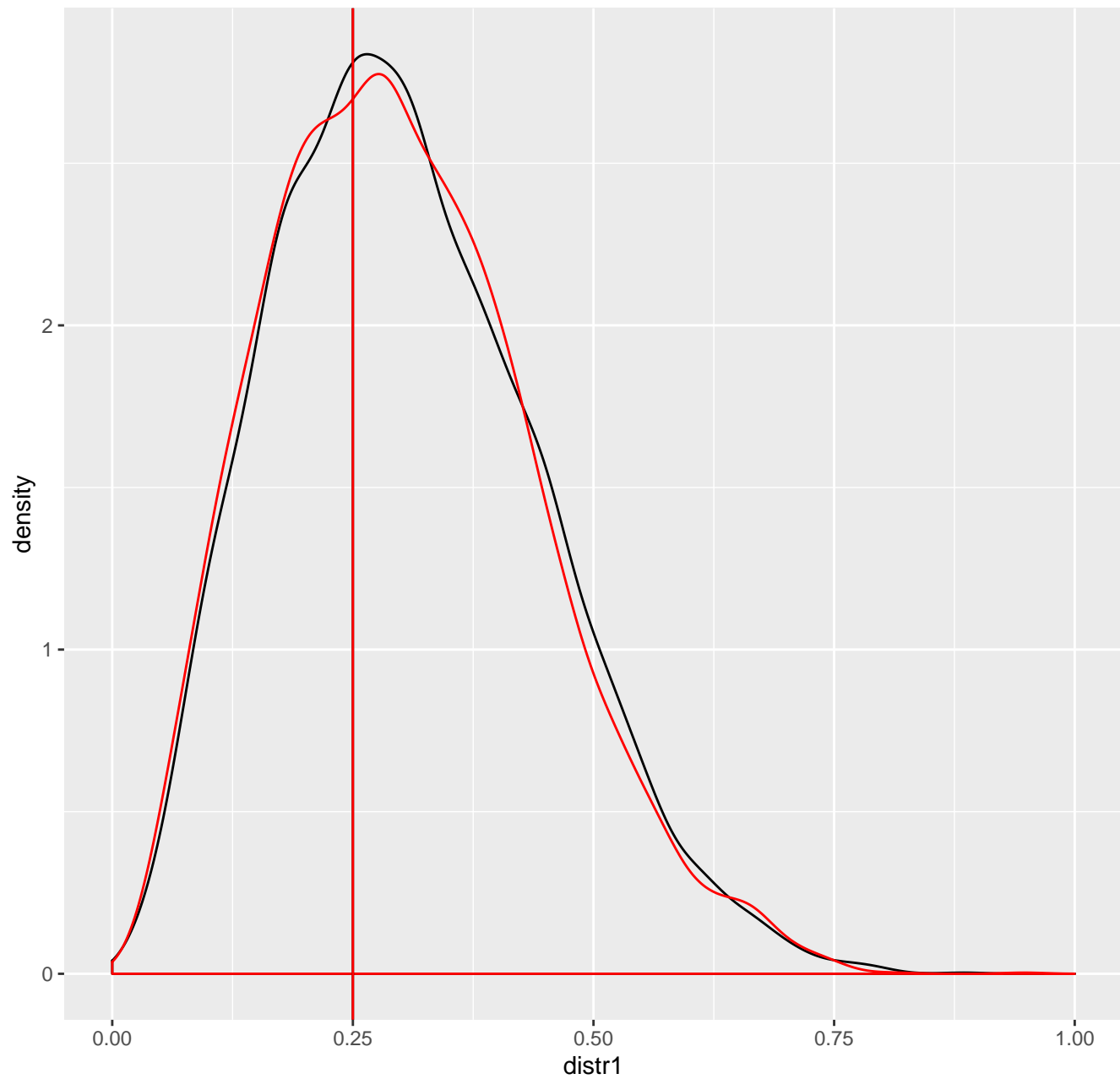
response distribution  $Y|X_2==0$



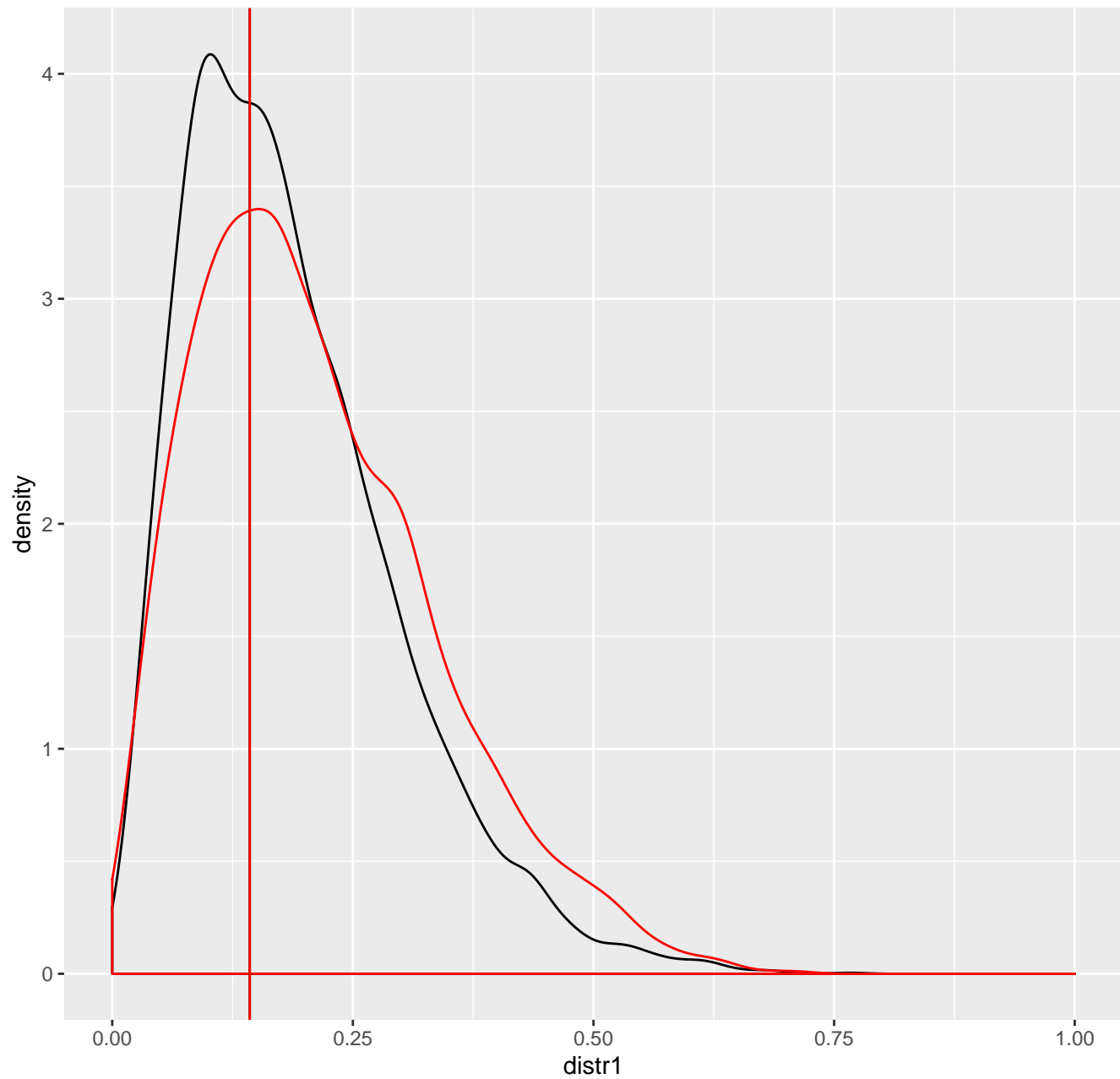
response distribution  $Y|X_2==1$



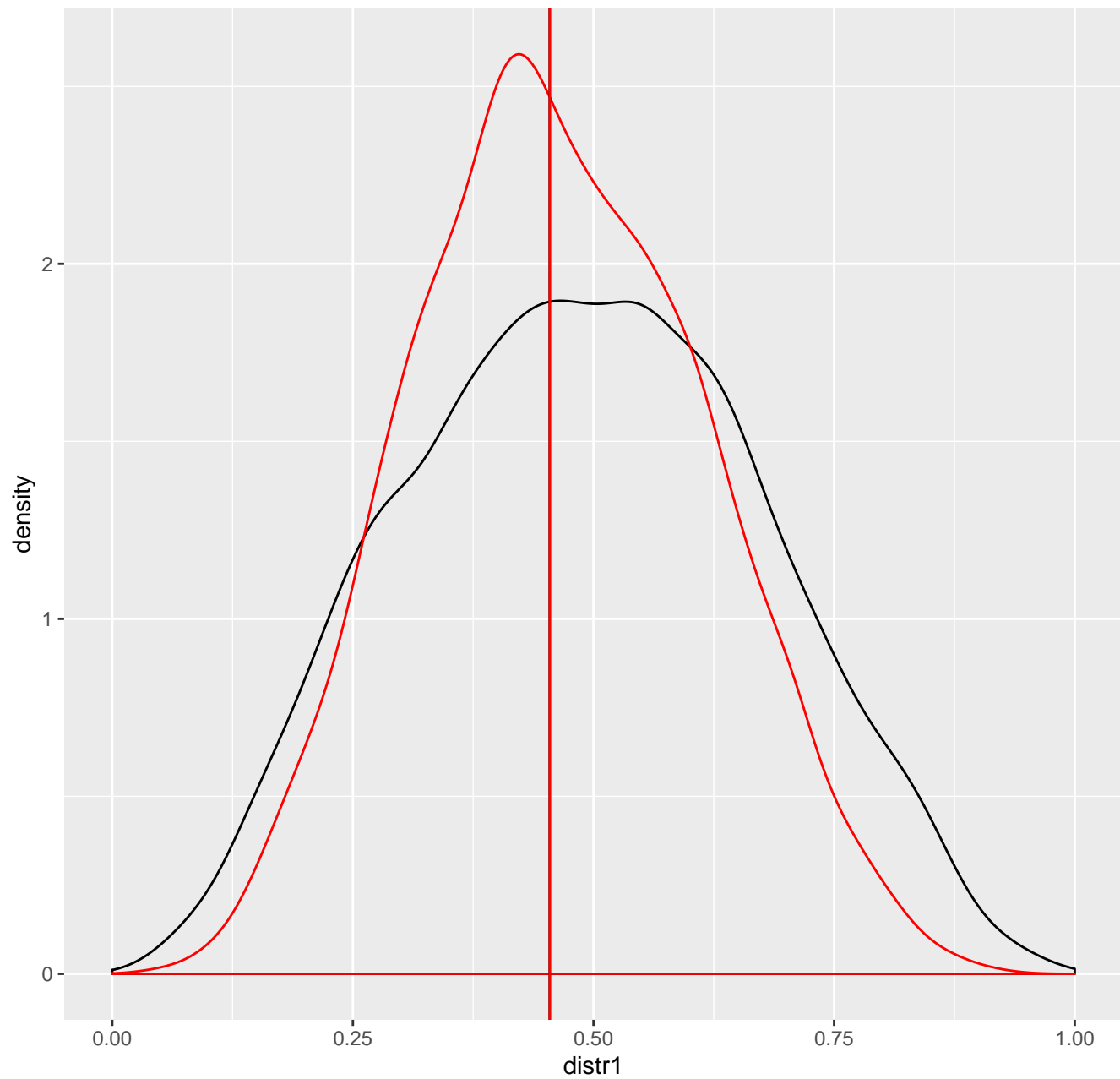
response distribution  $Y|X1==0$



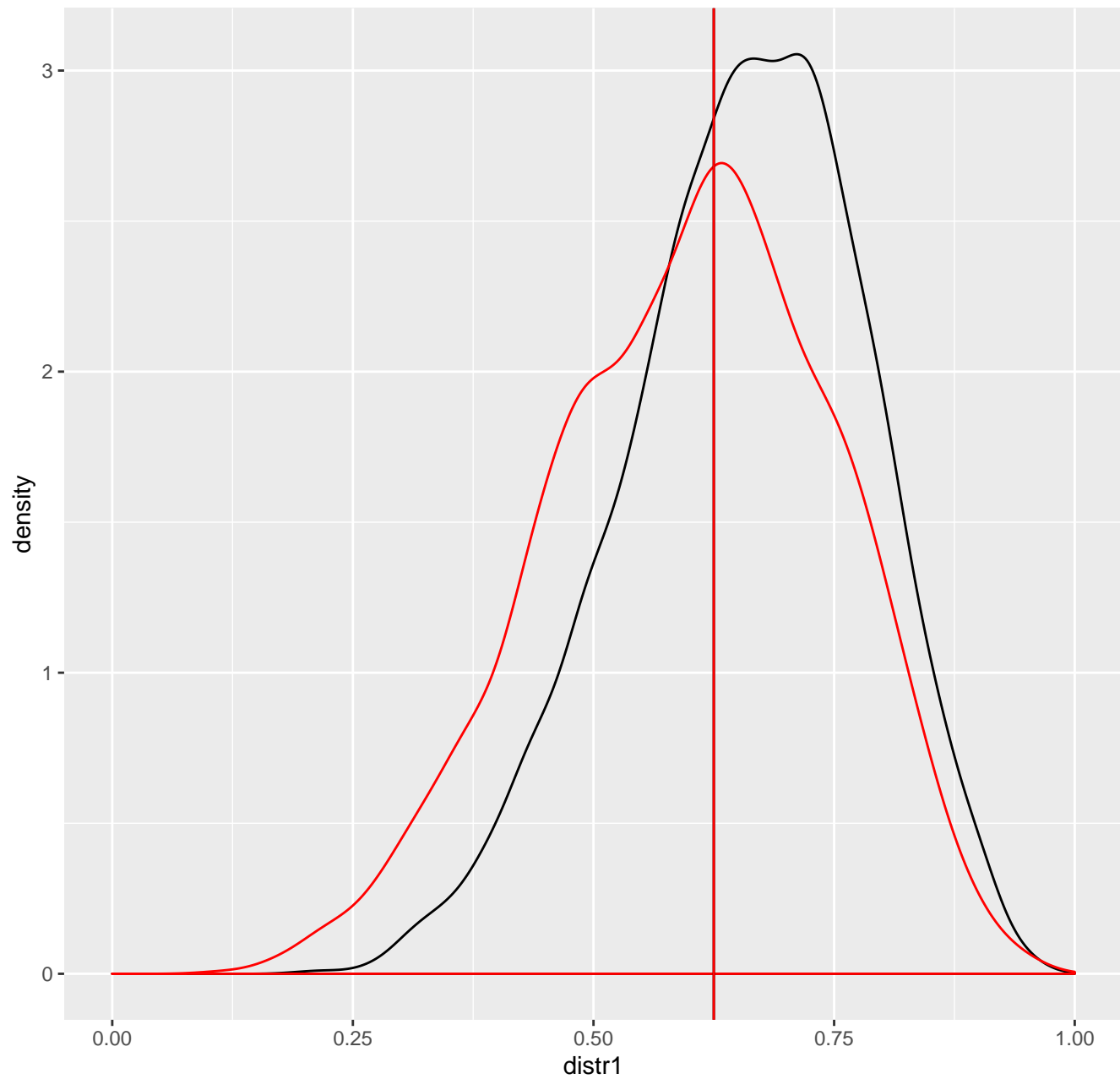
response distribution  $Y|X_1==0 \text{ \& } X_2==0$



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

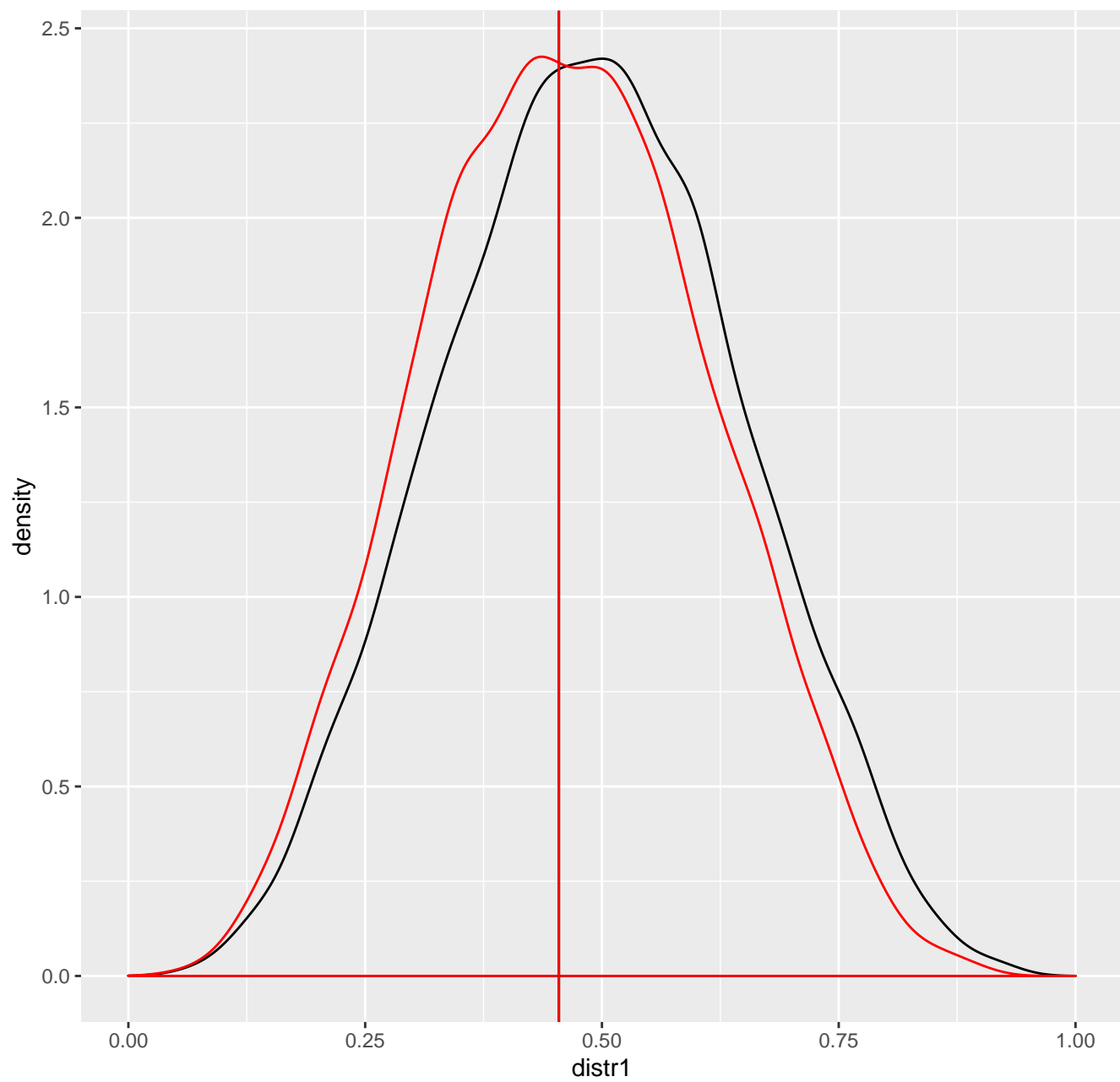


response distribution  $Y|X1==1$

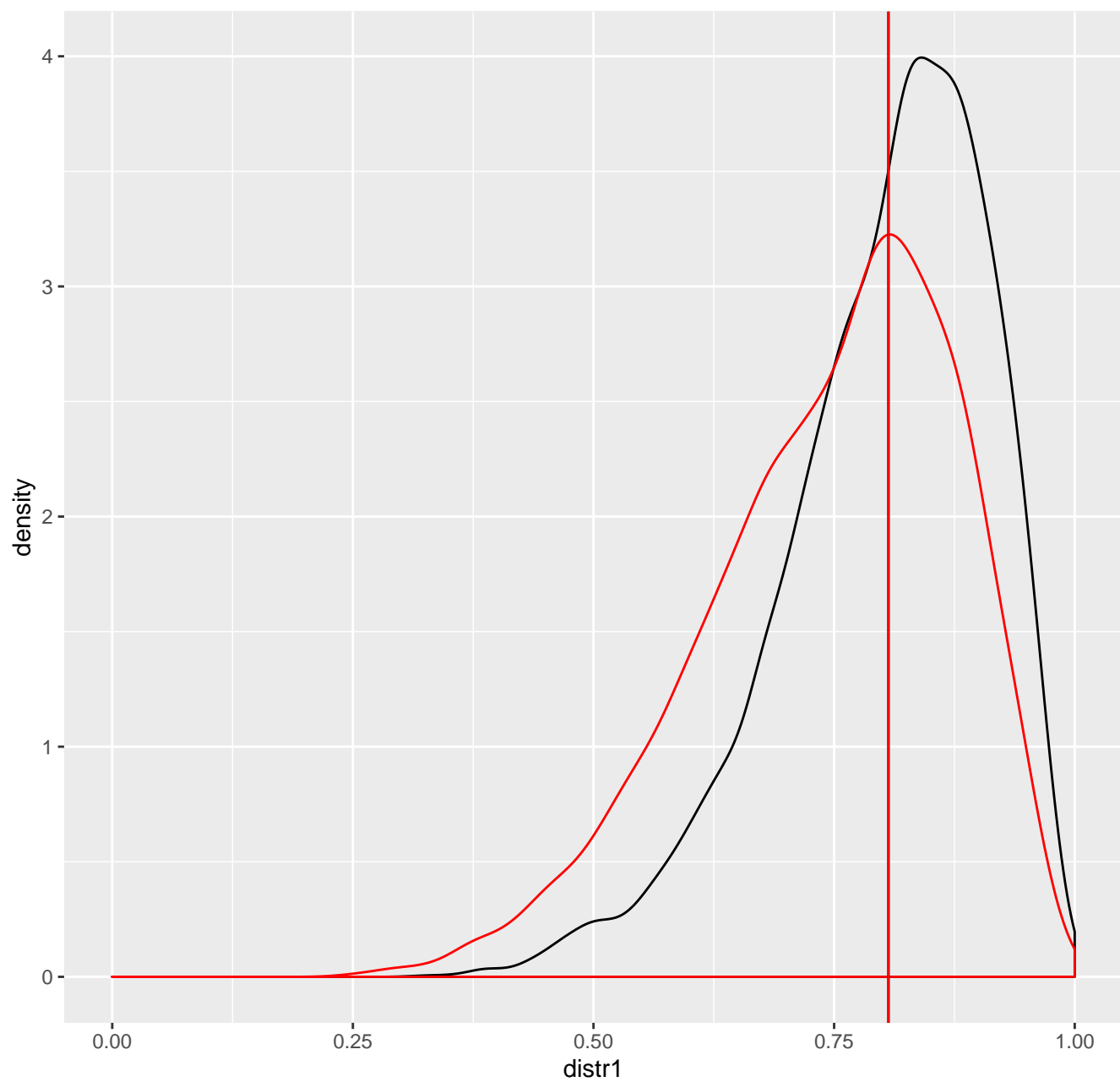




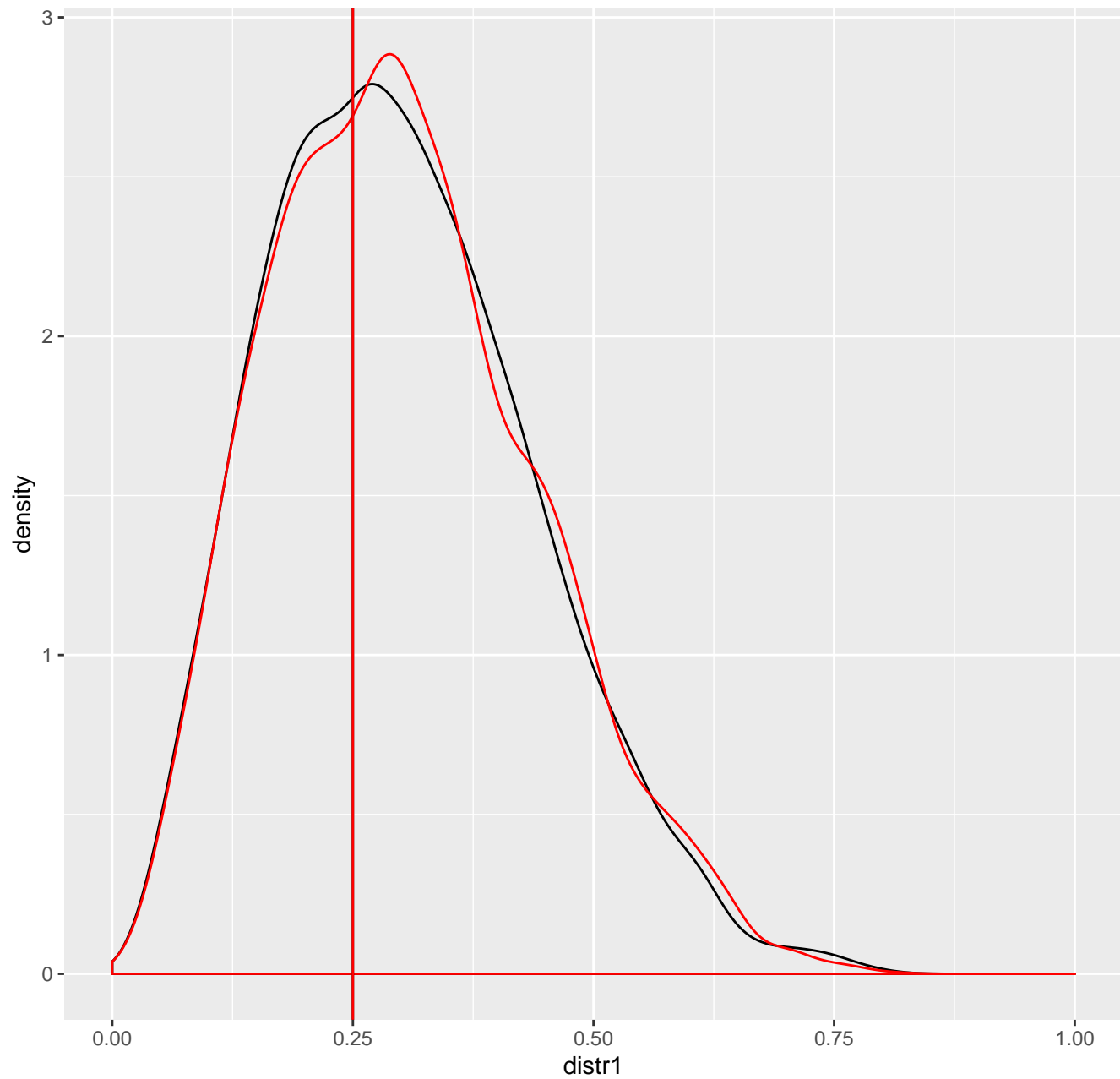
response distribution  $Y|X1==1 \text{ \& } X2==0$



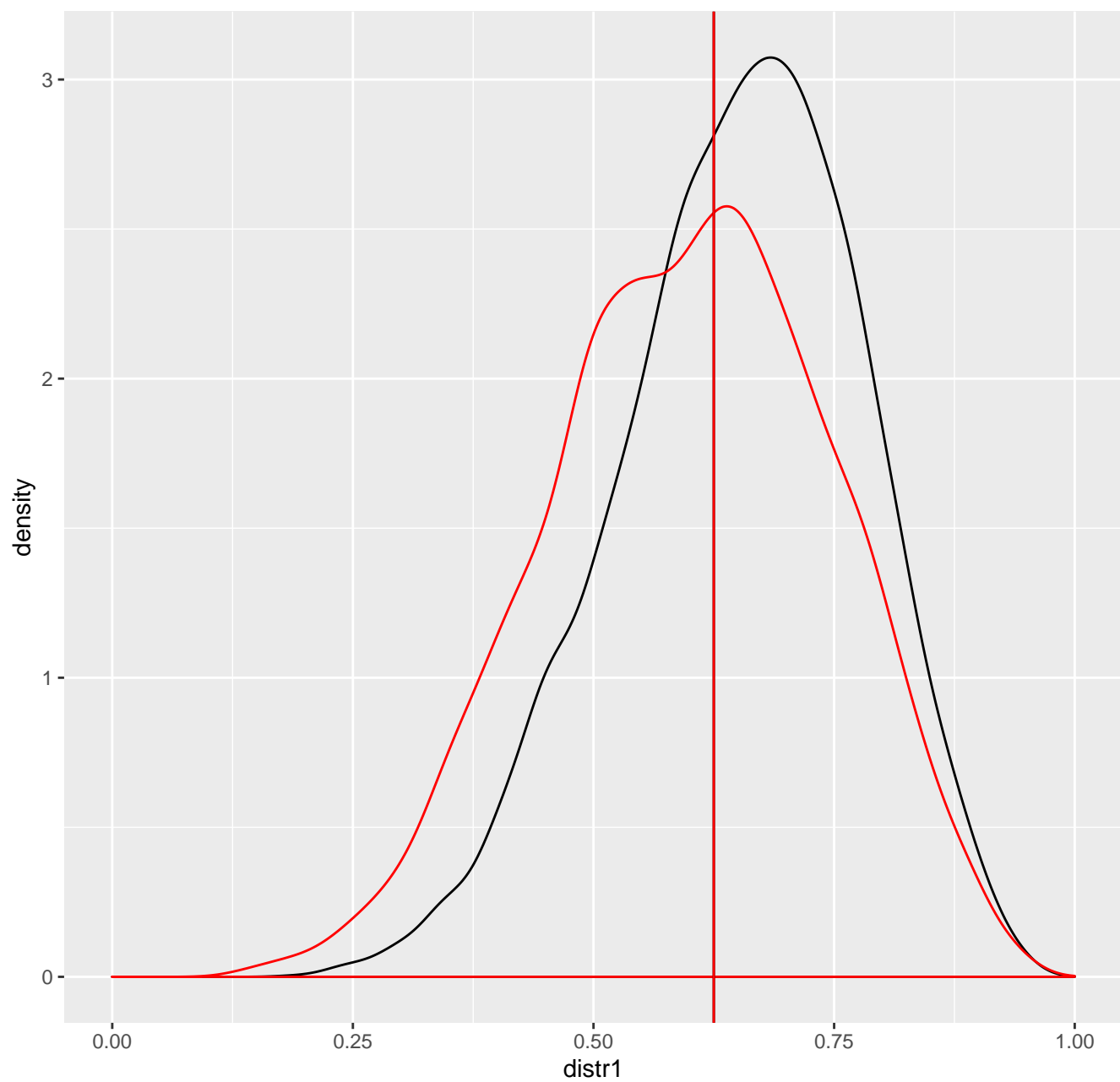
response distribution  $Y|X_1=1 \text{ \& } X_2=1$



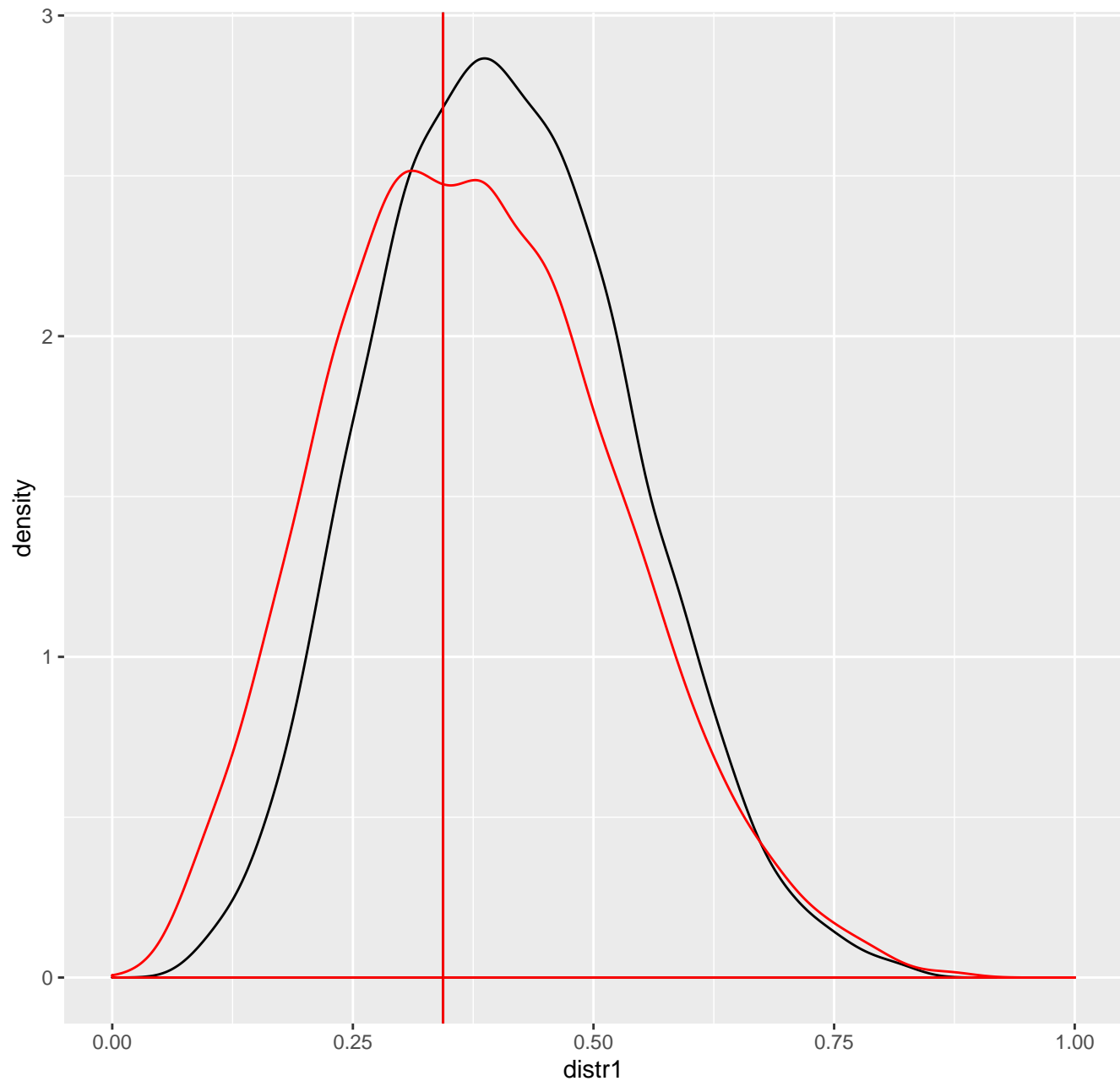
response distribution  $X_2|Y=0$



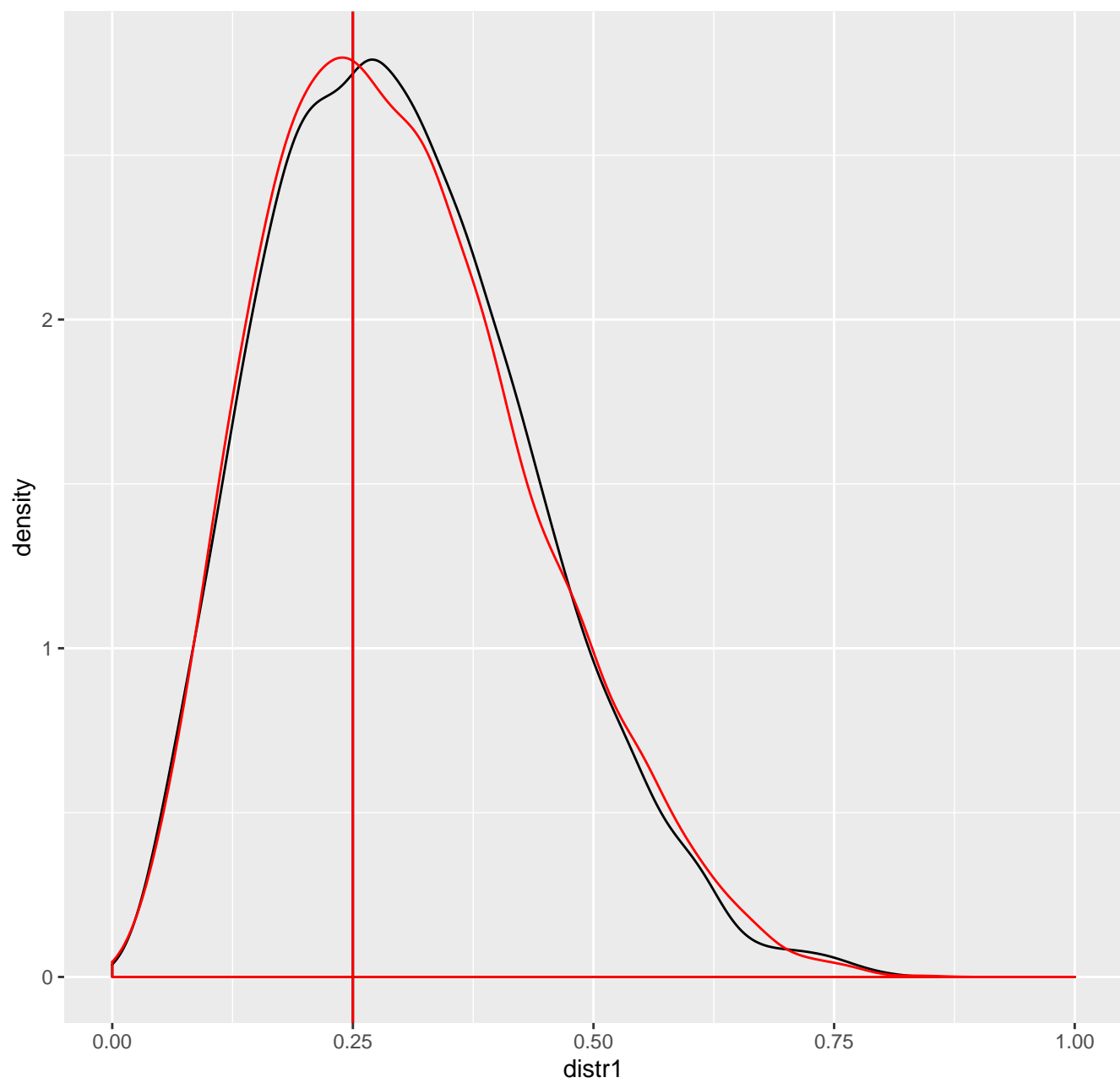
response distribution  $X_2|Y==1$



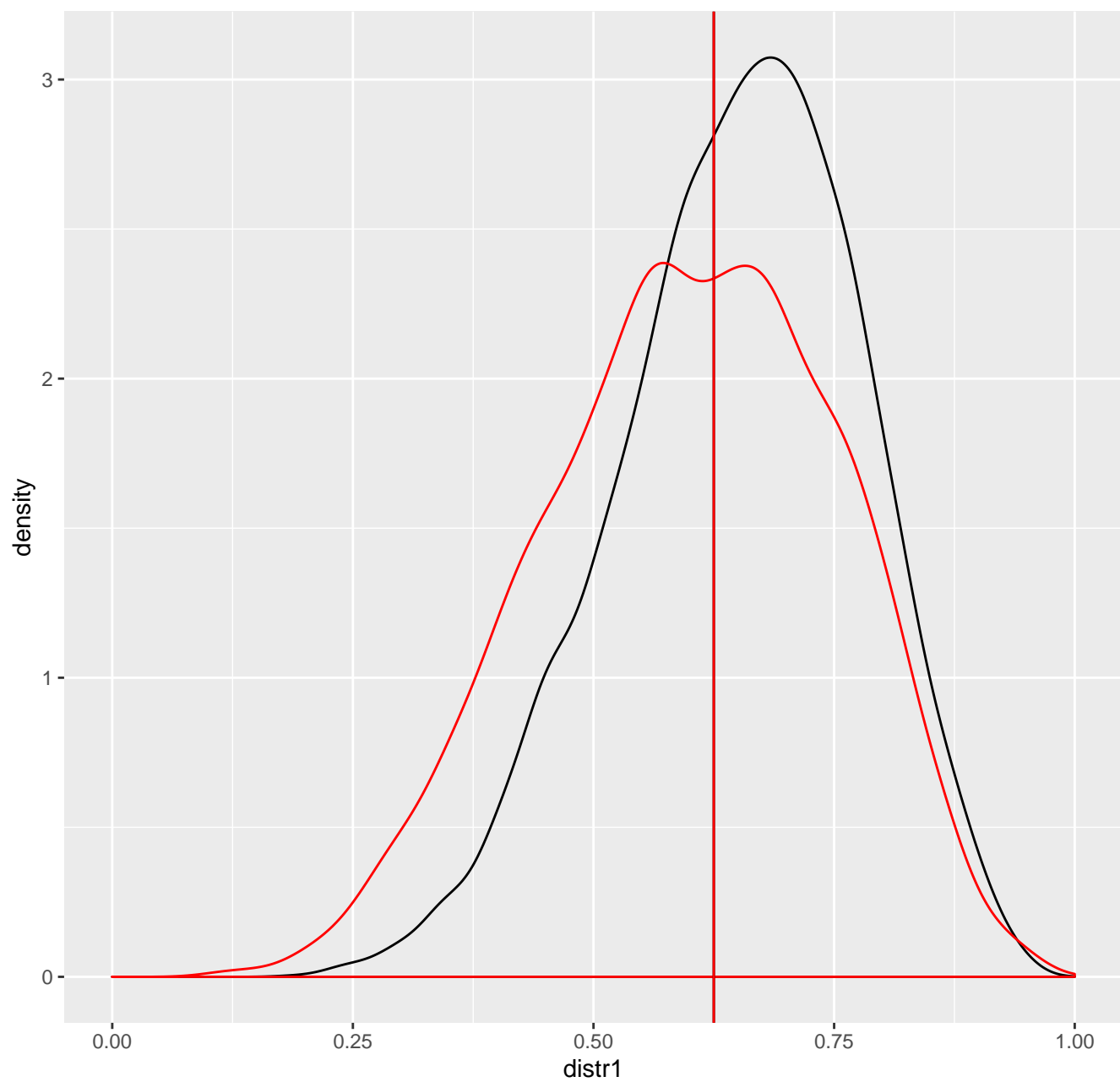
response distribution  $X_2|X_1==0$



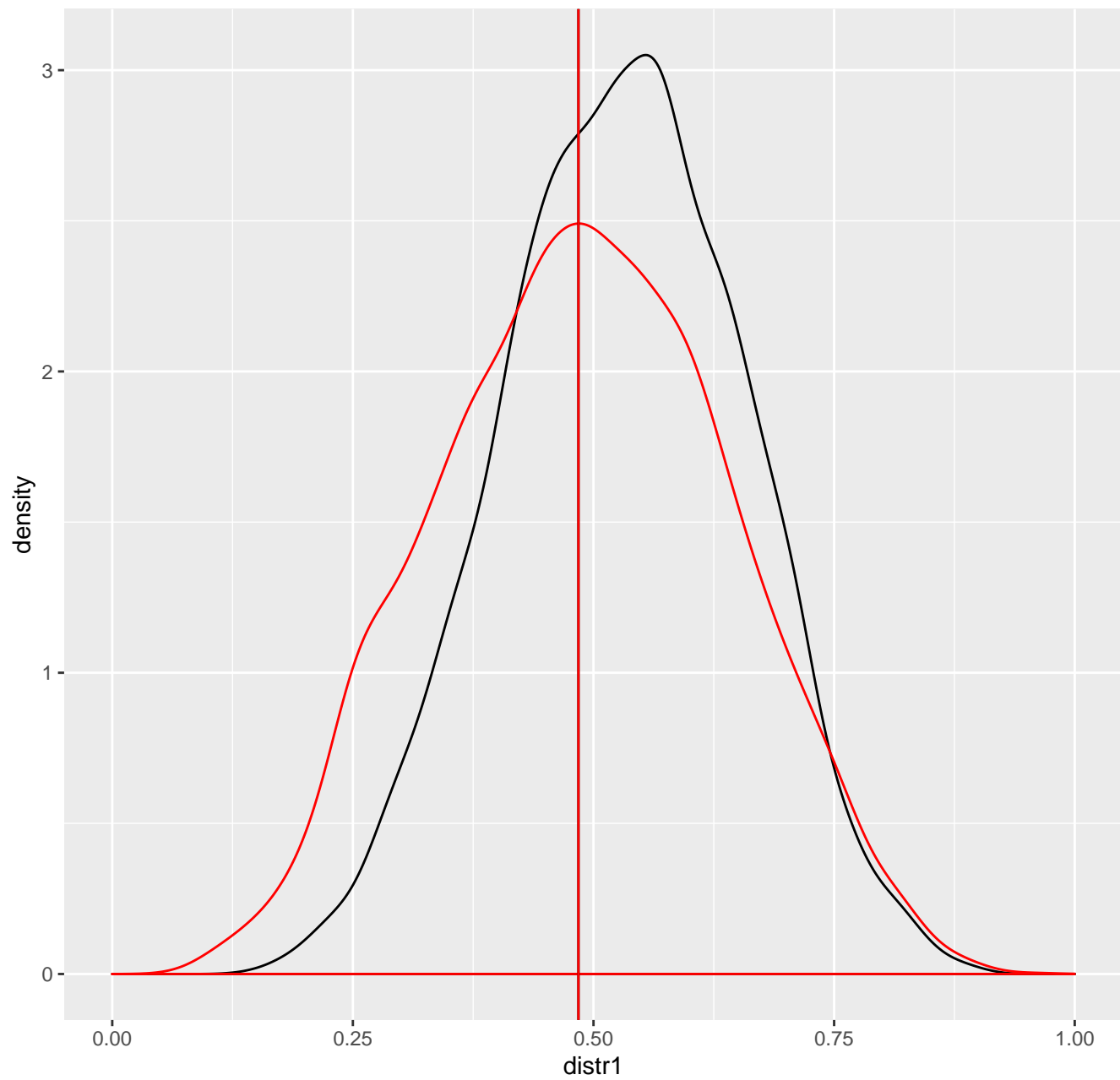
response distribution  $X_2|Y==0 \text{ \& } X_1==0$



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

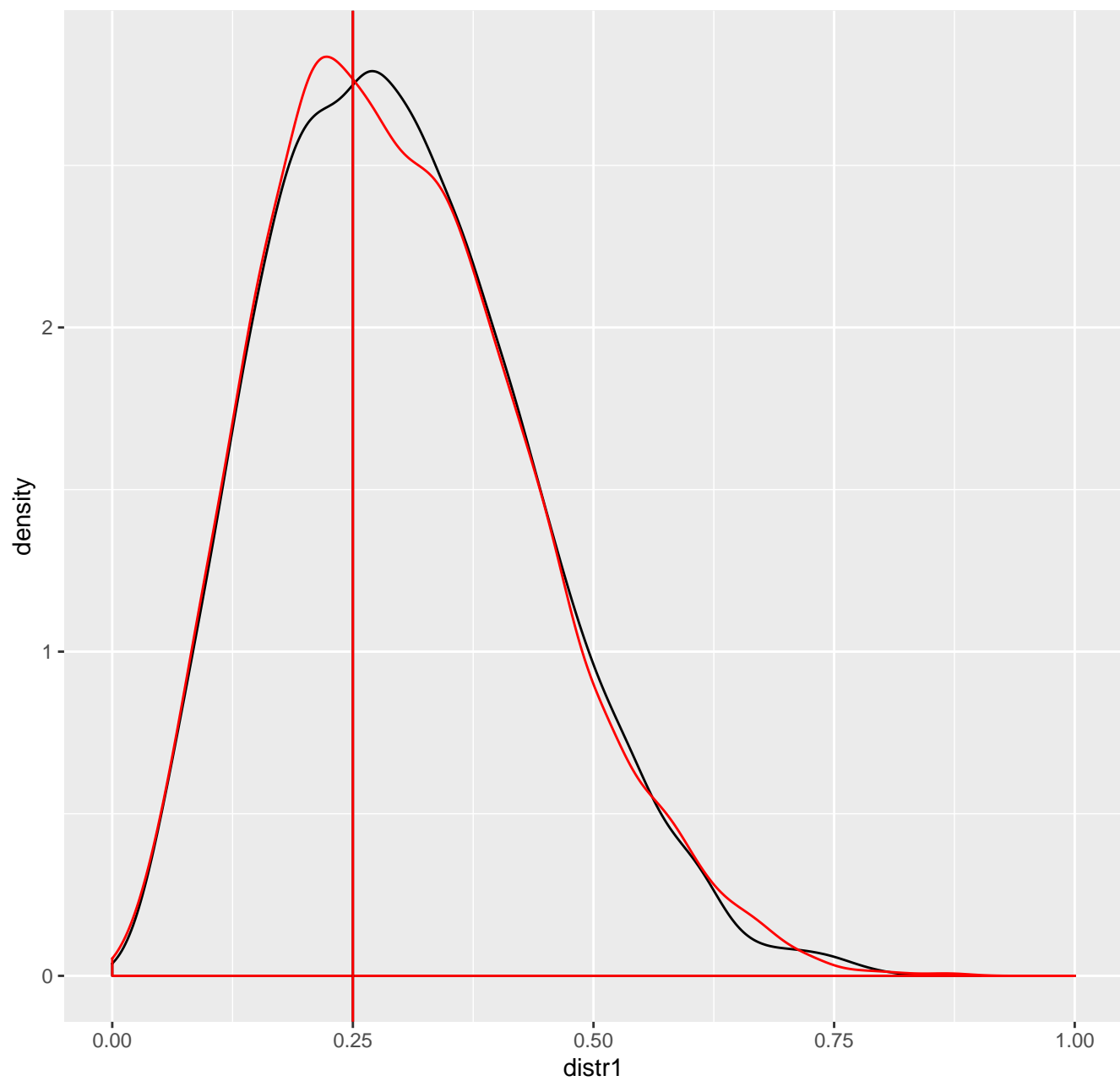


response distribution  $X_2|X_1==1$

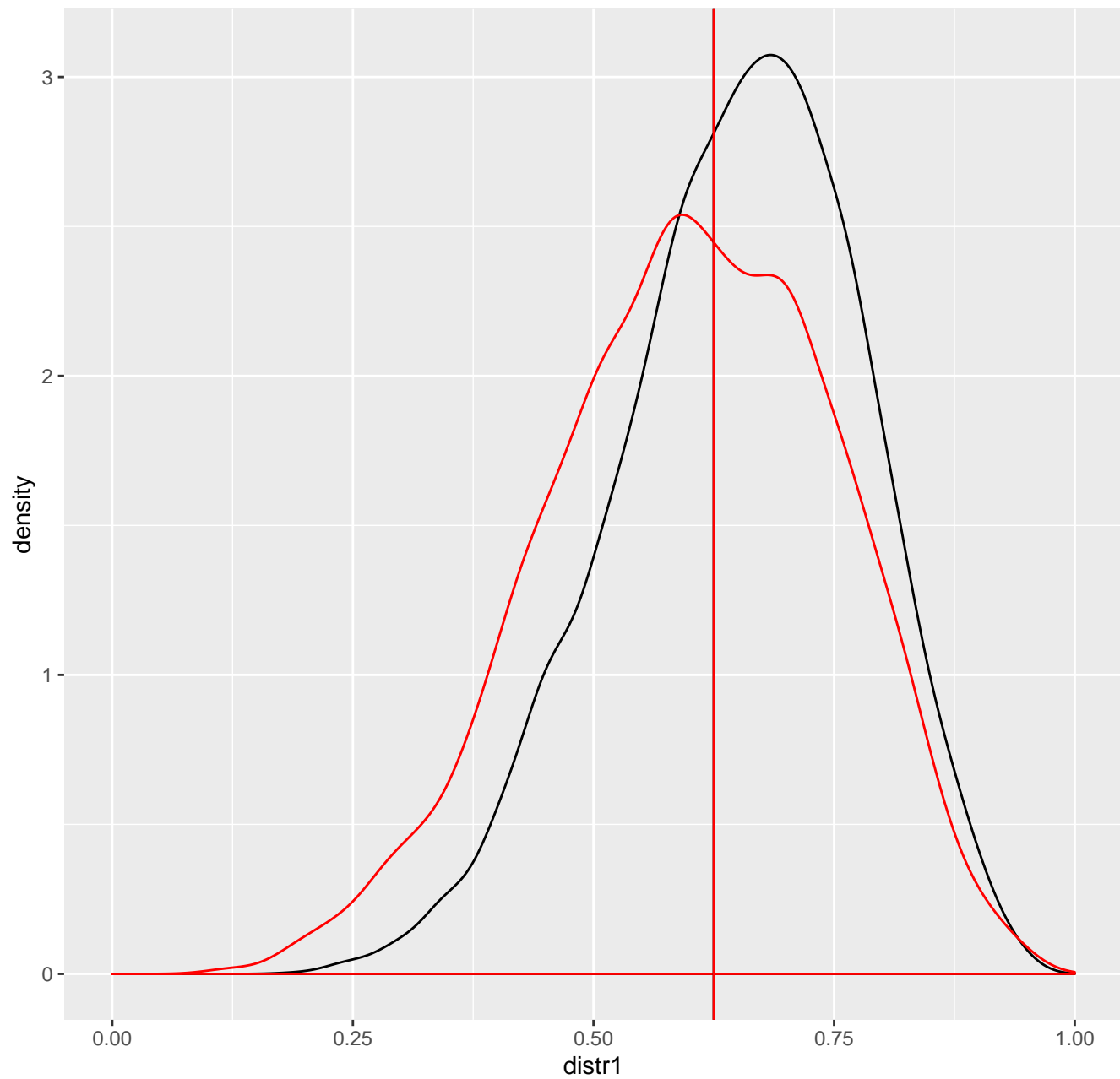




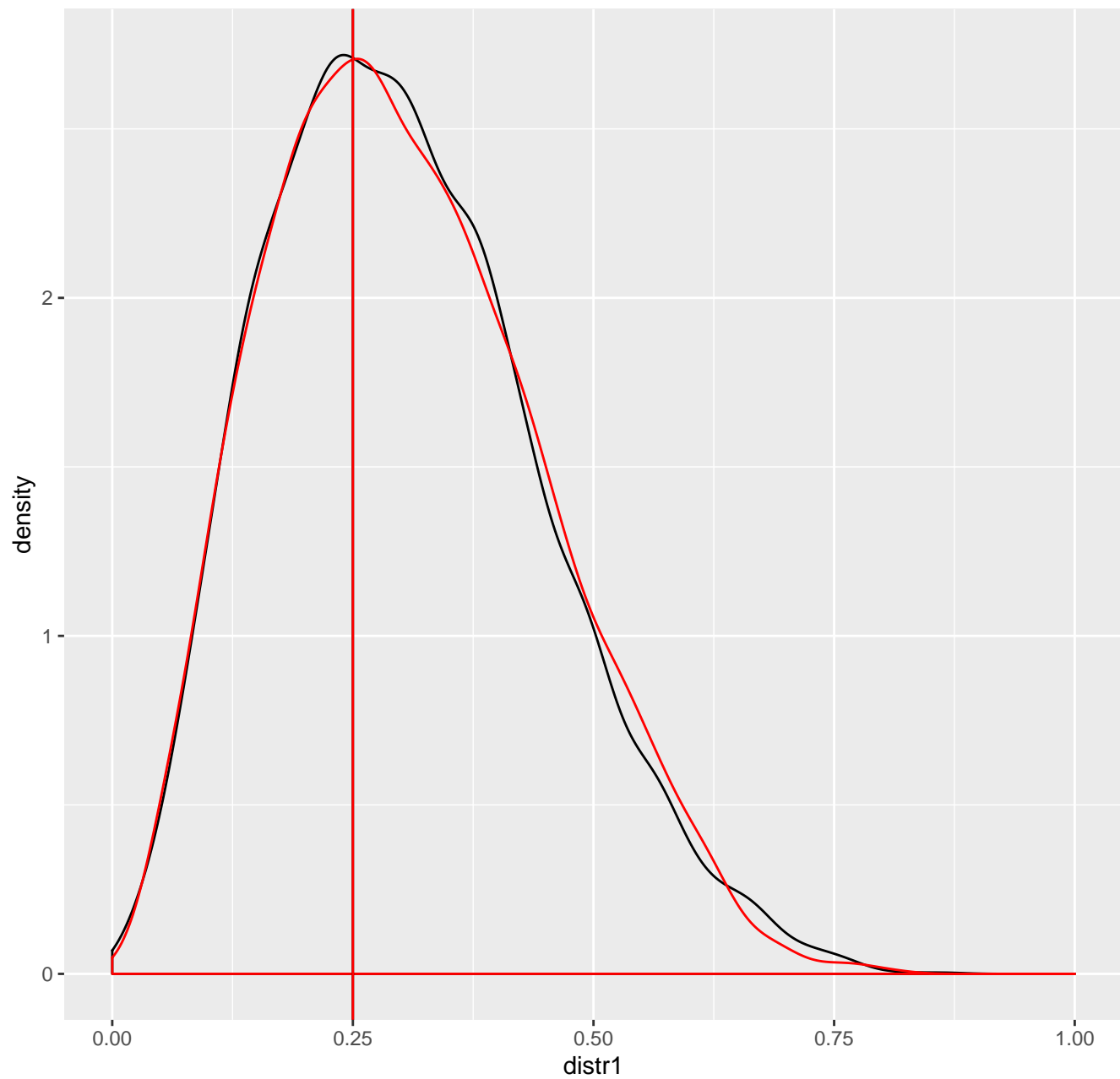
response distribution  $X_2|Y==0$  &  $X_1==1$



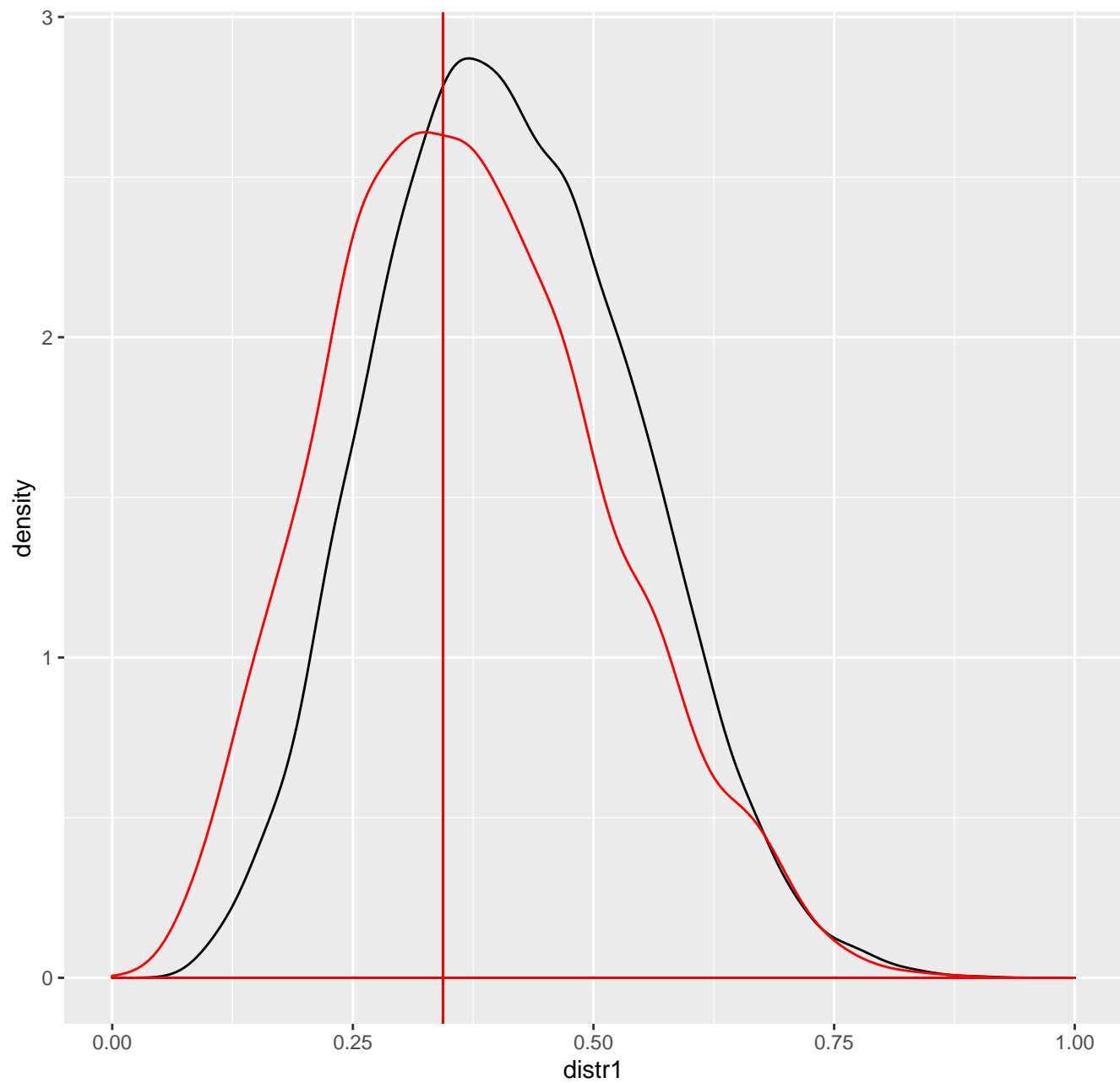
response distribution  $X_2|Y==1 \text{ \& } X_1==1$



response distribution X1



response distribution Y



response distribution X2

