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 (red 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

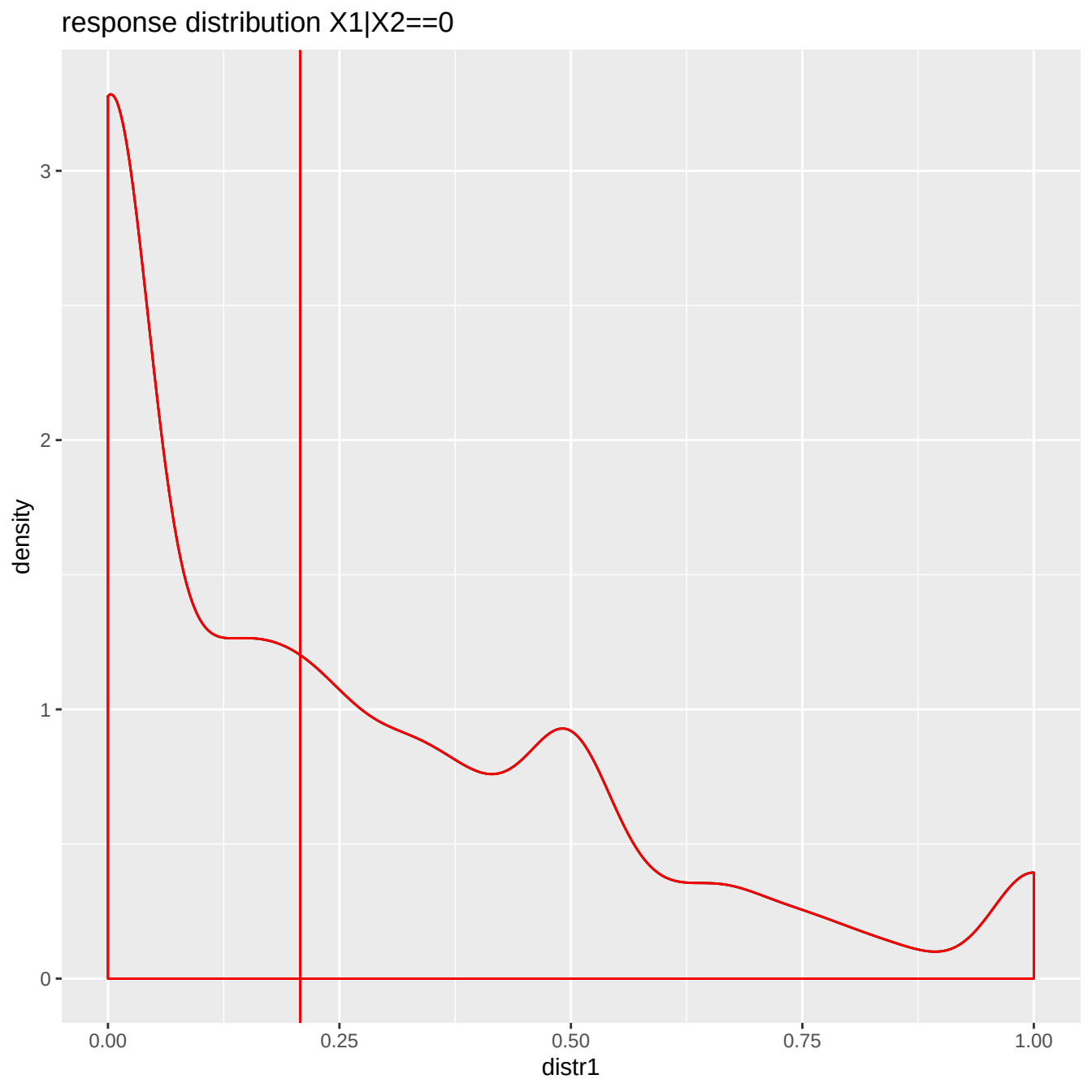
causal strengths

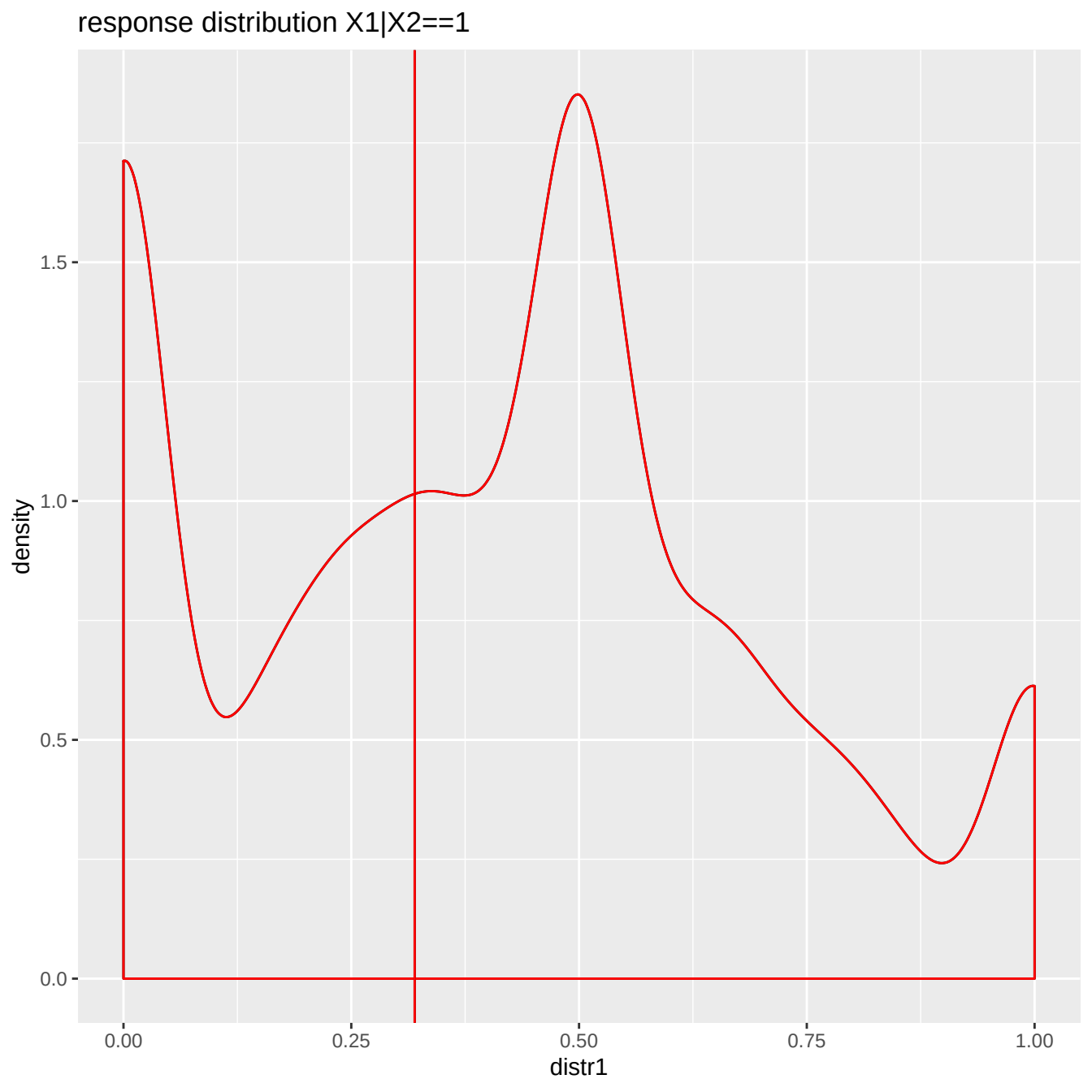
X1	Y	X2
0	0.5	0
0	0	0.5
0	0	0

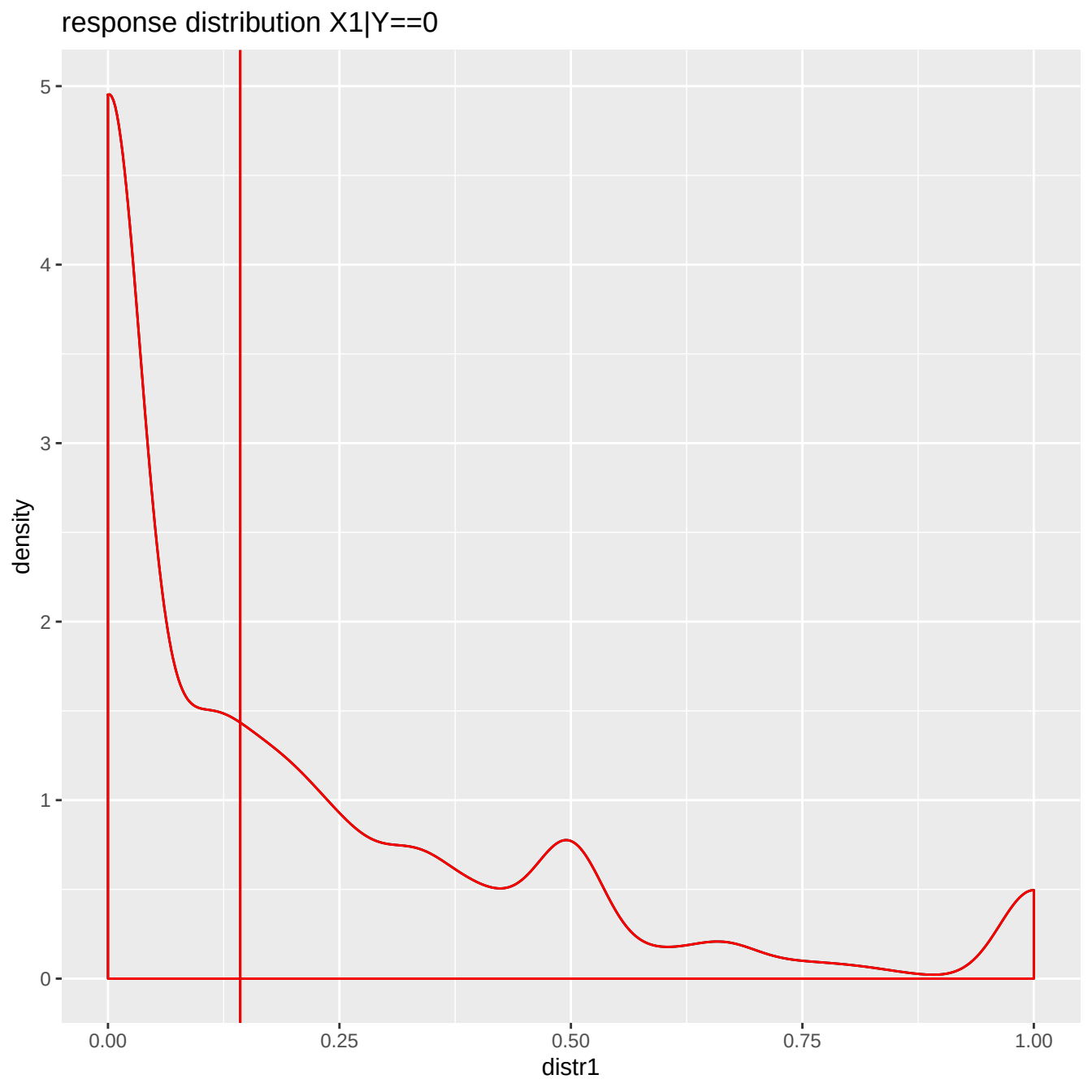
baserates 0.25 0.25 0.25

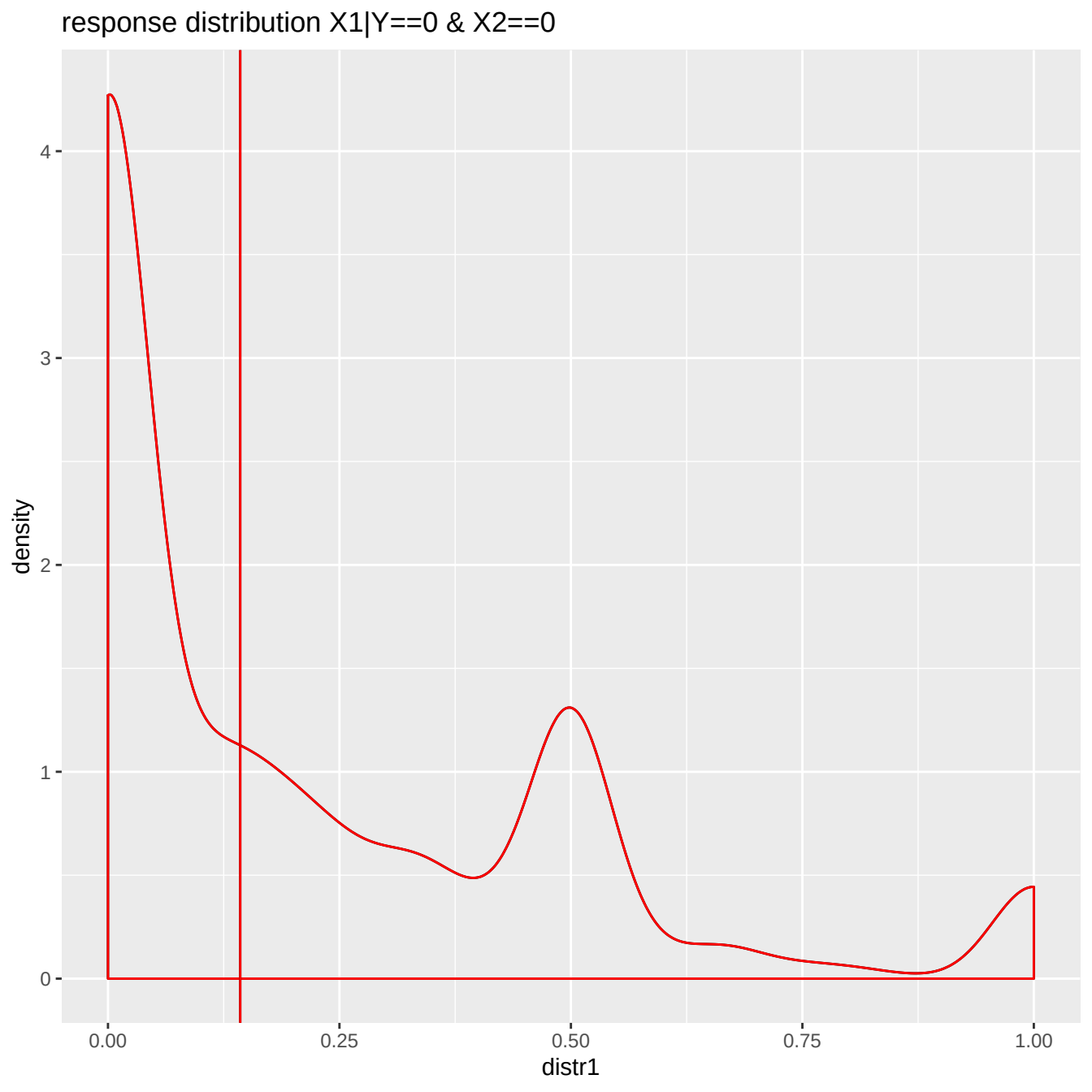
mean sim joint distr

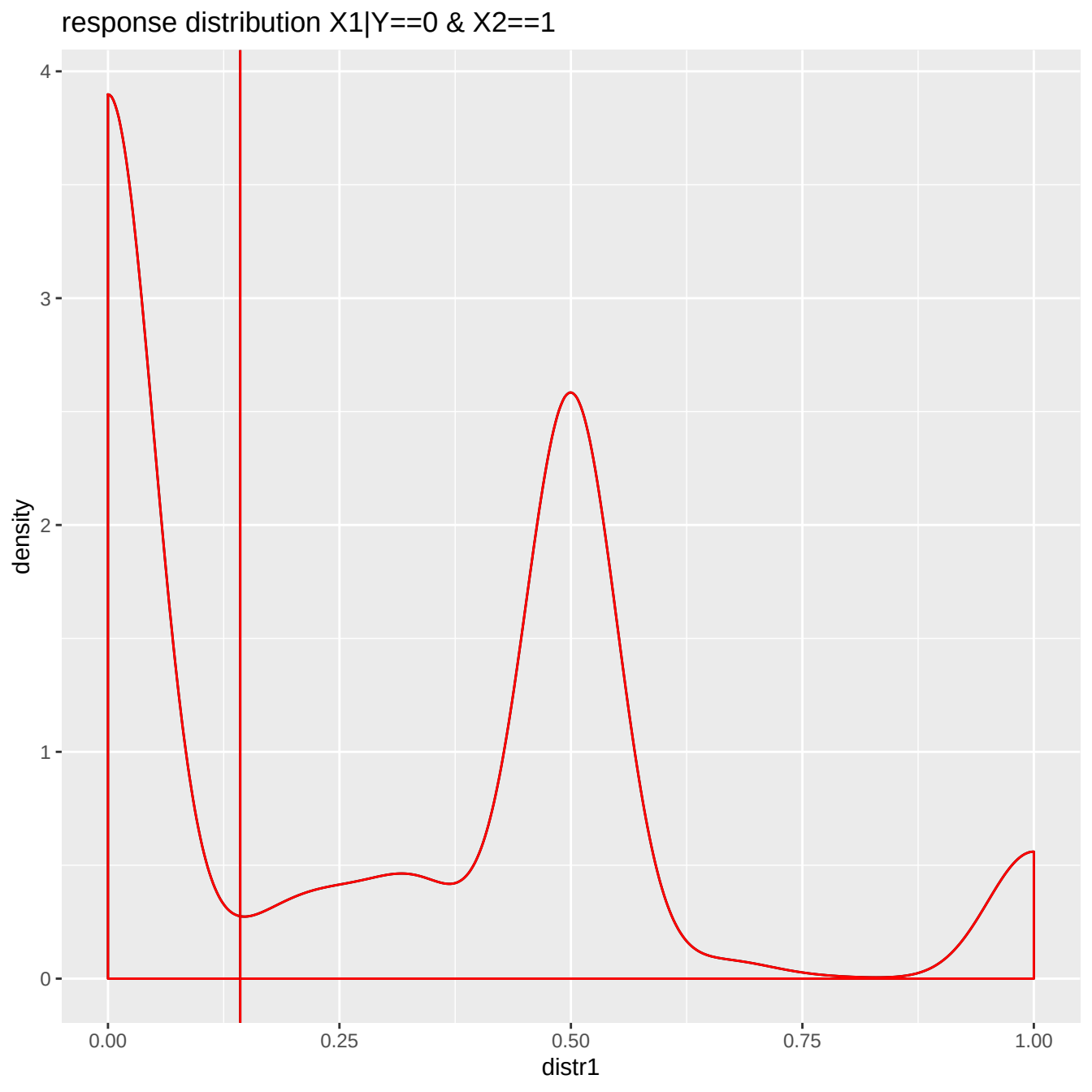
state	X1	Y	X2	p
1	1	1	1	0.15608181
2	1	1	0	0.05964747
3	1	0	1	0.02379530
4	1	0	0	0.06215934
5	0	1	1	0.11707036
6	0	1	0	0.06317057
7	0	0	1	0.11968093
8	0	0	0	0.39839421

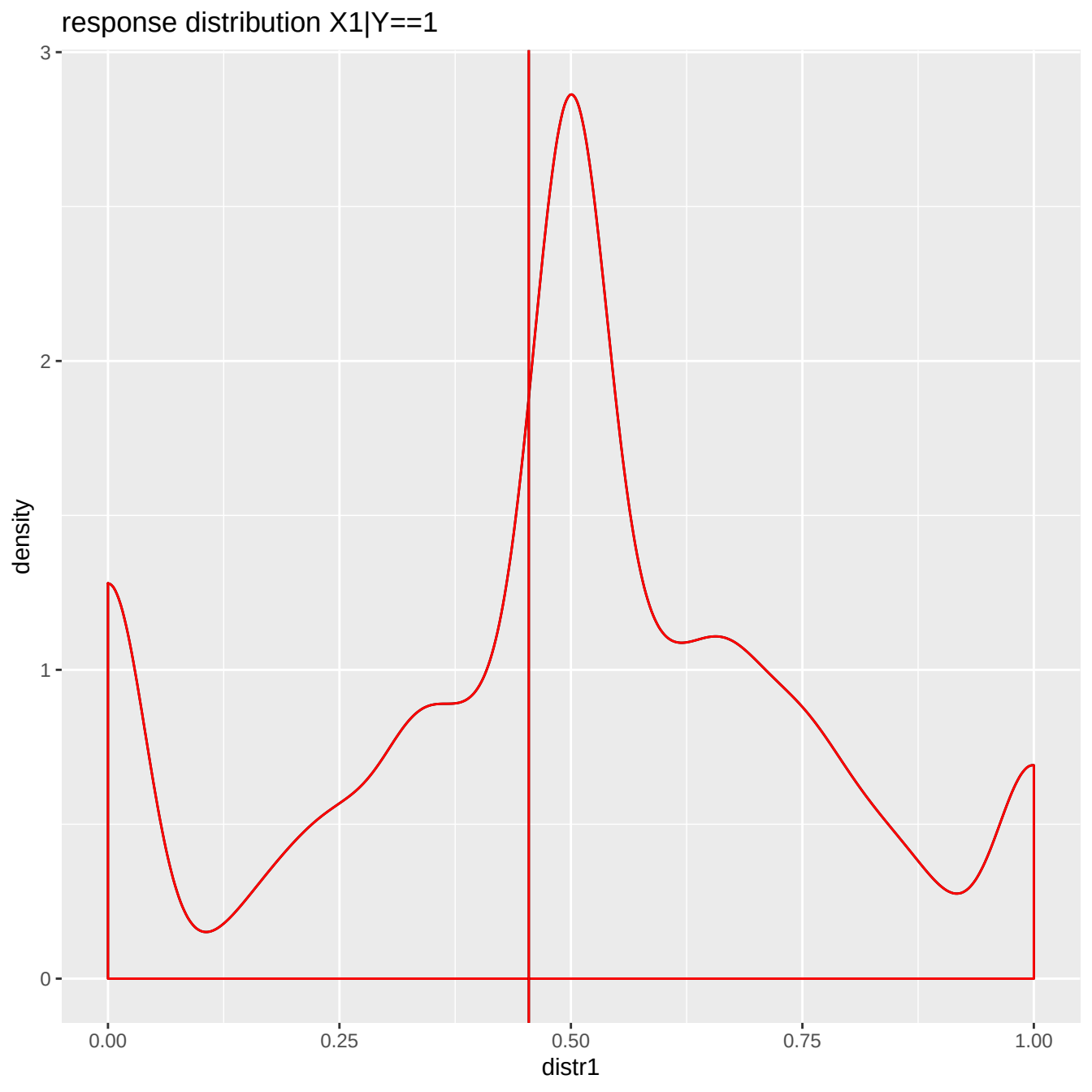

response distribution X1|X2==0
density
3
2
1
0
0.00
0.25
0.50
0.75
1.00
distr1

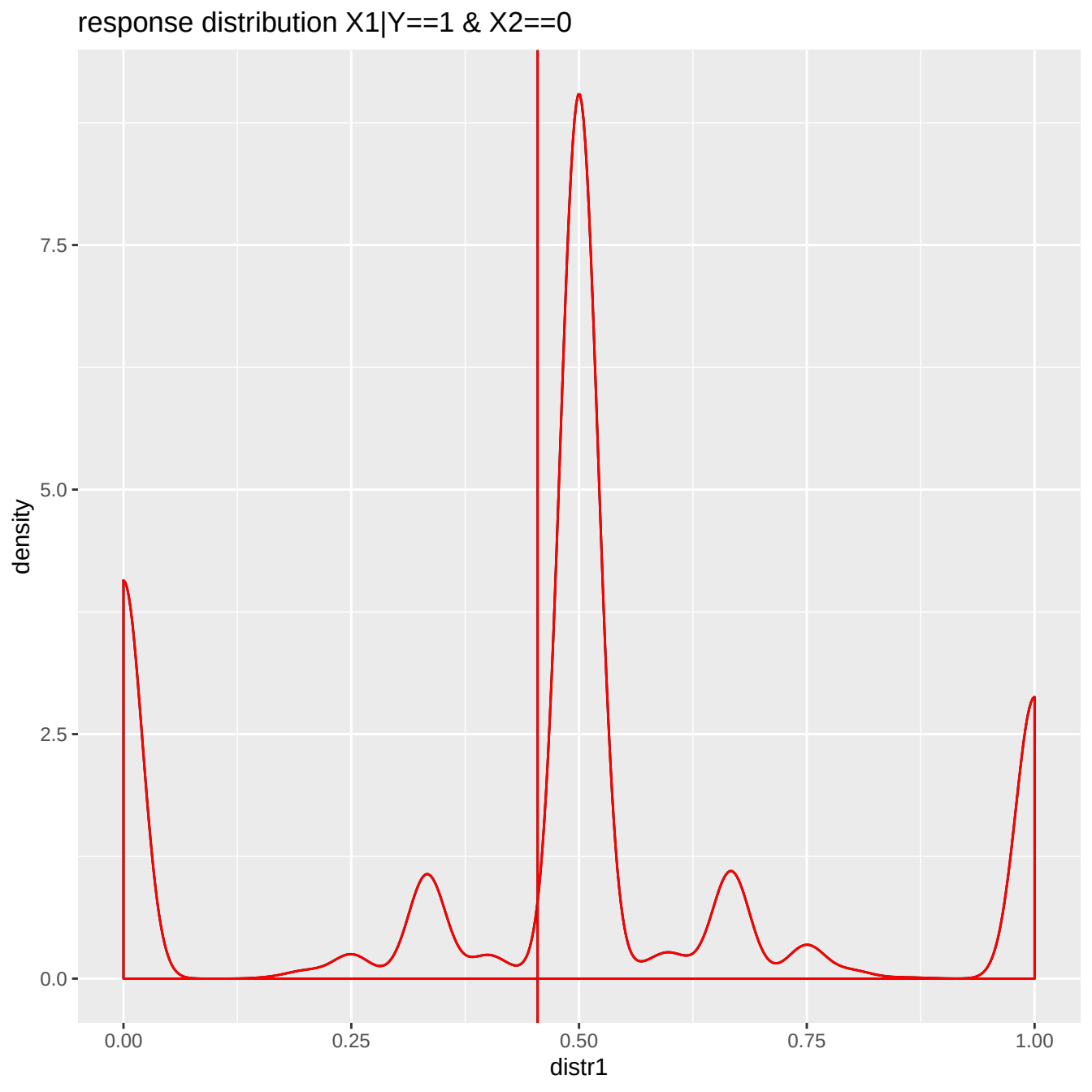

response distribution X1|X2==1
density
1.5
1.0
0.5
0.0
0.00
0.25
0.50
0.75
1.00
distr1

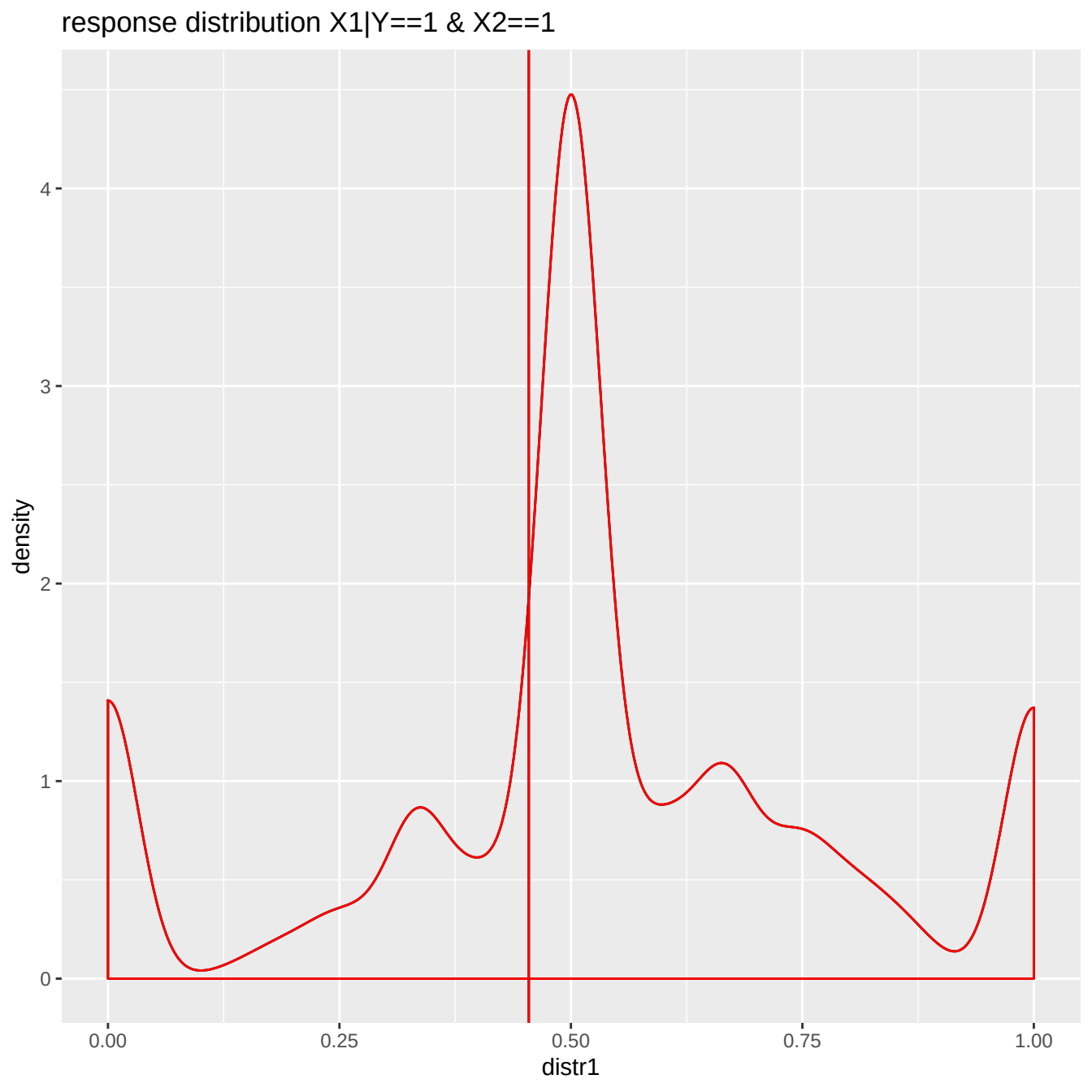

response distribution X1|Y==0
density
distr1
0
1
2
3
4
5
0.00
0.25
0.50
0.75
1.00

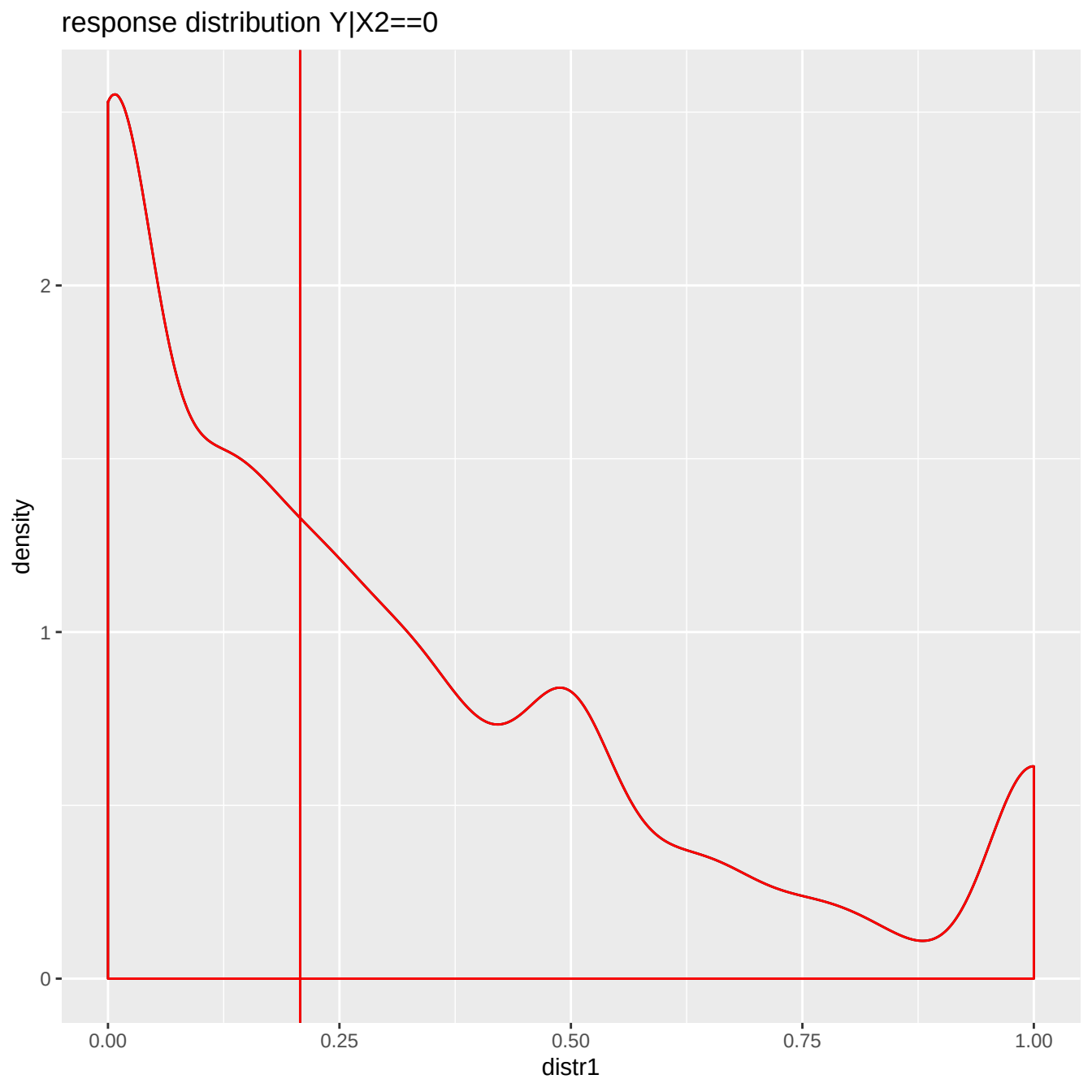

response distribution X1|Y==0 & X2==0
density
4
3
2
1
0
0.00
0.25
0.50
0.75
1.00
distr1

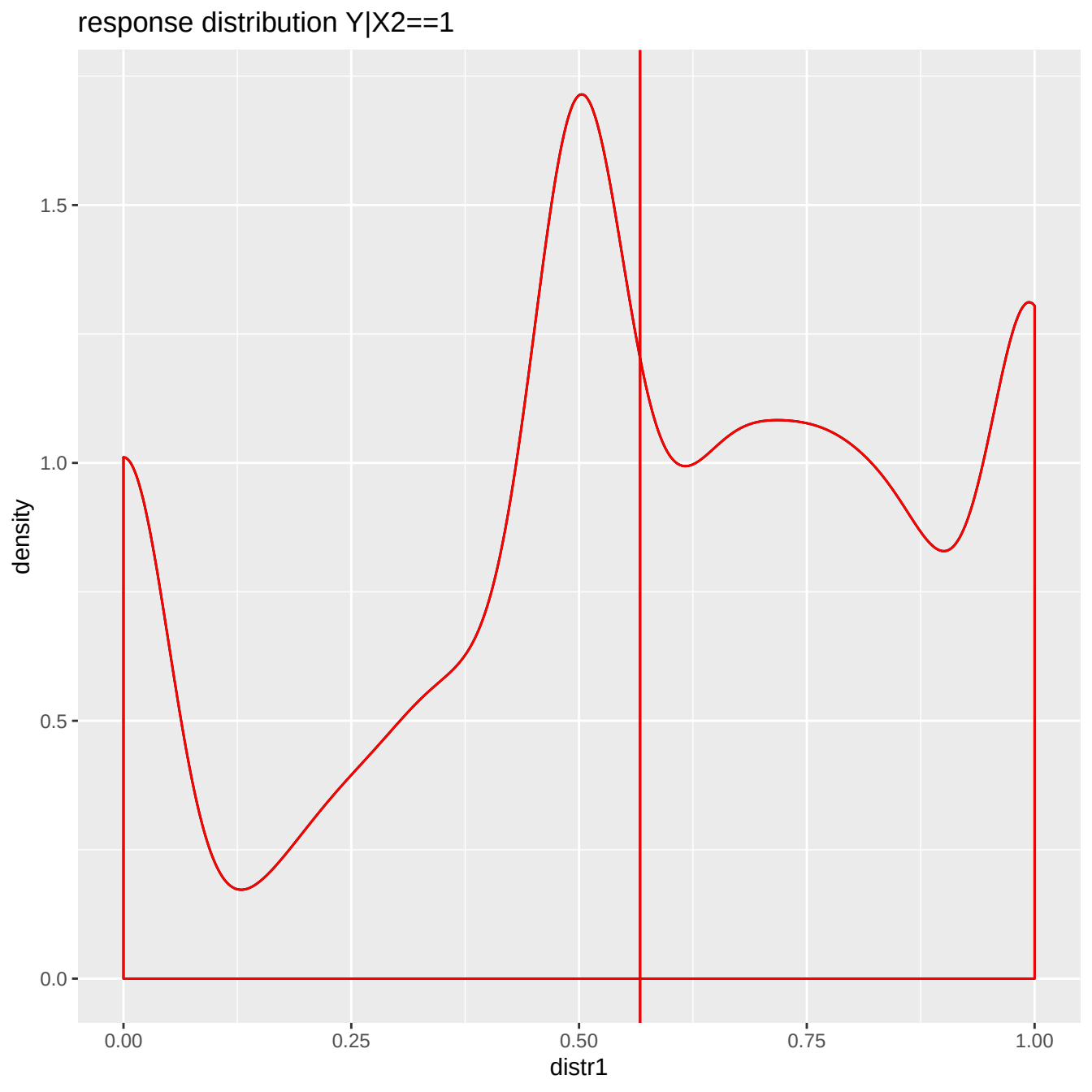

response distribution X1|Y==0 & X2==1
density
4
3
2
1
0
0.00
0.25
0.50
0.75
1.00
distr1

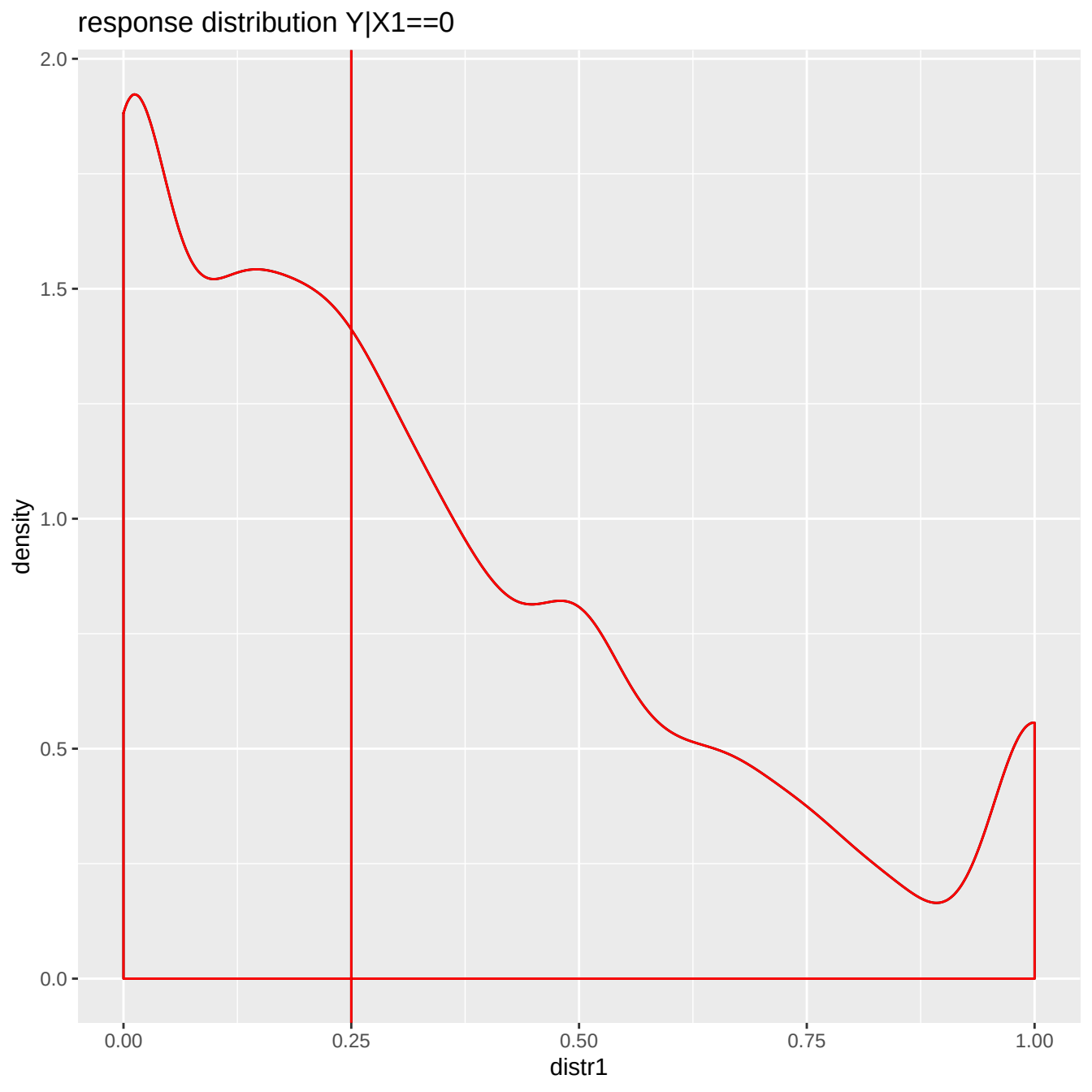

response distribution X1|Y==1
density
3
2
1
0
0.00
0.25
0.50
0.75
1.00
distr1

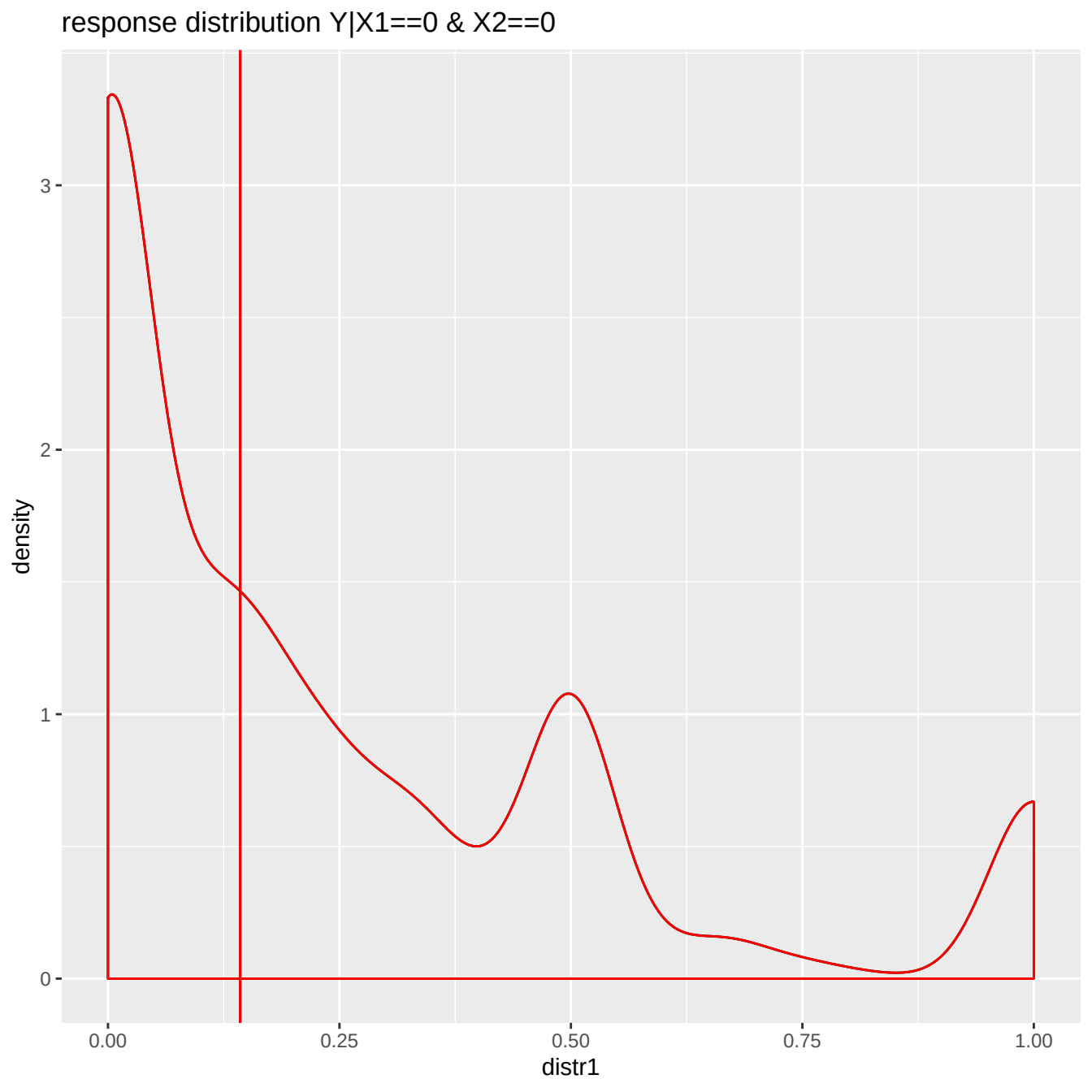

response distribution X1|Y==1 & X2==0
7.5
5.0
2.5
0.0
density
0.00
0.25
0.50
0.75
1.00
distr1

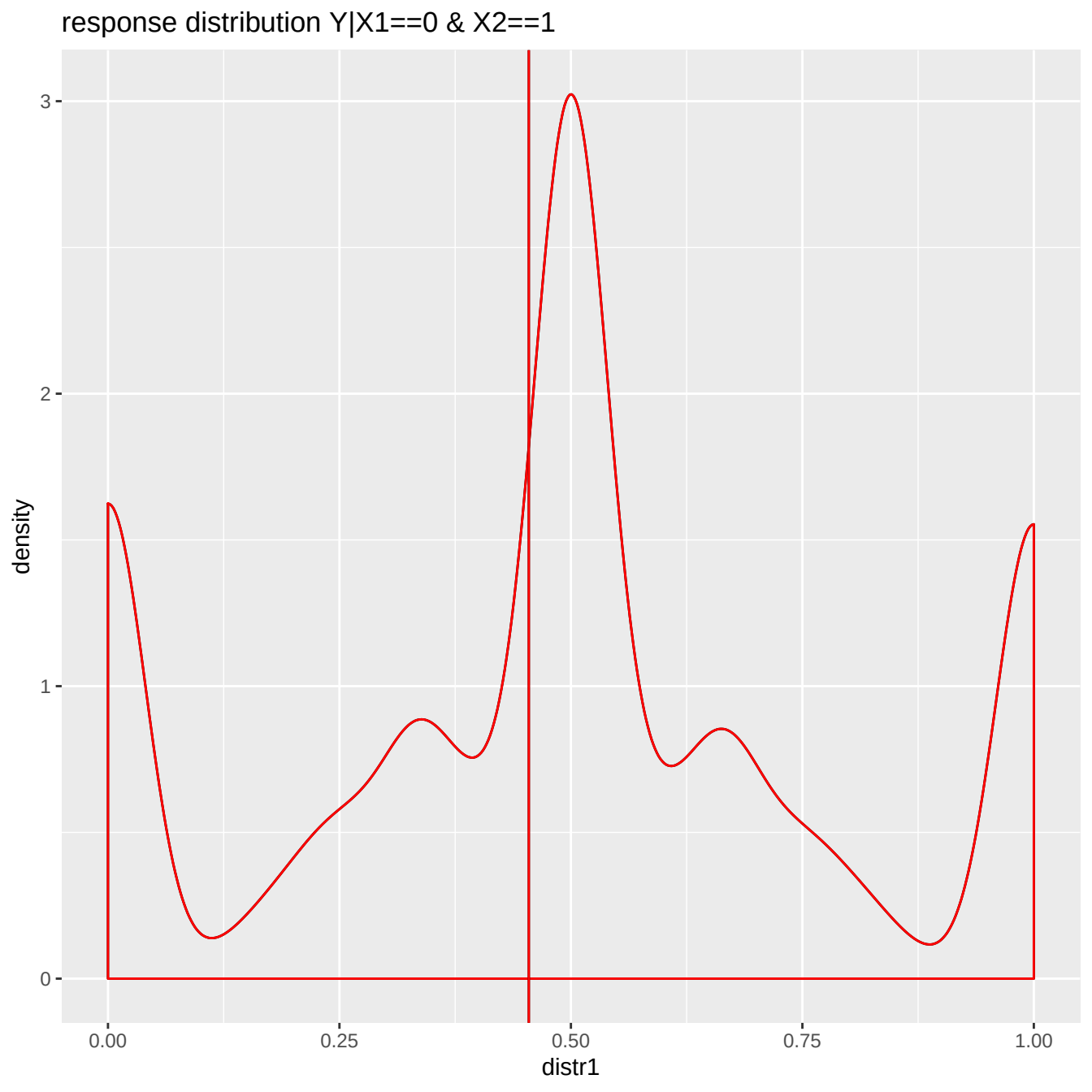

response distribution X1|Y==1 & X2==1
density
4
3
2
1
0
0.00
0.25
0.50
0.75
1.00
distr1

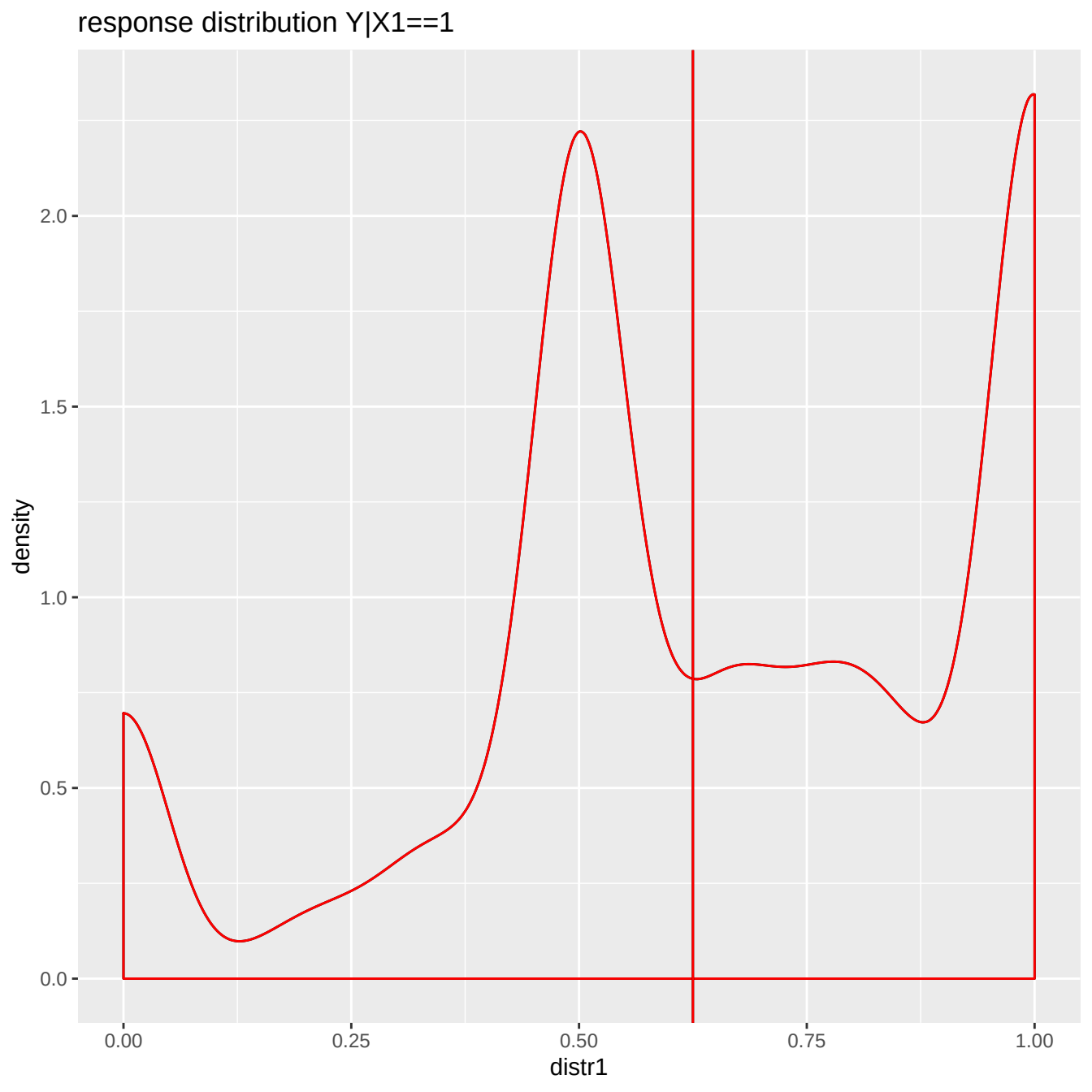

response distribution Y|X2==0
density
2
1
0
0.00
0.25
0.50
0.75
1.00
distr1

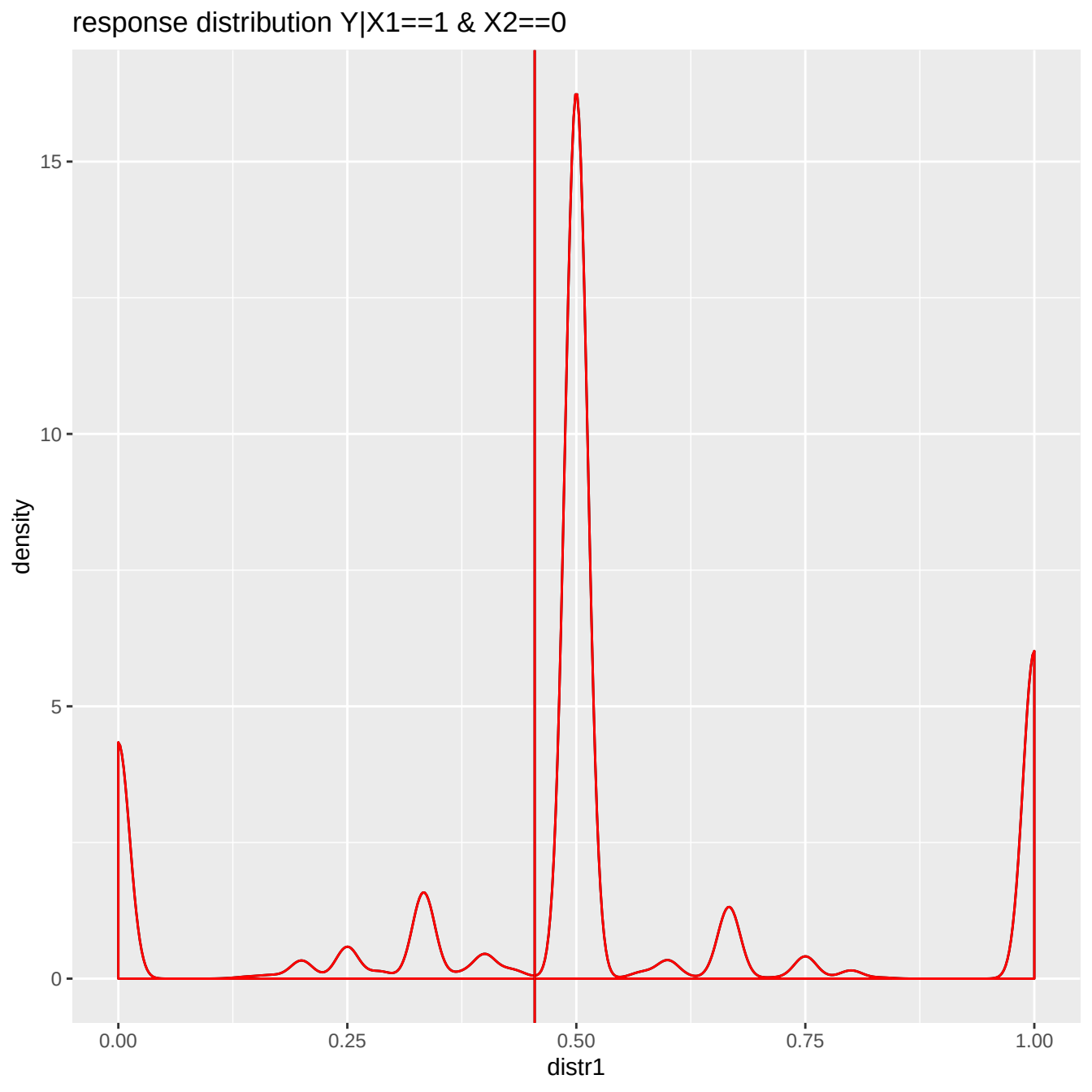

response distribution Y|X2==1
density
1.5
1.0
0.5
0.0
0.00
0.25
0.50
0.75
1.00
distr1

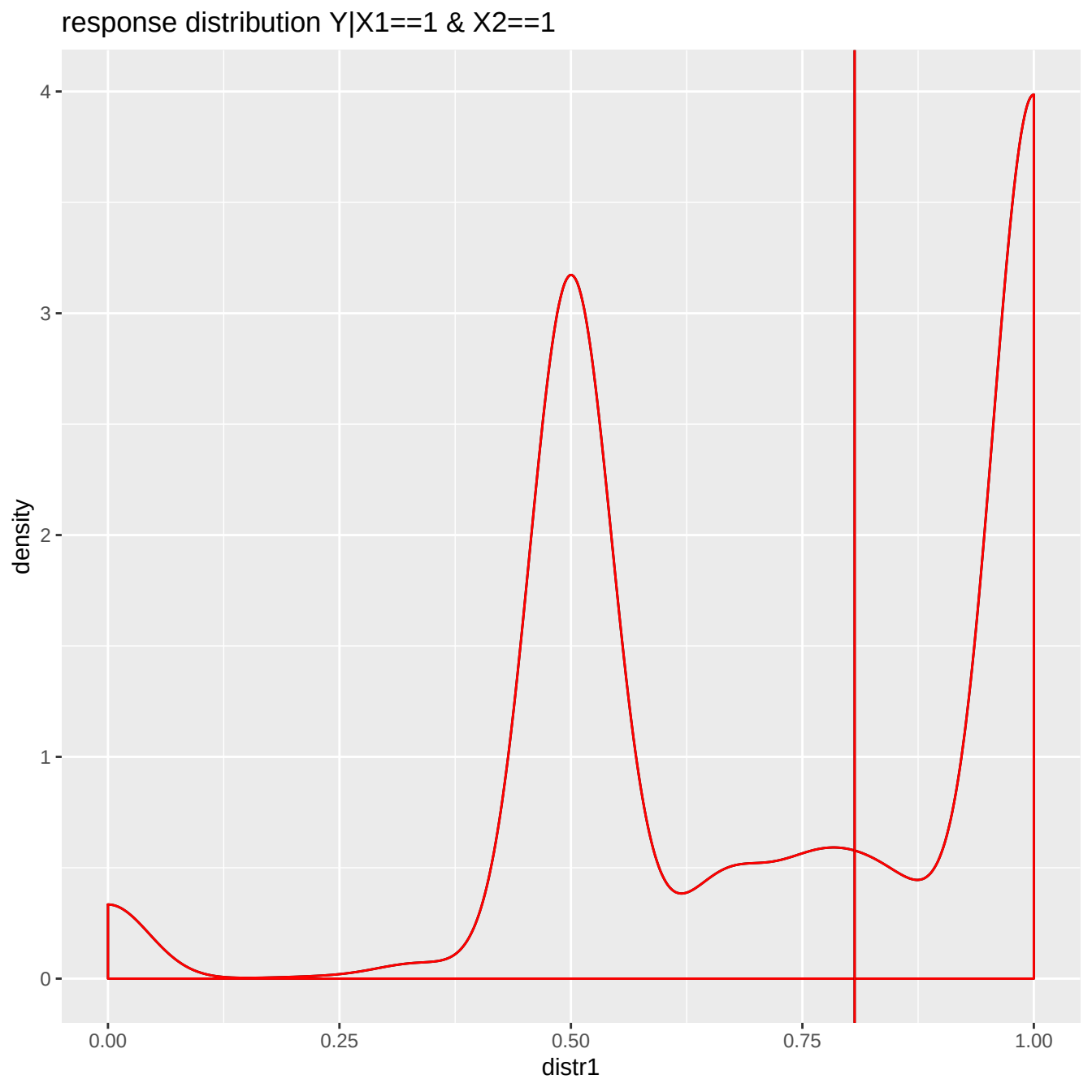

response distribution Y|X1==0
2.0
1.5
1.0
0.5
0.0
density
0.00
0.25
0.50
0.75
1.00
distr1

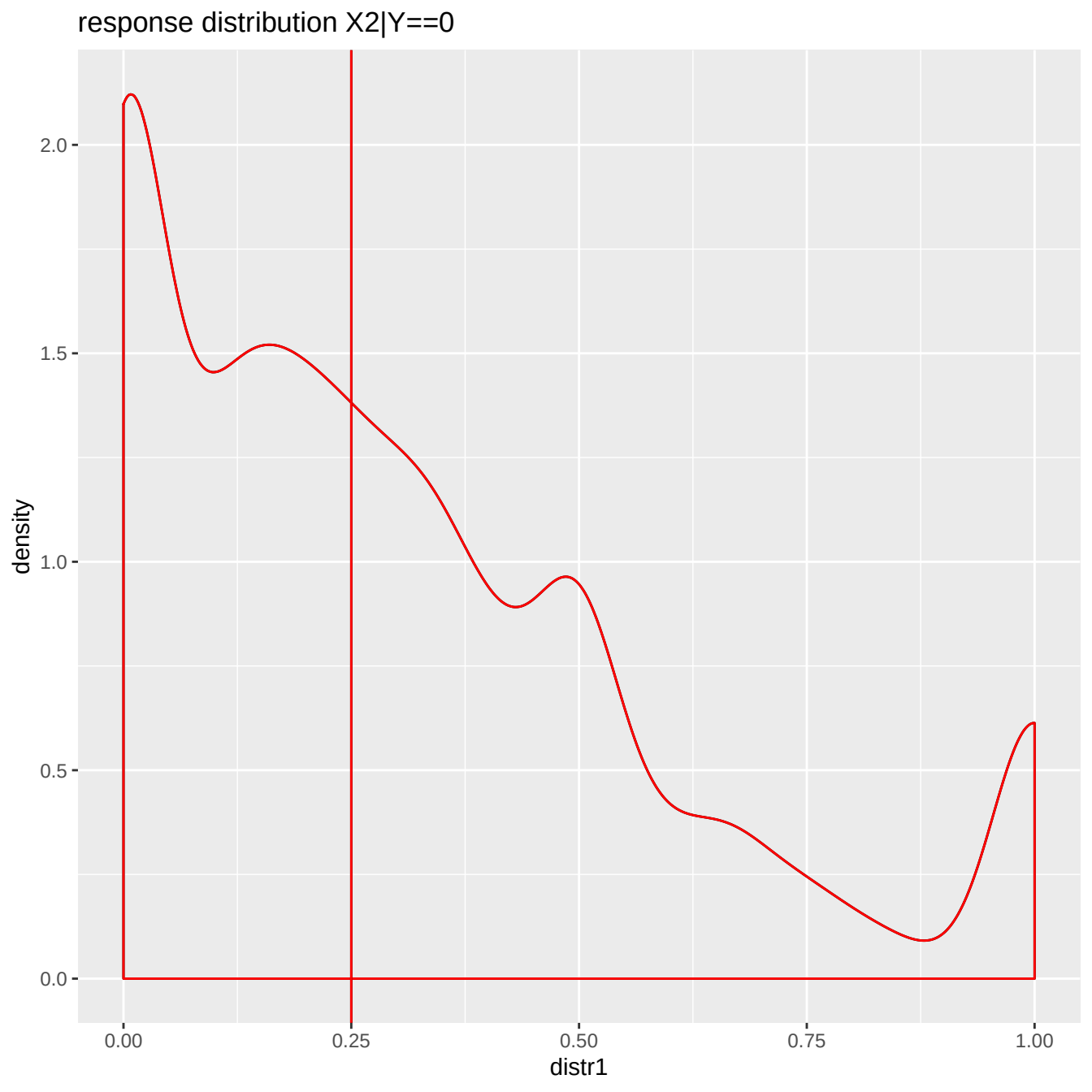

response distribution Y|X1==0 & X2==0
density
3
2
1
0
0.00
0.25
0.50
0.75
1.00
distr1

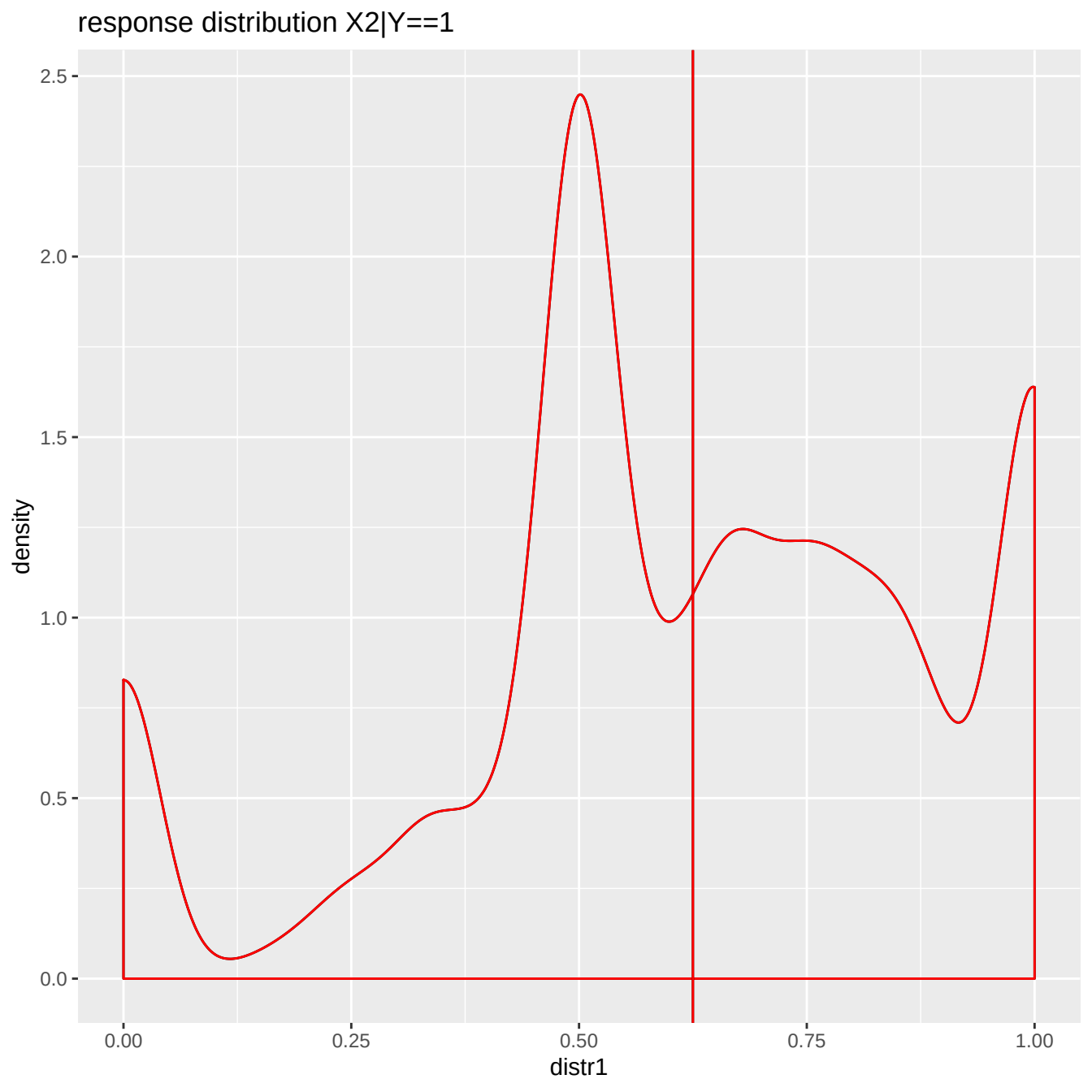

response distribution Y|X1==0 & X2==1
density
3
2
1
0
0.00
0.25
0.50
0.75
1.00
distr1

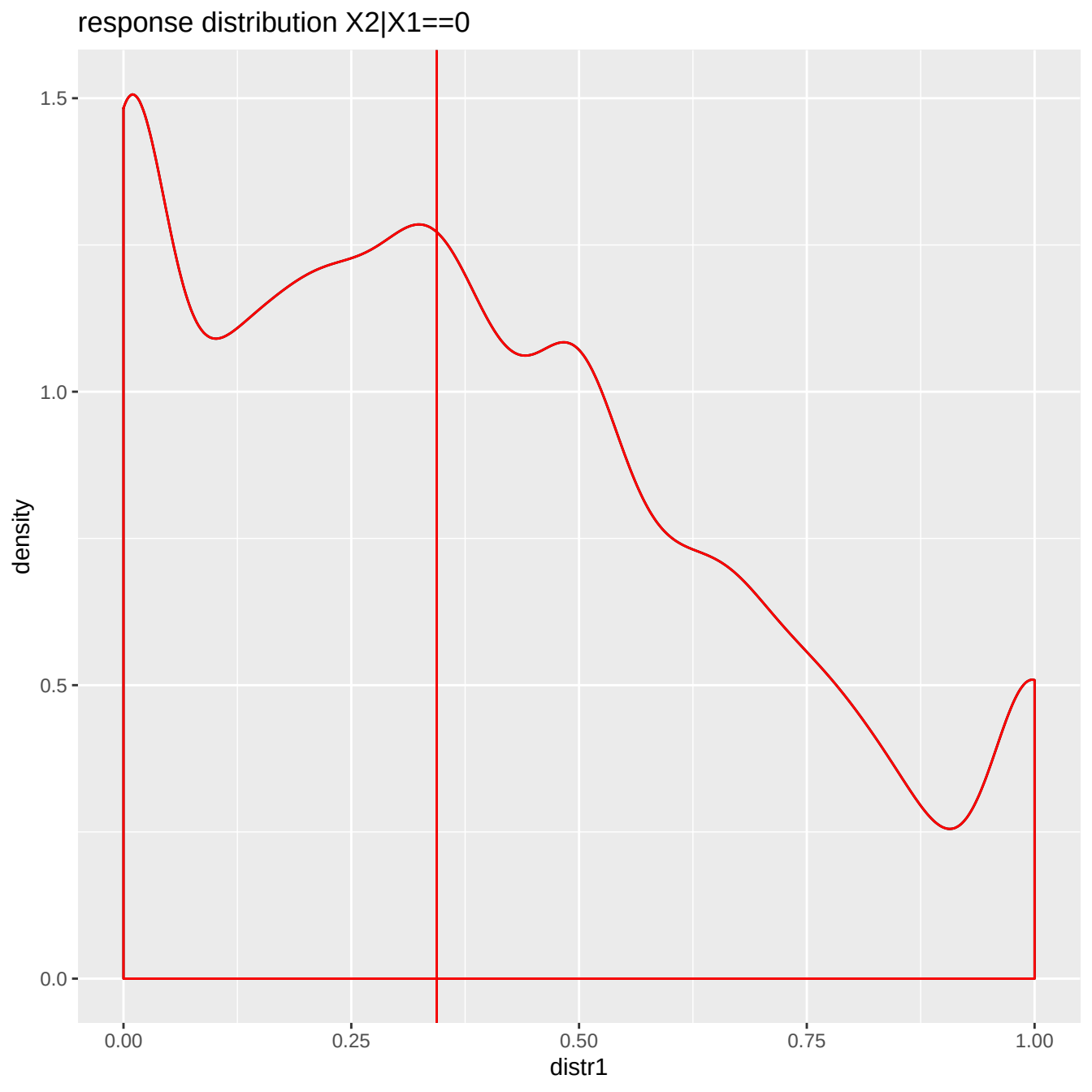

response distribution Y|X1==1
density
2.0
1.5
1.0
0.5
0.0
0.00
0.25
0.50
0.75
1.00
distr1

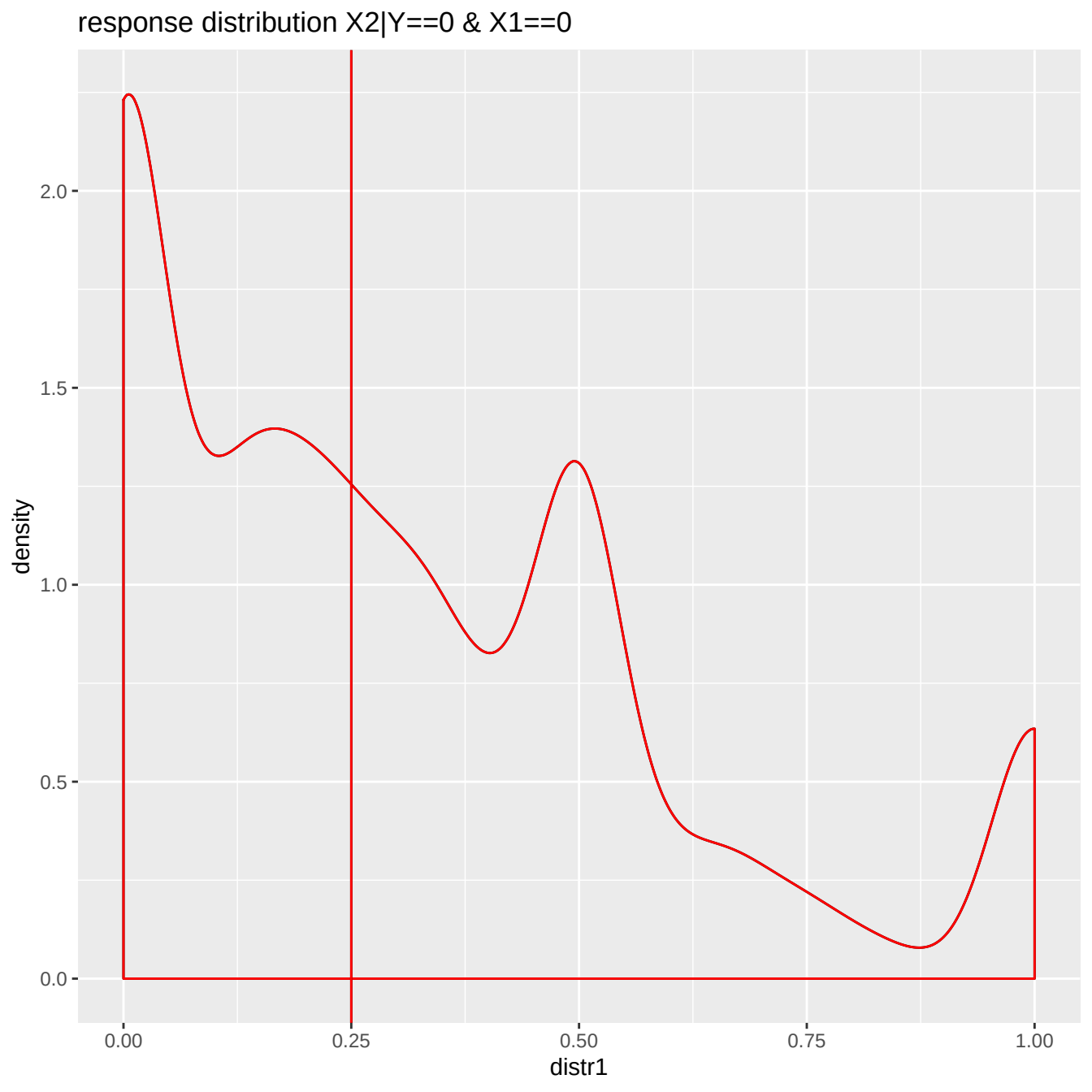

response distribution Y|X1==1 & X2==0
15
10
5
0
density
0.00
0.25
0.50
0.75
1.00
distr1

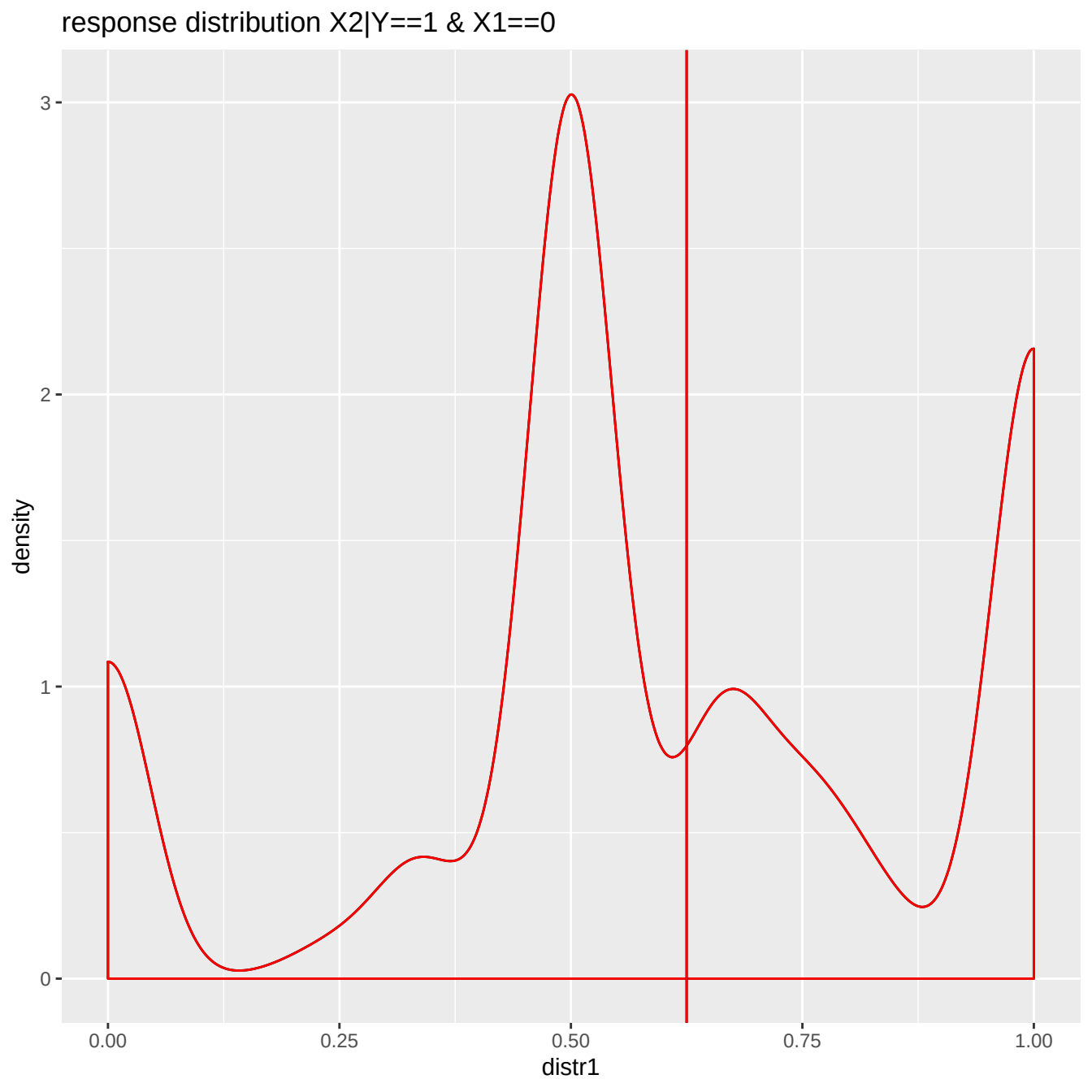

response distribution Y|X1==1 & X2==1
density
4
3
2
1
0
0.00
0.25
0.50
0.75
1.00
distr1

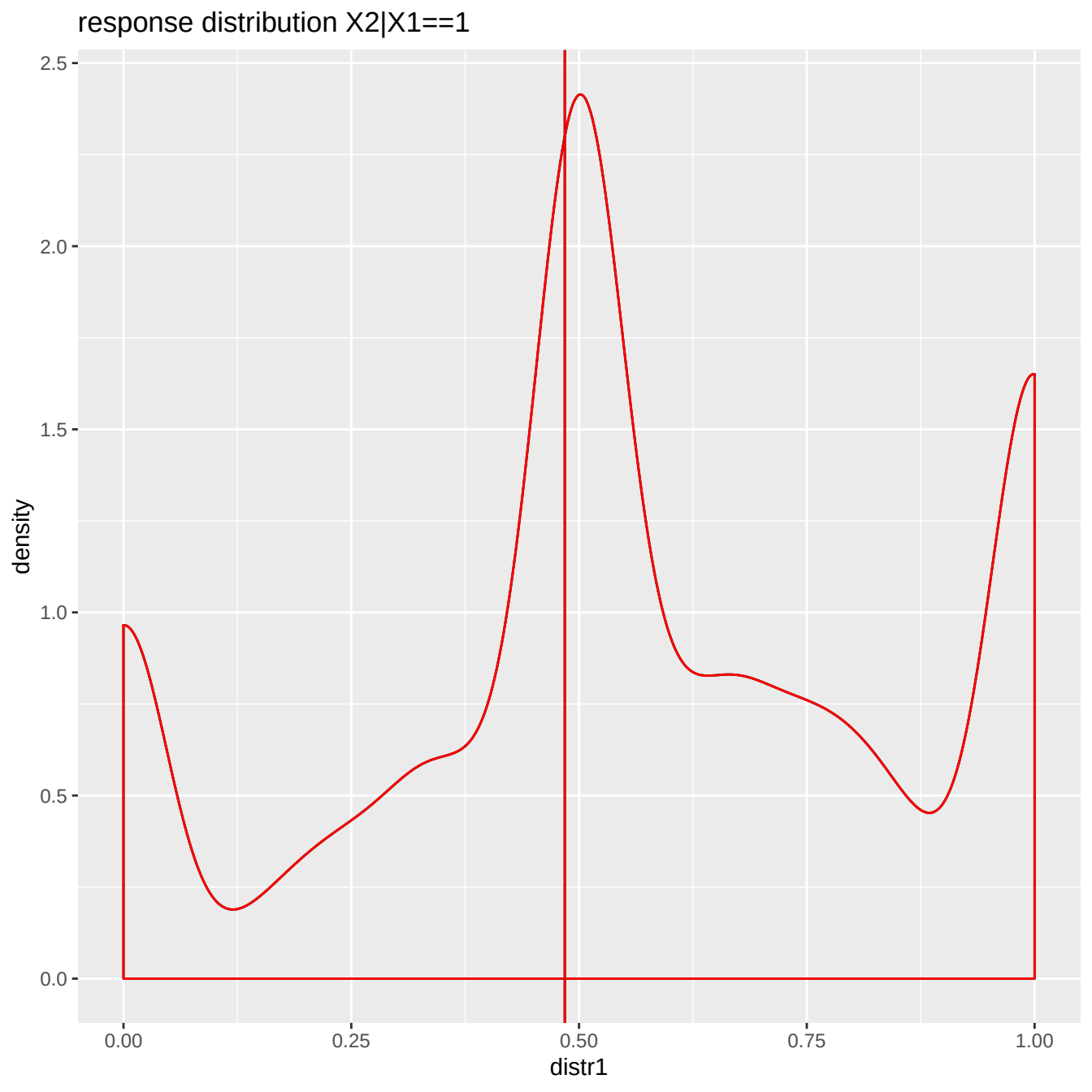

response distribution X2|Y==0
density
2.0
1.5
1.0
0.5
0.0
0.00
0.25
0.50
0.75
1.00
distr1

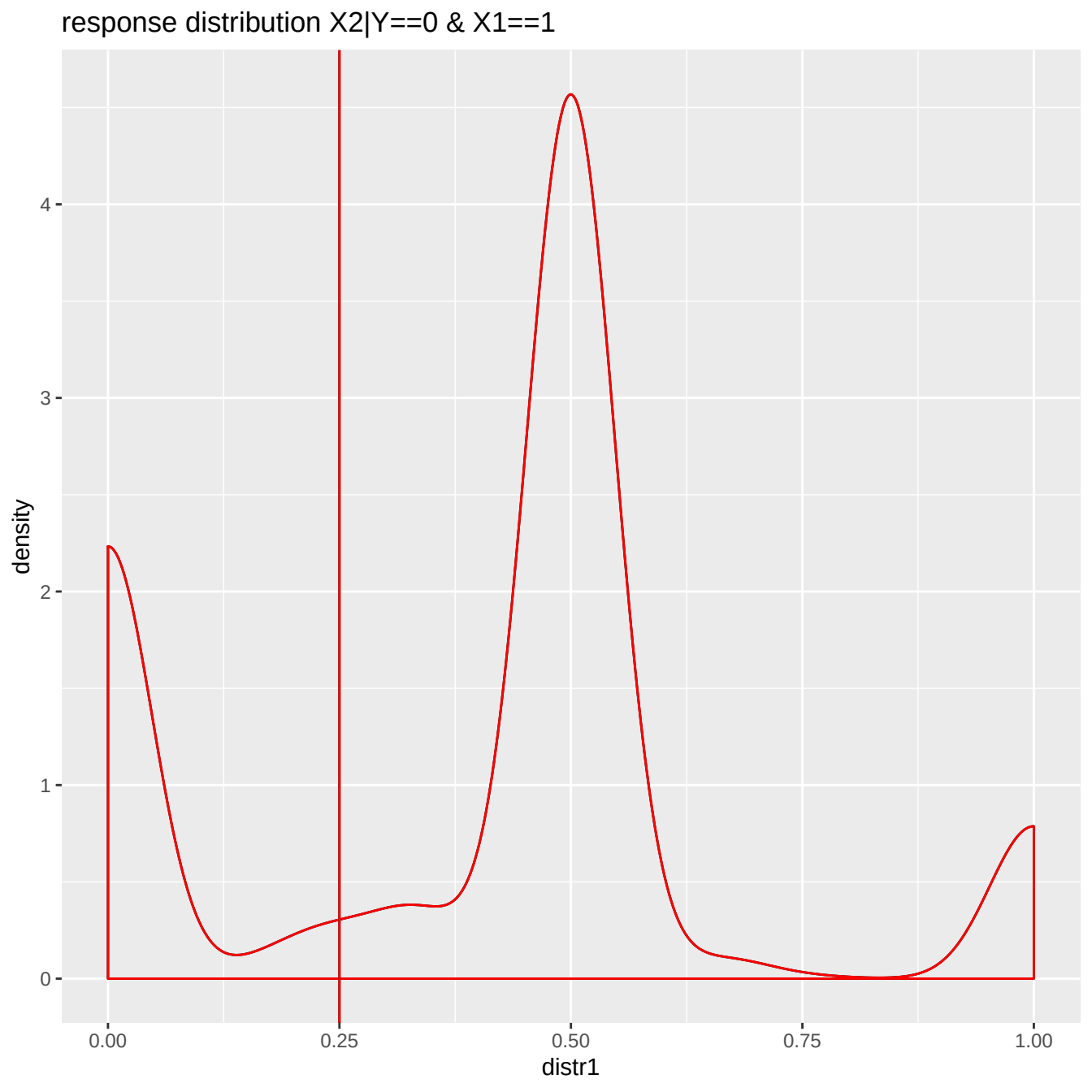

response distribution X2|Y==1
density
distr1
0.0
0.5
1.0
1.5
2.0
2.5
0.00
0.25
0.50
0.75
1.00

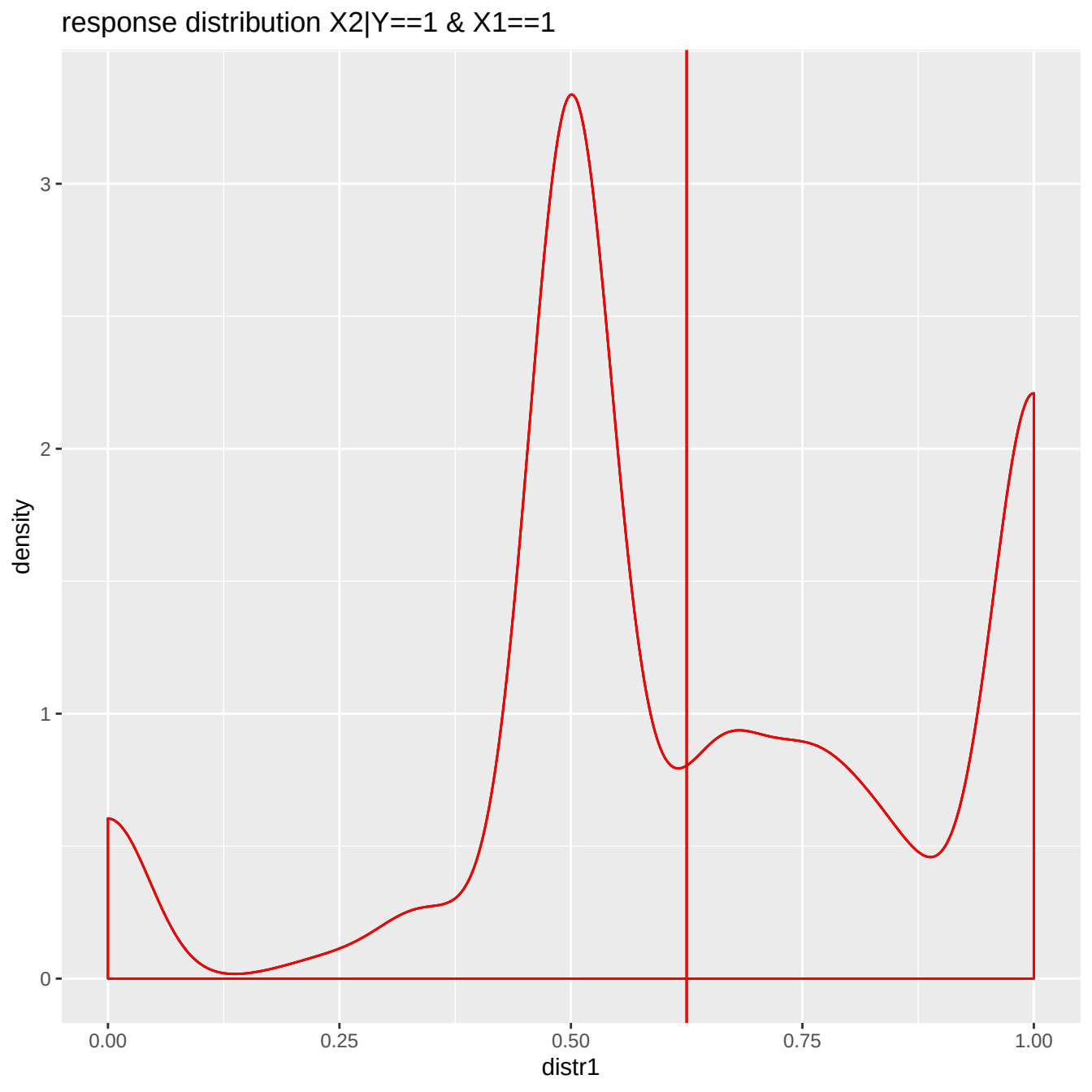

response distribution X2|X1==0
1.5
1.0
0.5
0.0
density
0.00
0.25
0.50
0.75
1.00
distr1

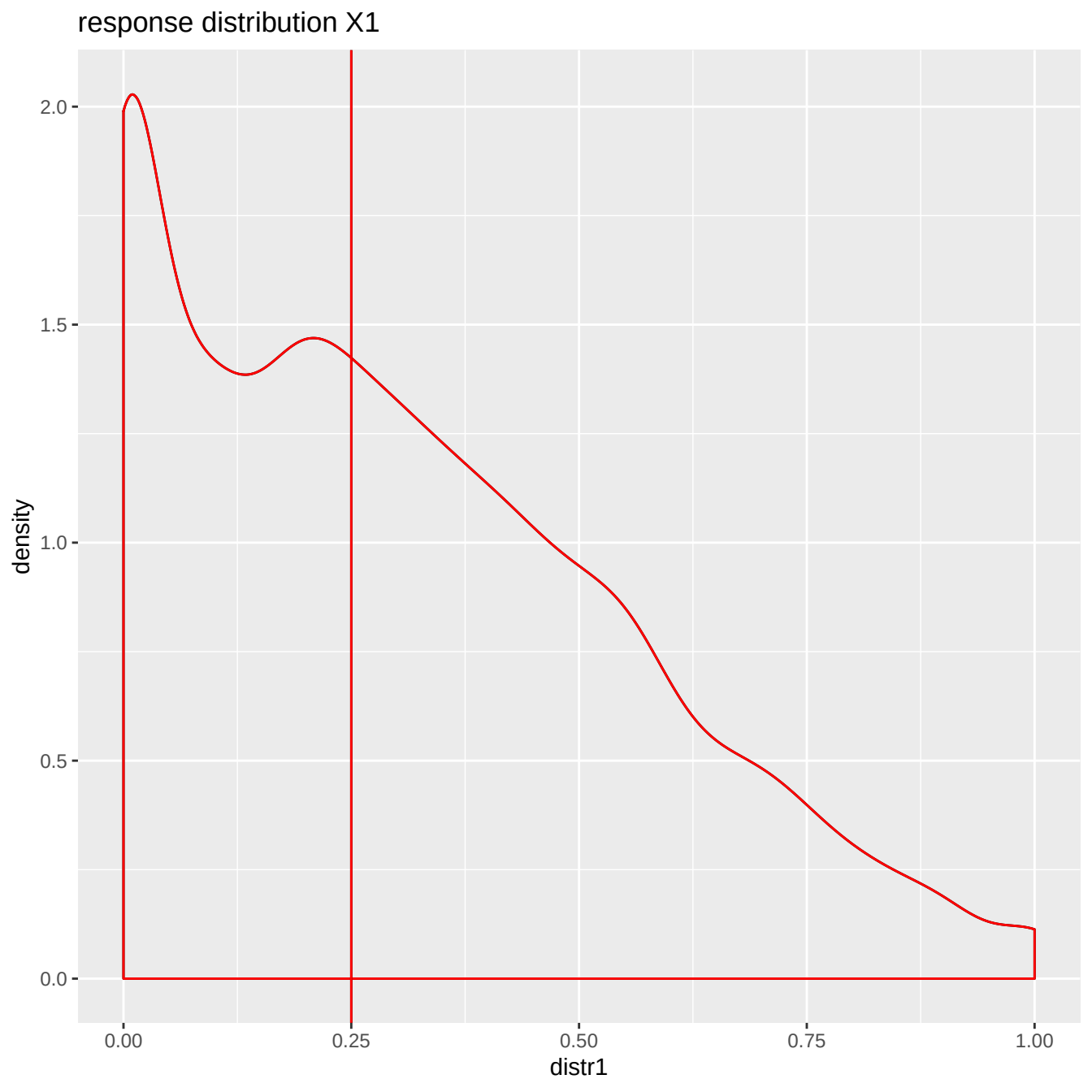

response distribution X2|Y==0 & X1==0
density
2.0
1.5
1.0
0.5
0.0
0.00
0.25
0.50
0.75
1.00
distr1

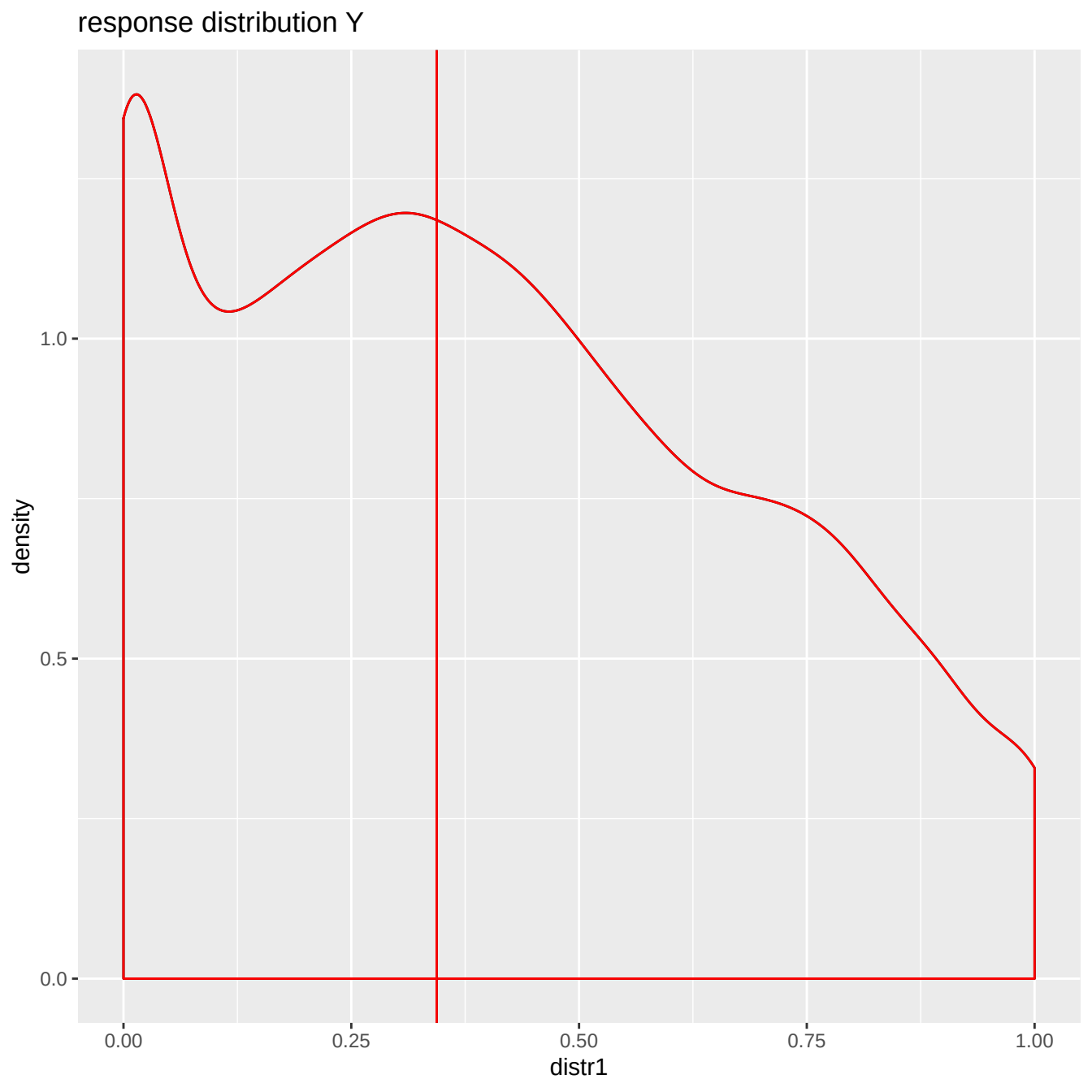

response distribution X2|Y==1 & X1==0
density
3
2
1
0
0.00
0.25
0.50
0.75
1.00
distr1

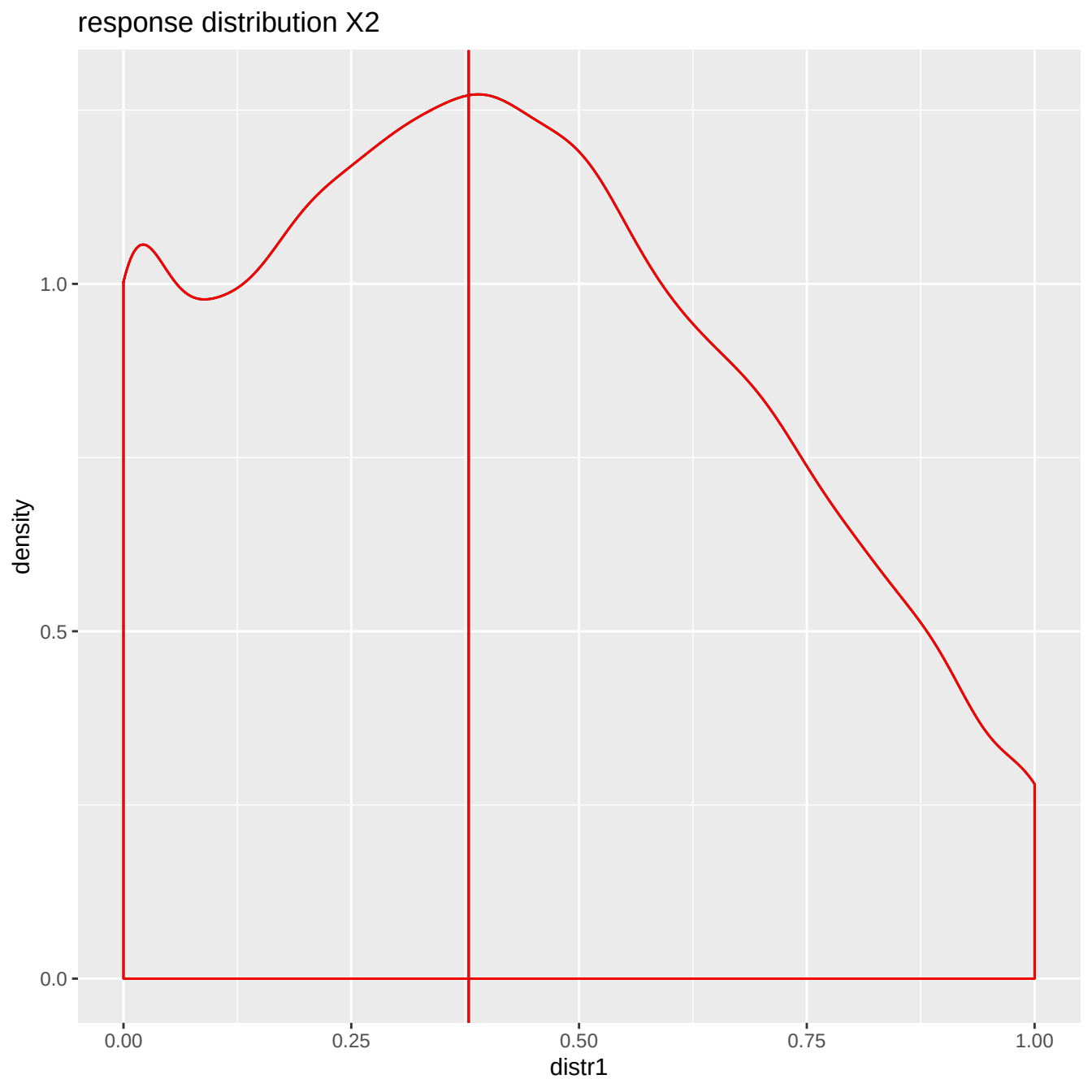

response distribution X2|X1==1
density
distr1
2.5
2.0
1.5
1.0
0.5
0.0
0.00
0.25
0.50
0.75
1.00


response distribution X2|Y==0 & X1==1
density
4
3
2
1
0
0.00
0.25
0.50
0.75
1.00
distr1


response distribution X2|Y==1 & X1==1
density
3
2
1
0
0.00
0.25
0.50
0.75
1.00
distr1


response distribution X1
density
2.0
1.5
1.0
0.5
0.0
0.00
0.25
0.50
0.75
1.00
distr1


response distribution Y
density
1.0
0.5
0.0
0.00
0.25
0.50
0.75
1.00
distr1


response distribution X2
density
1.0
0.5
0.0
0.00
0.25
0.50
0.75
1.00
distr1