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	0.04959375
1	1	0	0.03665625
1	0	1	0.0095625
1	0	0	0.0541875
0	1	1	0.0733125
0	1	0	0.0541875
0	0	1	0.108375
0	0	0	0.614125

causal strengths

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

baserates 0.15 0.15 0.15

mean sim joint distr

state	X1	Y	X2	p
1	1	1	1	0.11343077
2	1	1	0	0.04829231
3	1	0	1	0.01306154
4	1	0	0	0.05240000
5	0	1	1	0.09169231
6	0	1	0	0.05555385
7	0	0	1	0.09686154
8	0	0	0	0.52870769

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	0.44240625
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

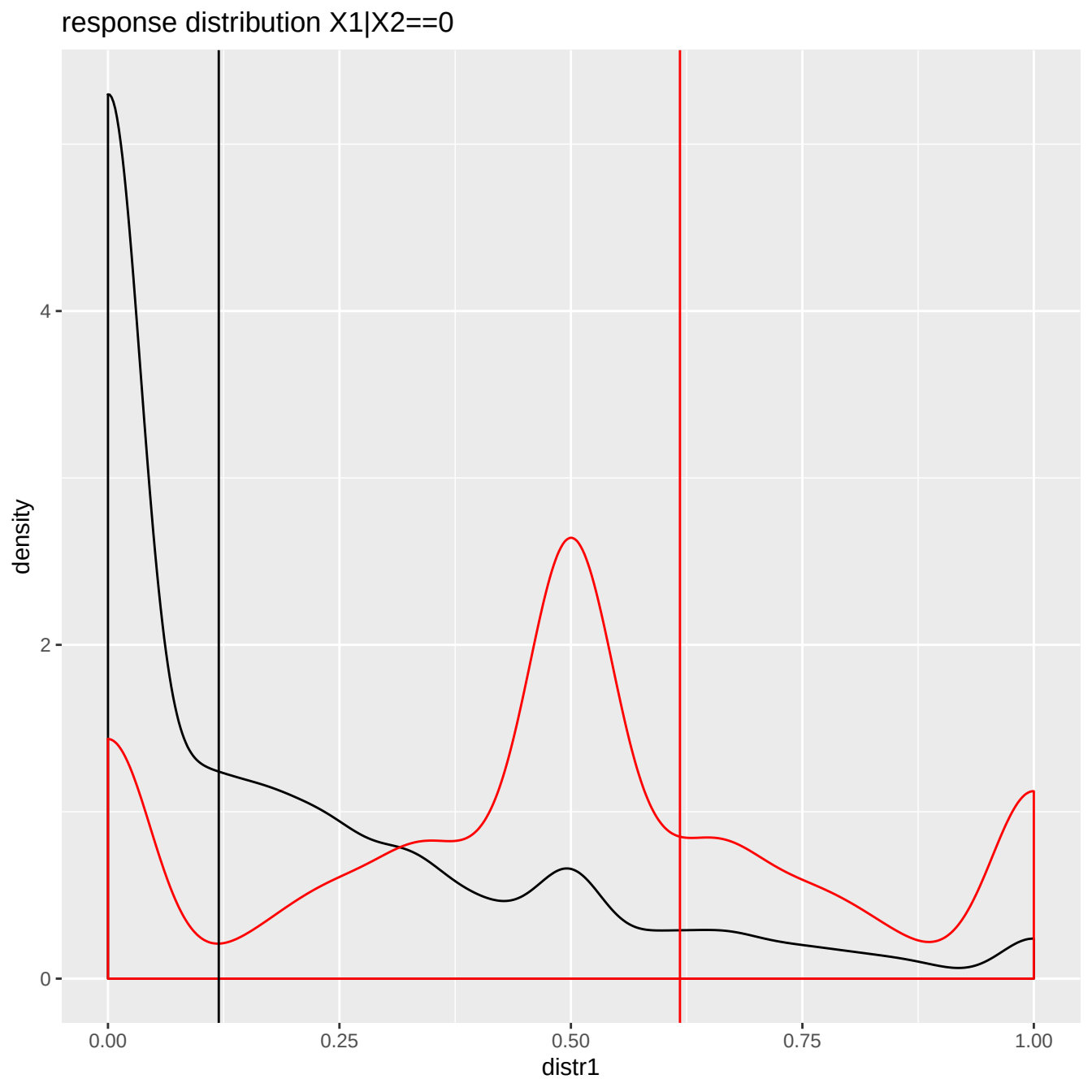
causal strengths

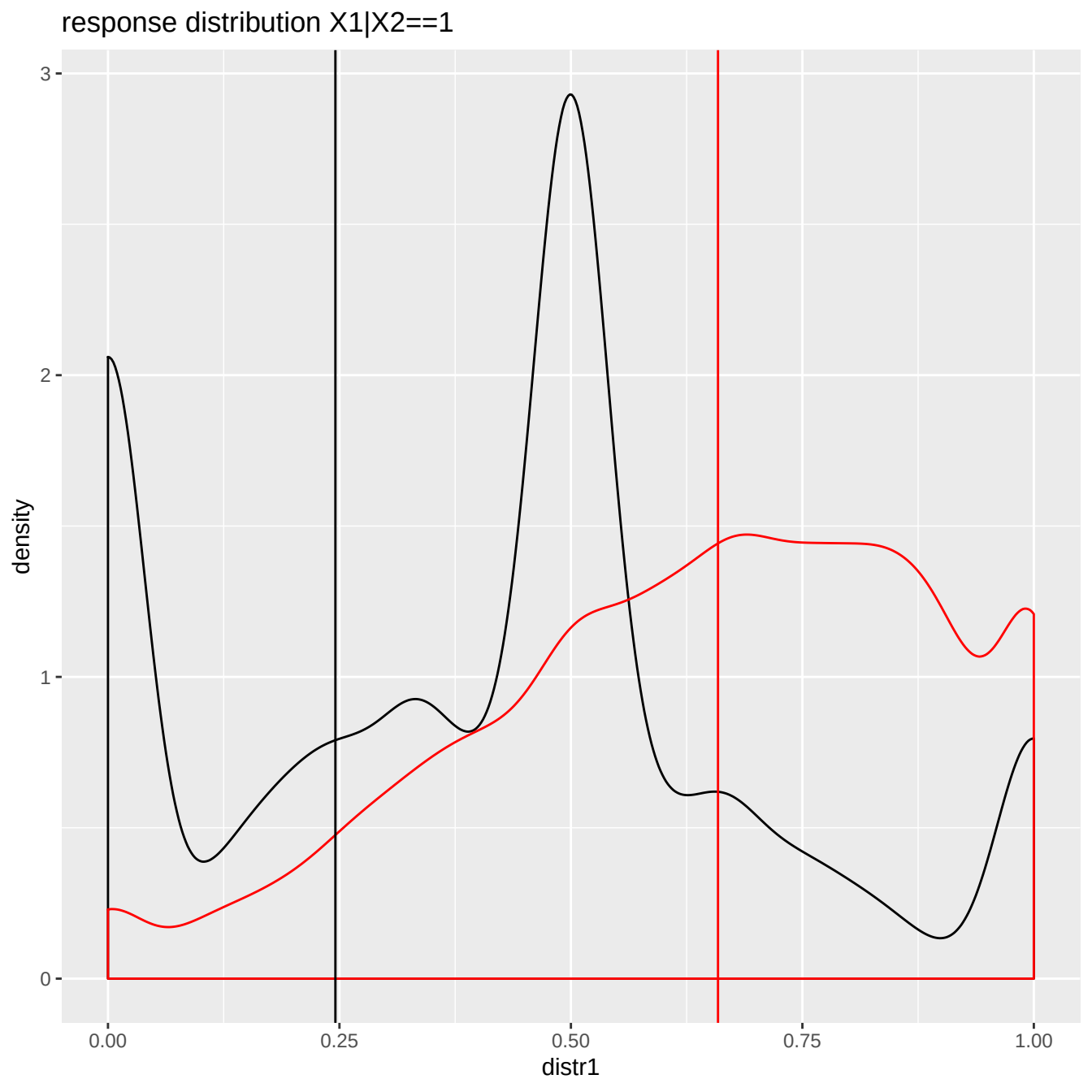
X1	Y	X2
0	0.5	0
0	0	0.5
0	0	0

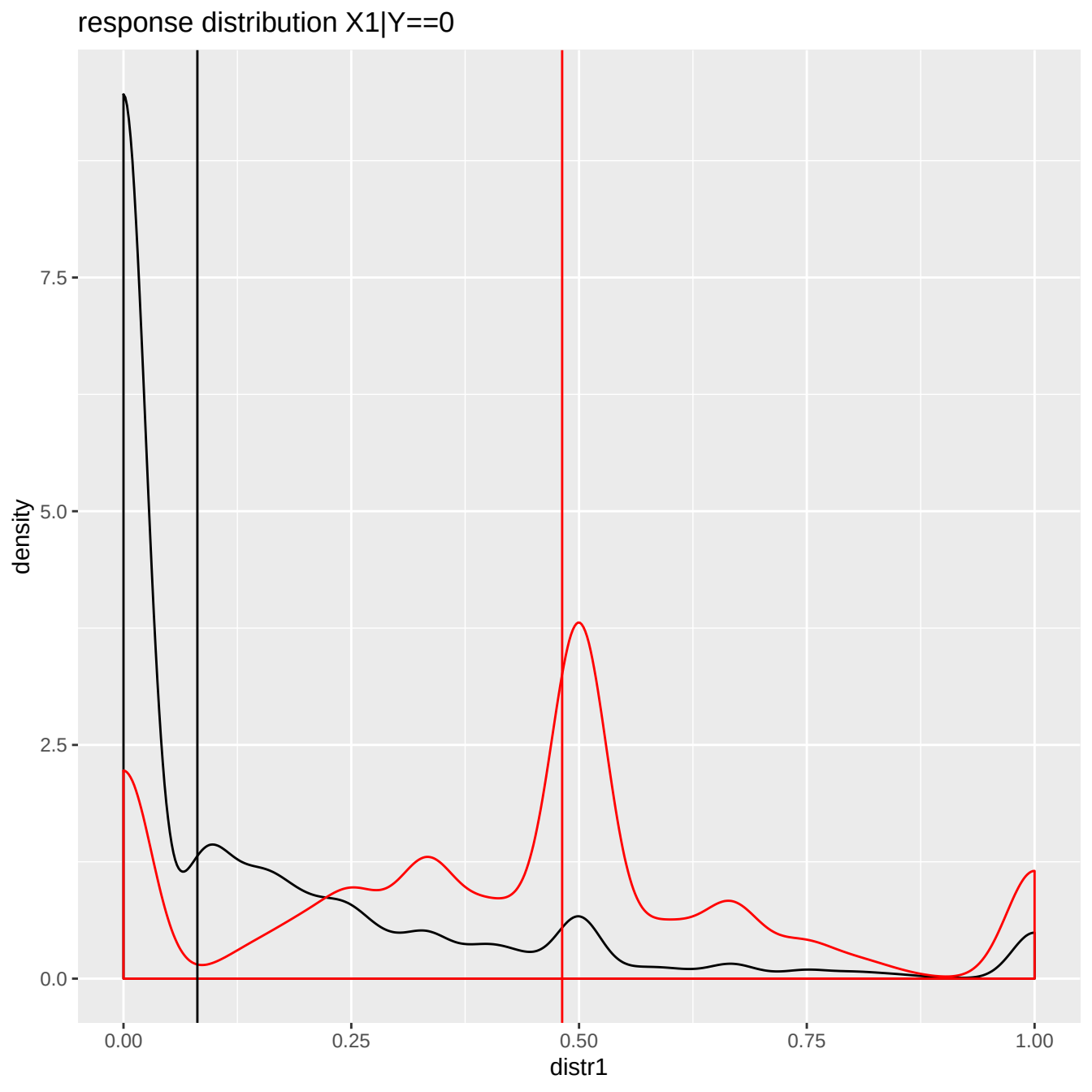
baserates 0.65 0.65 0.65

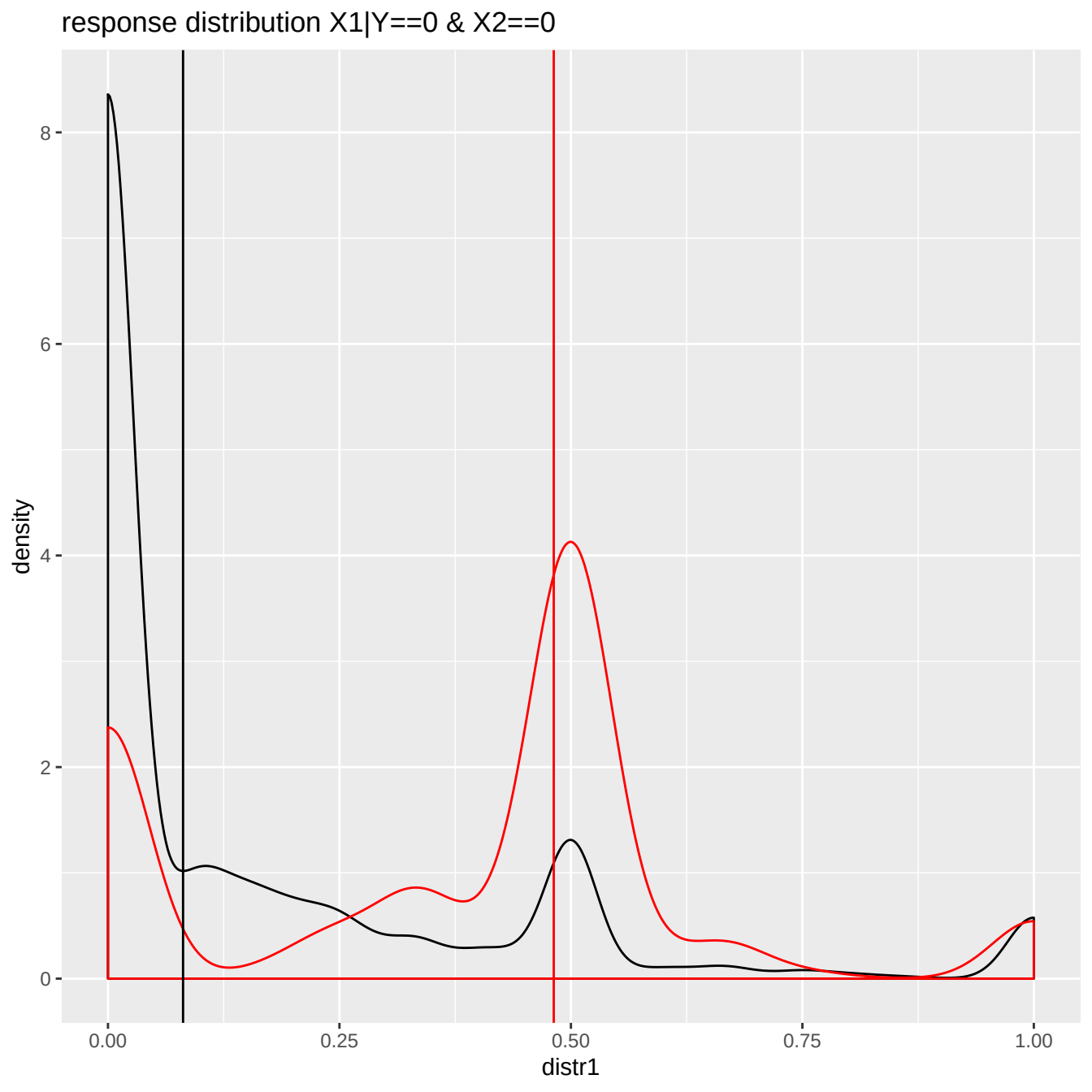
mean sim joint distr

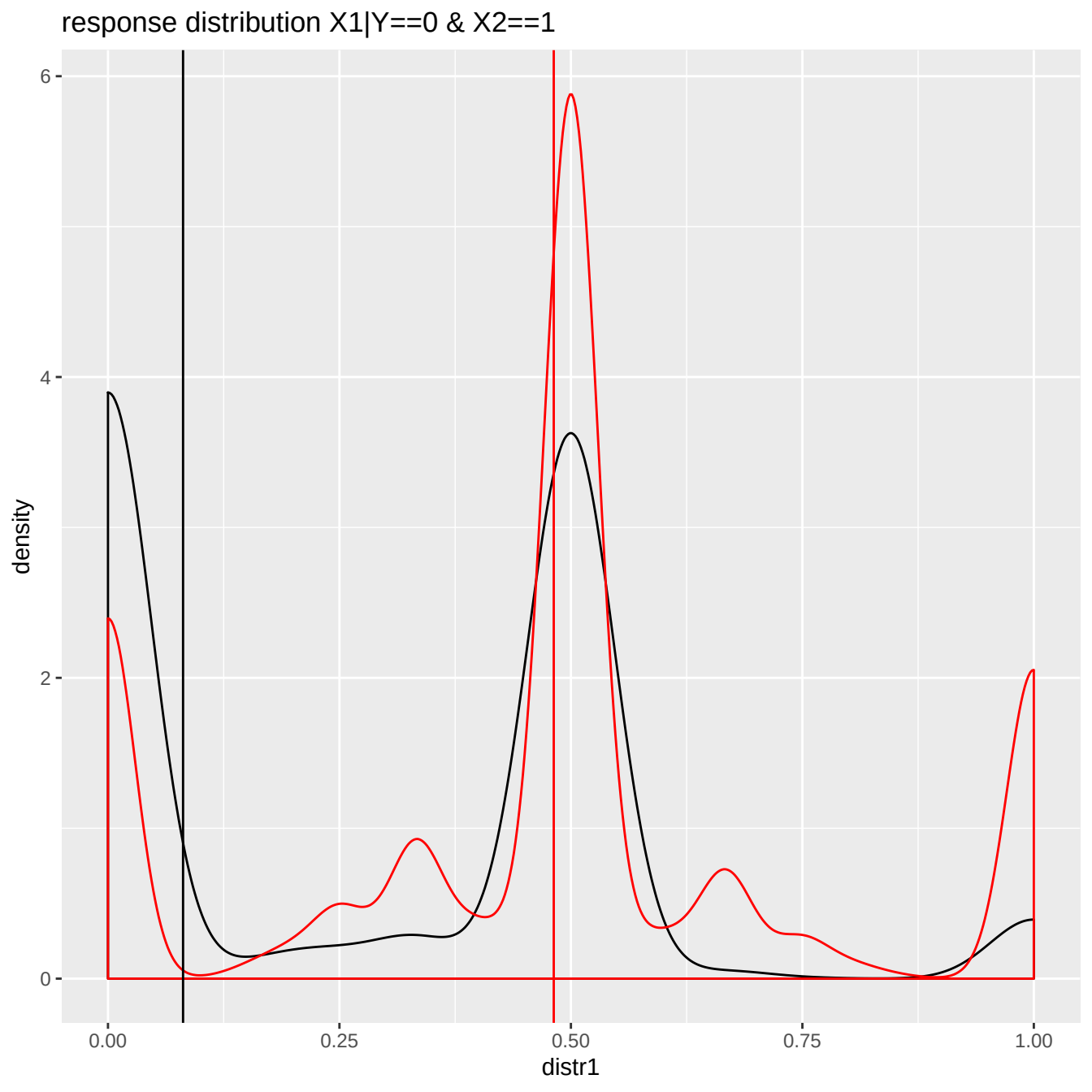
state	X1	Y	X2	p
1	1	1	1	0.40530769
2	1	1	0	0.08898462
3	1	0	1	0.07250769
4	1	0	0	0.04923077
5	0	1	1	0.16023077
6	0	1	0	0.04855385
7	0	0	1	0.08596923
8	0	0	0	0.08921538

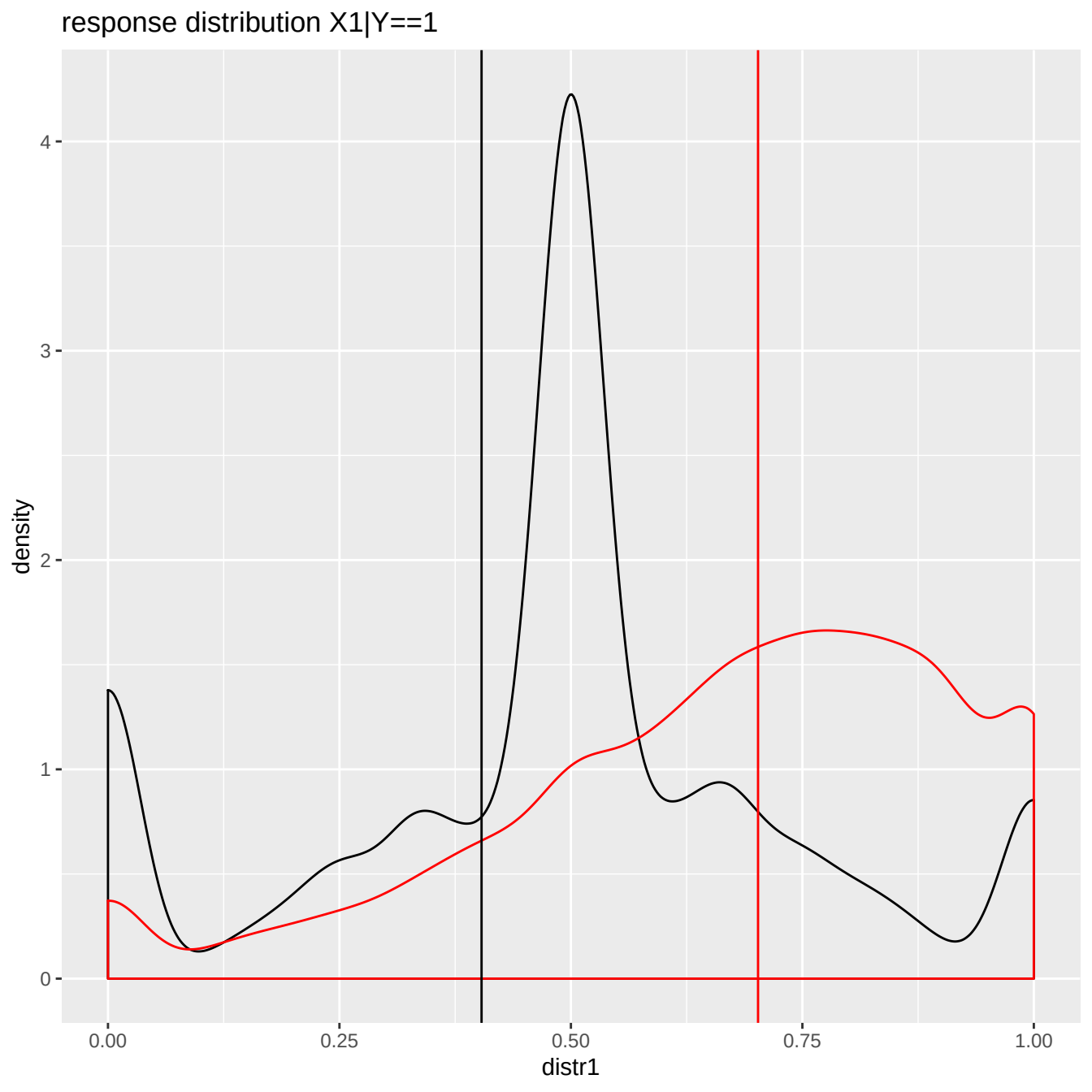

response distribution X1|X2==0
density
4
2
0
0.00
0.25
0.50
0.75
1.00
distr1

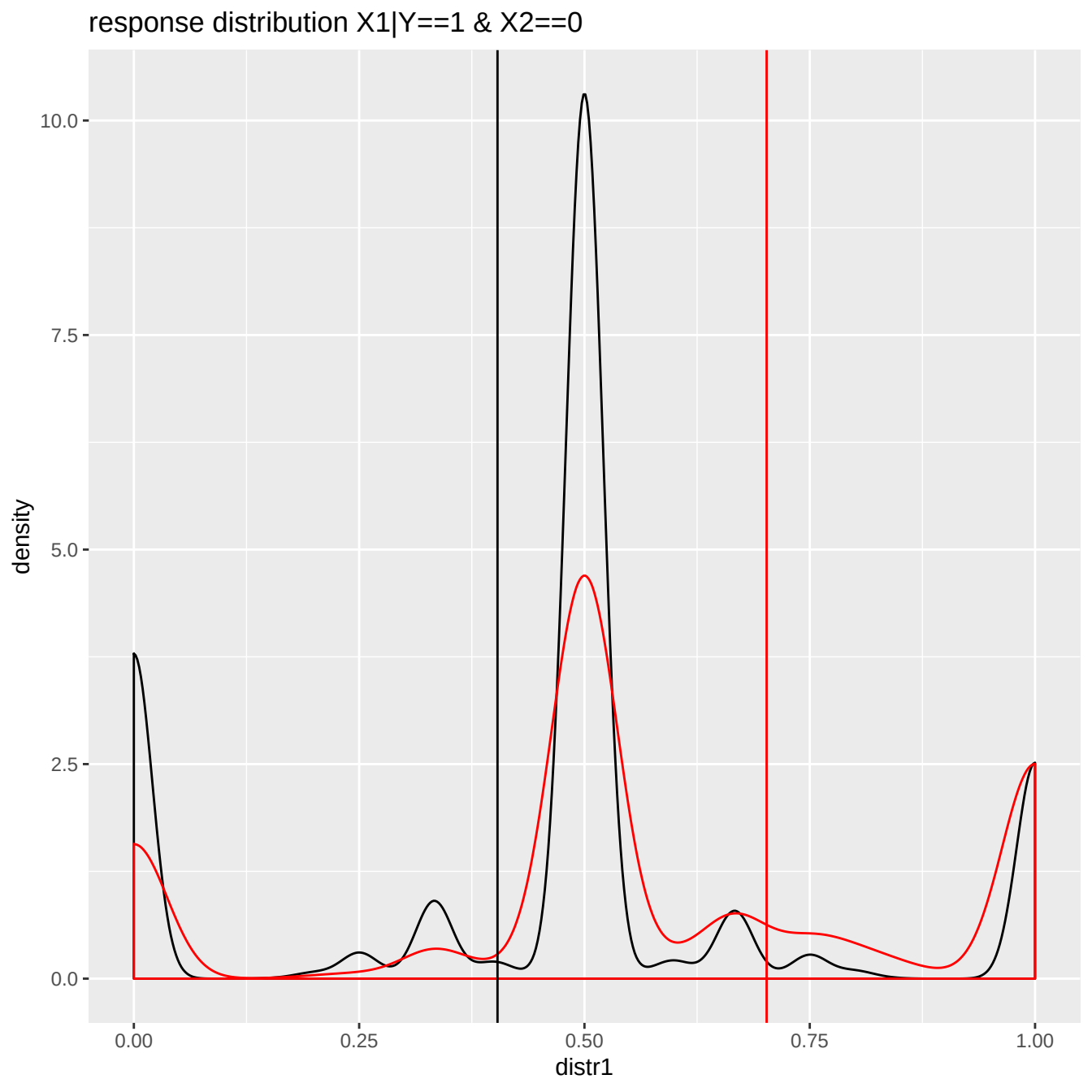

response distribution X1|X2==1
density
3
2
1
0
0.00
0.25
0.50
0.75
1.00
distr1


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


response distribution X1|Y==0 & X2==0
density
8
6
4
2
0
0.00
0.25
0.50
0.75
1.00
distr1


response distribution X1|Y==0 & X2==1
density
6
4
2
0
0.00
0.25
0.50
0.75
1.00
distr1


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


response distribution X1|Y==1 & X2==0
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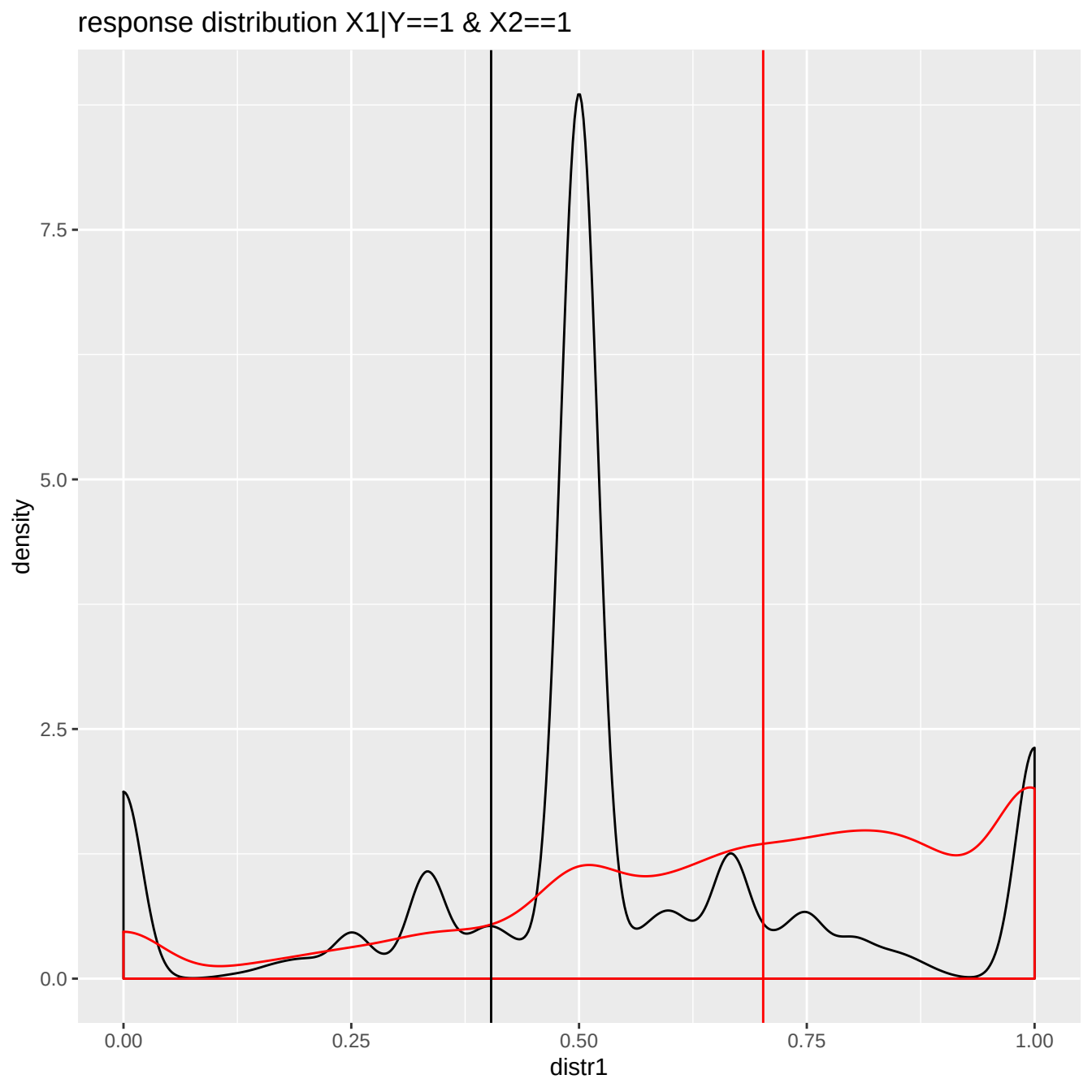
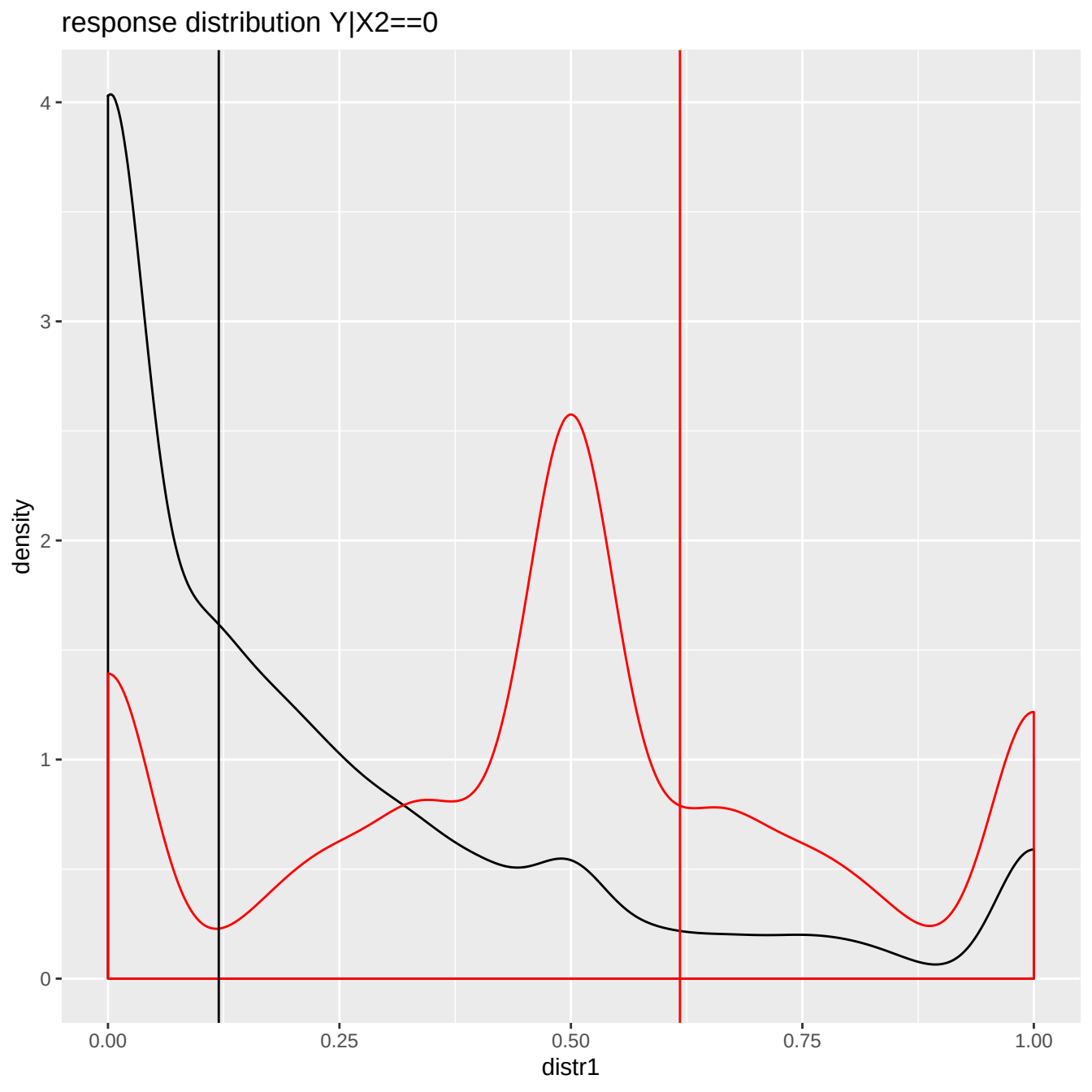
10.0
7.5
5.0
2.5
0.0
0.00
0.25
0.50
0.75
1.00
distr1


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


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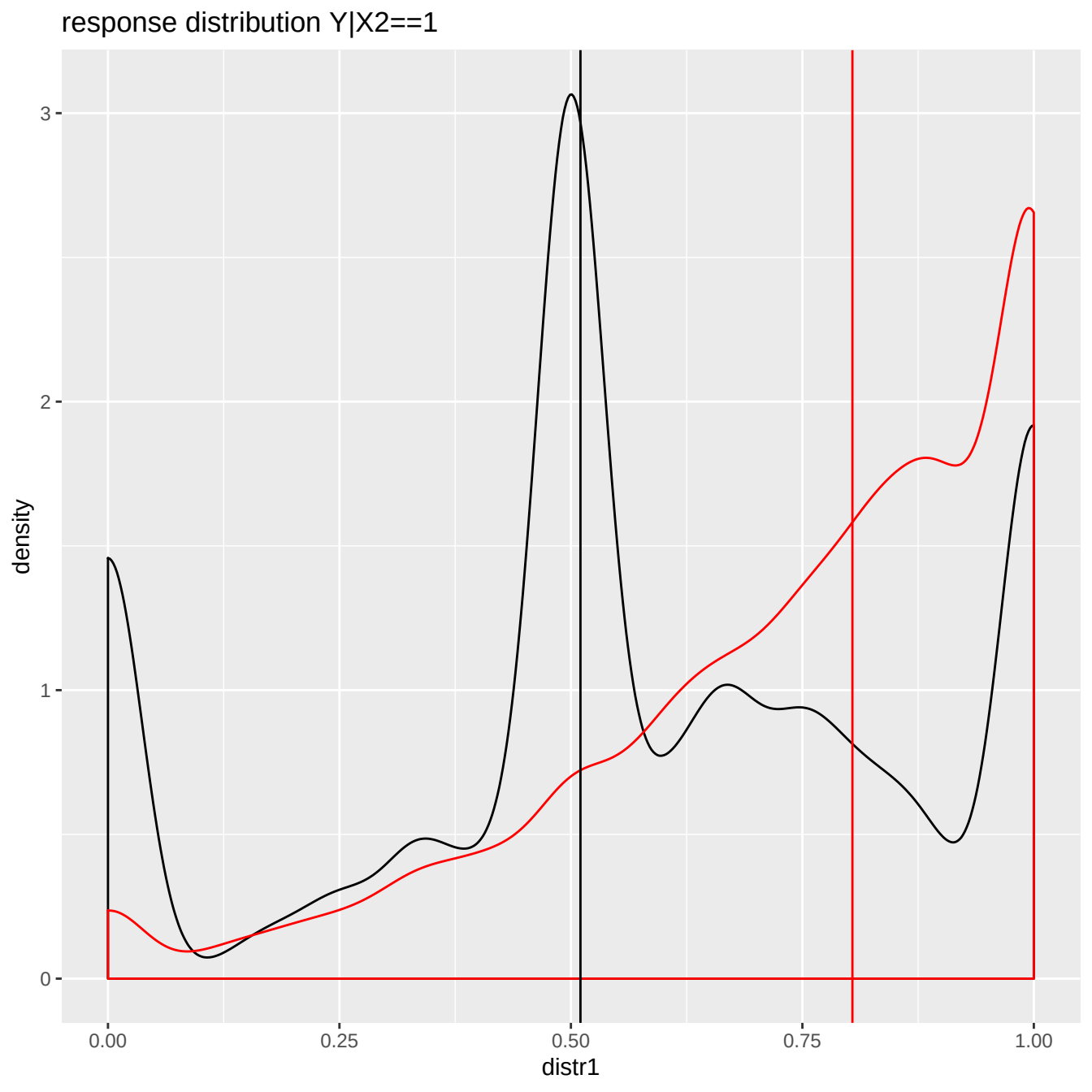
3
2
1
0
0.00
0.25
0.50
0.75
1.00
distr1


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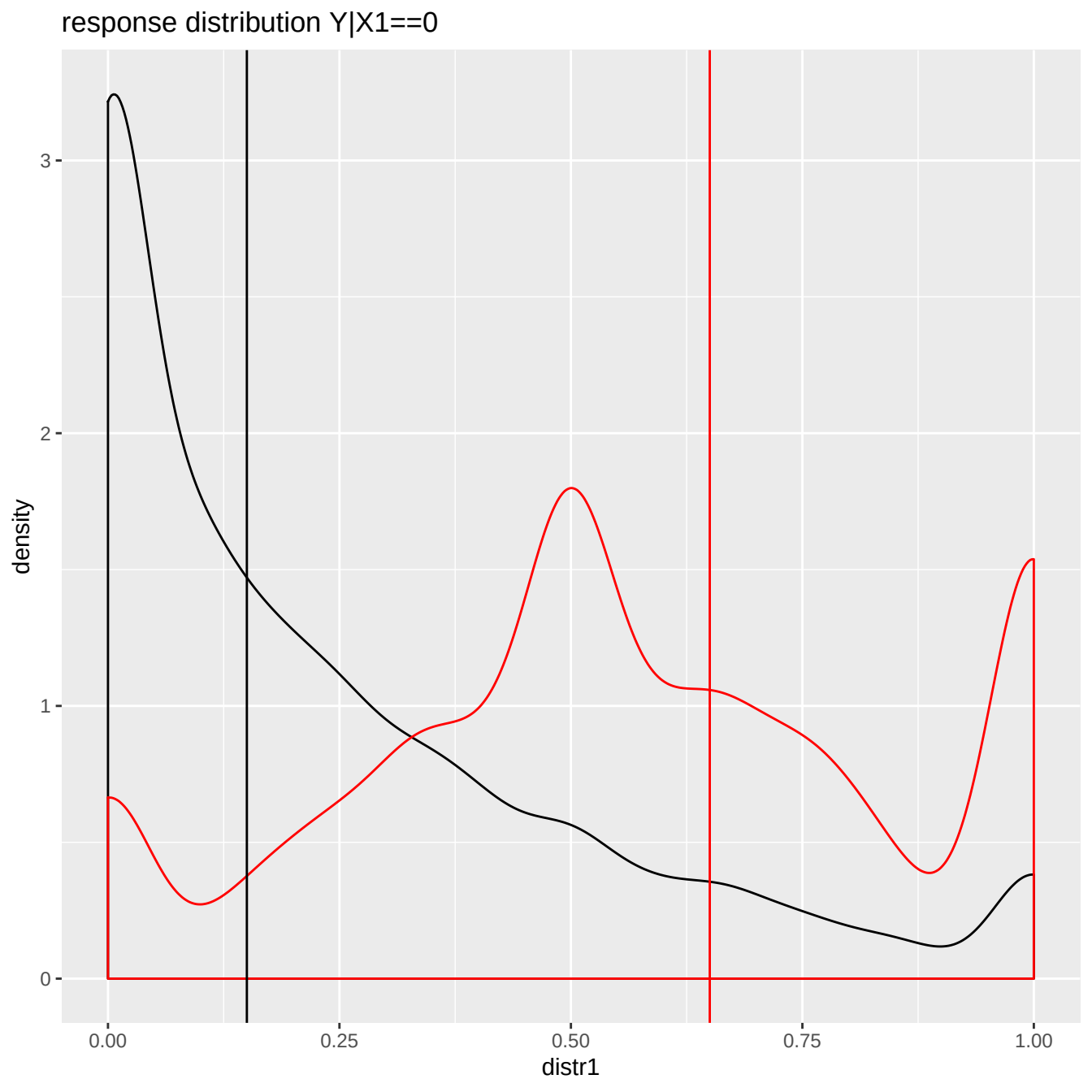
2
1
0
0.00
0.25
0.50
0.75
1.00
distr1


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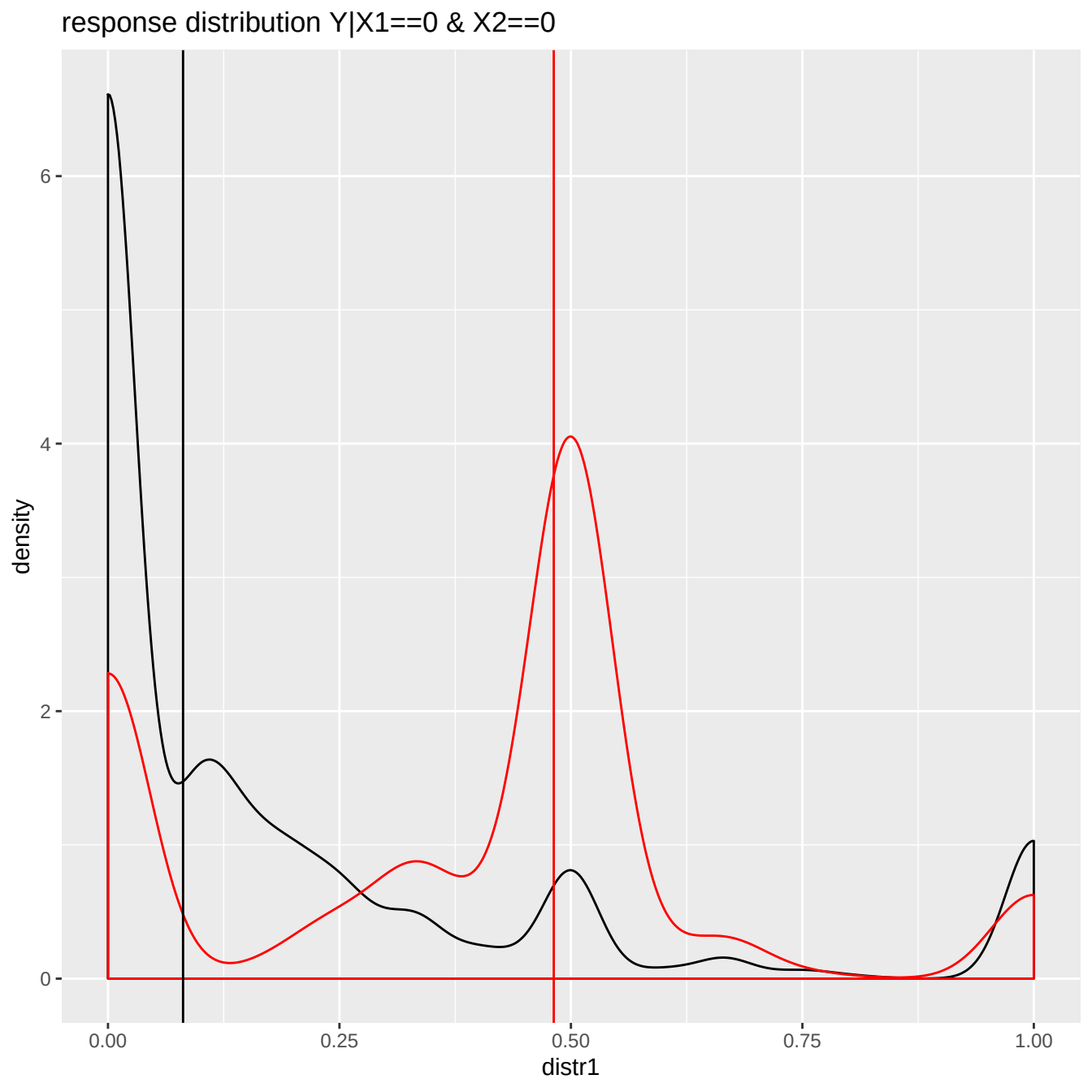
2
1
0
0.00
0.25
0.50
0.75
1.00
distr1


response distribution Y|X1==0 & X2==0
density
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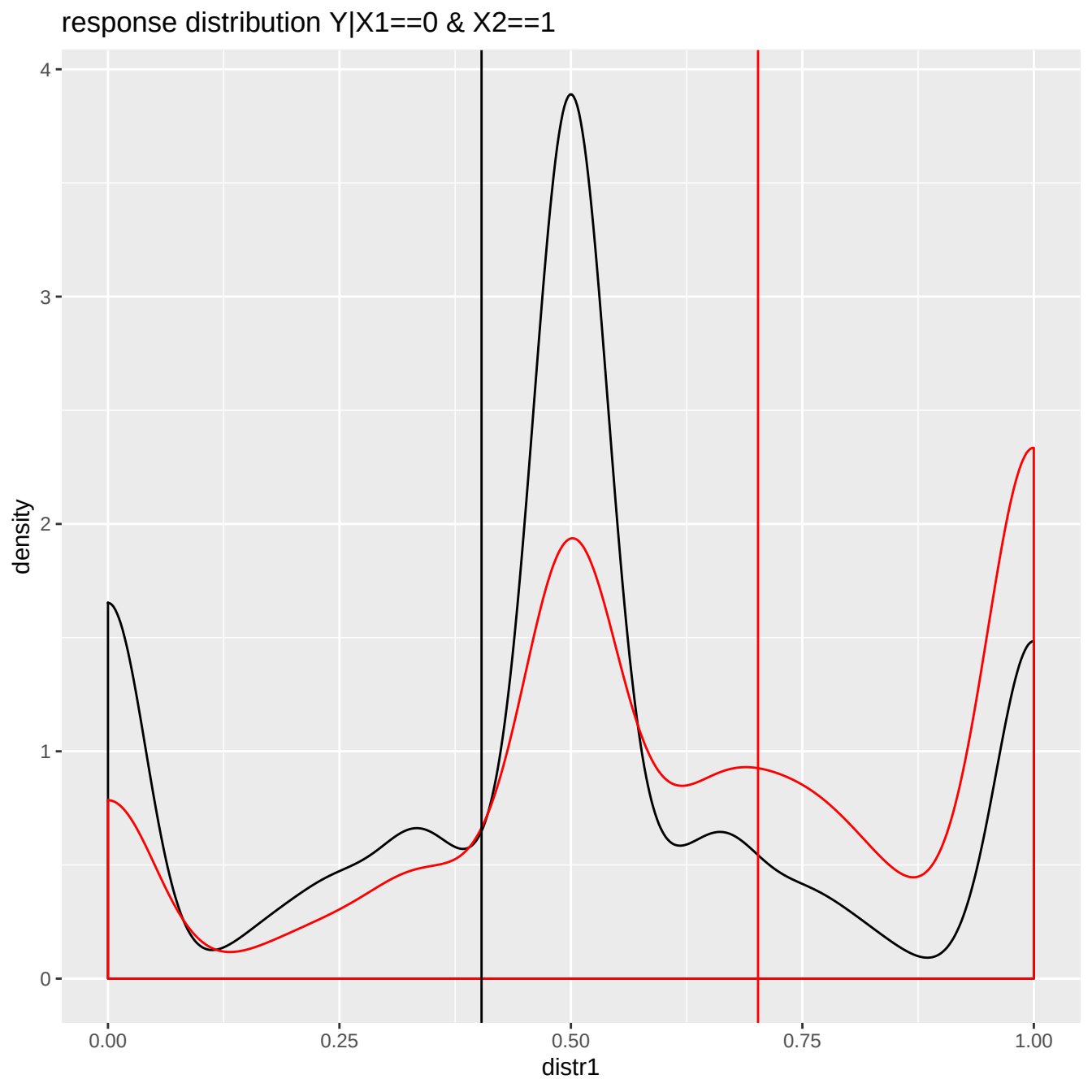
0.75
1.00
distr1


response distribution Y|X1==0 & X2==1
density
distr1
0
1
2
3
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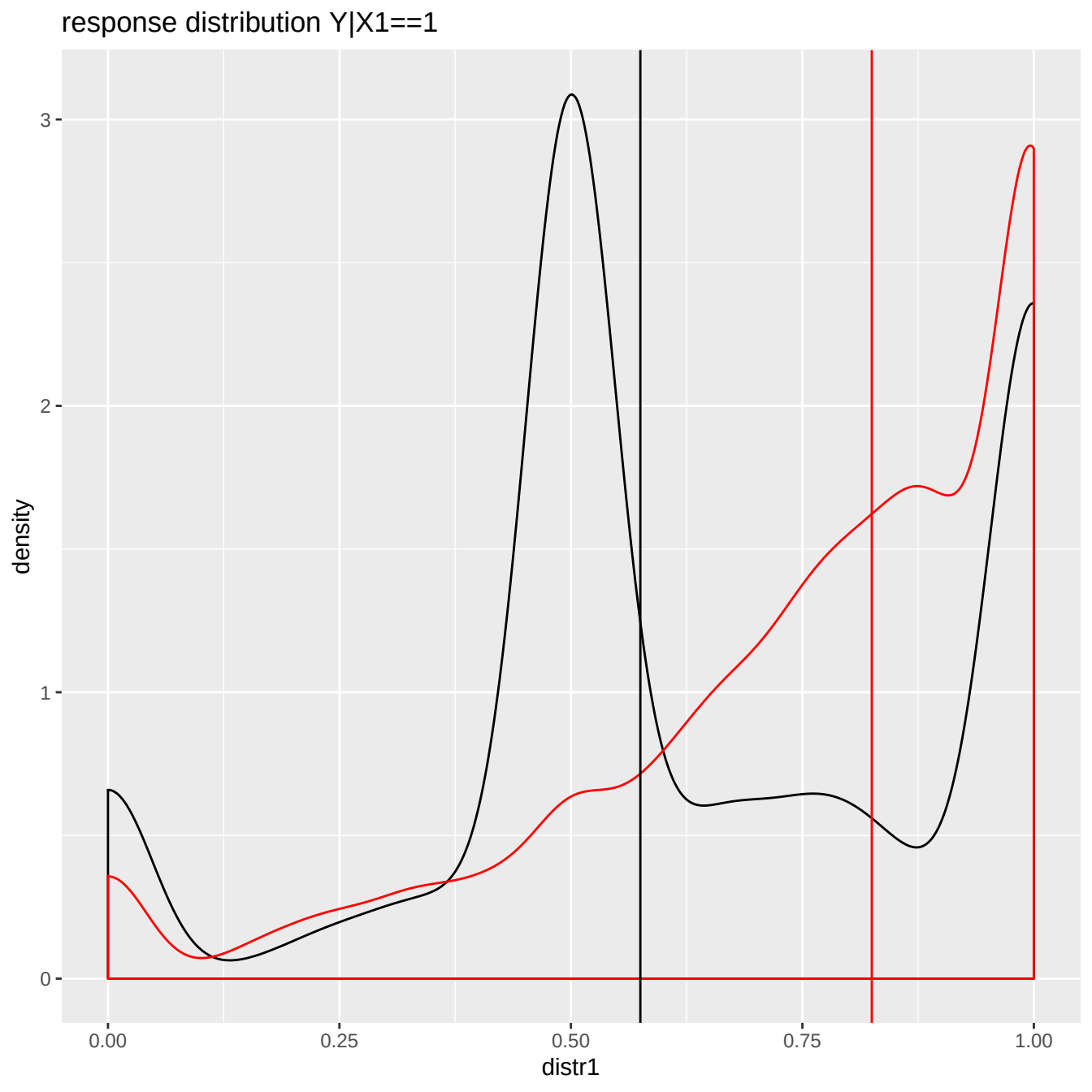
1.00


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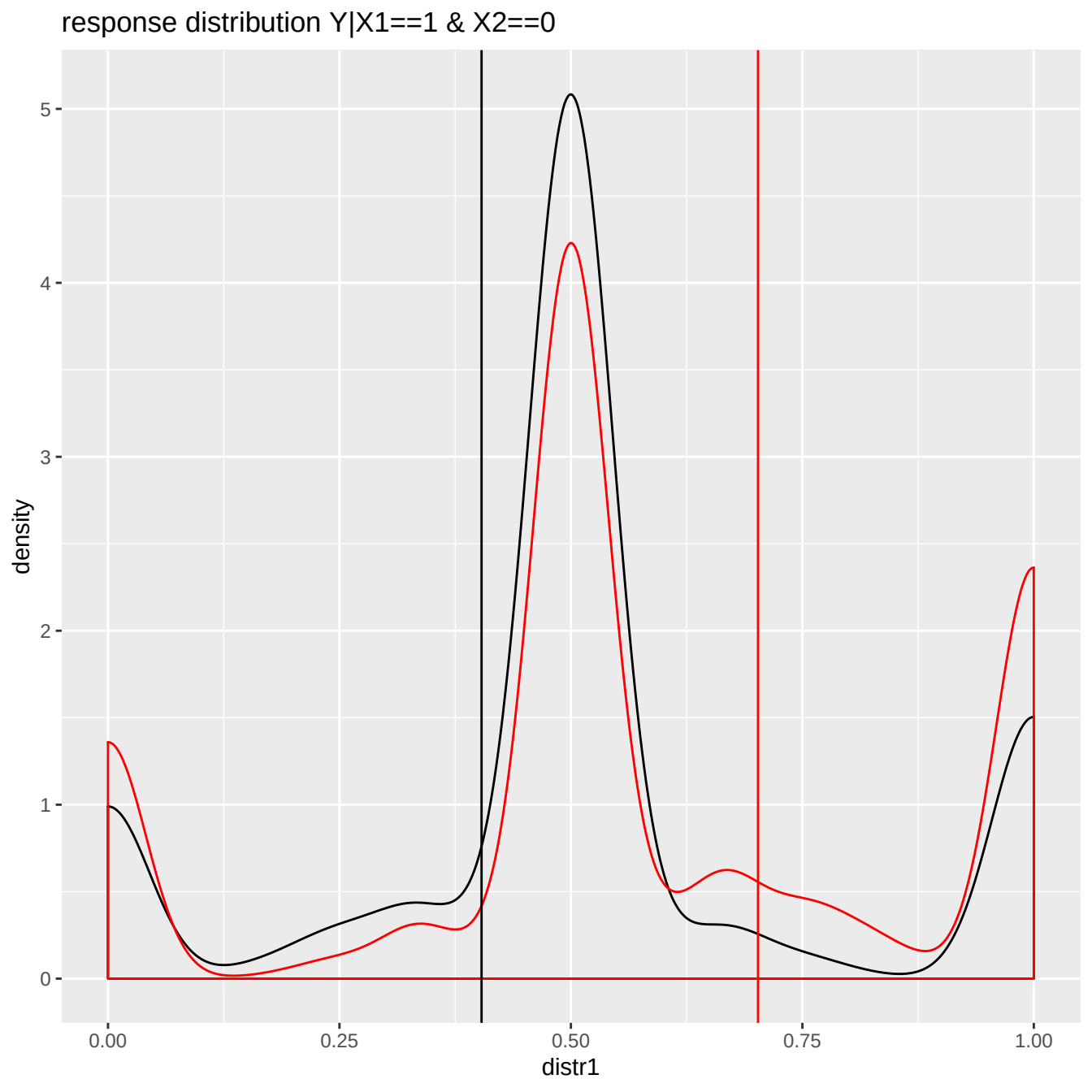
1
0
0.00
0.25
0.50
0.75
1.00
distr1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density
distr1
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1
2
3
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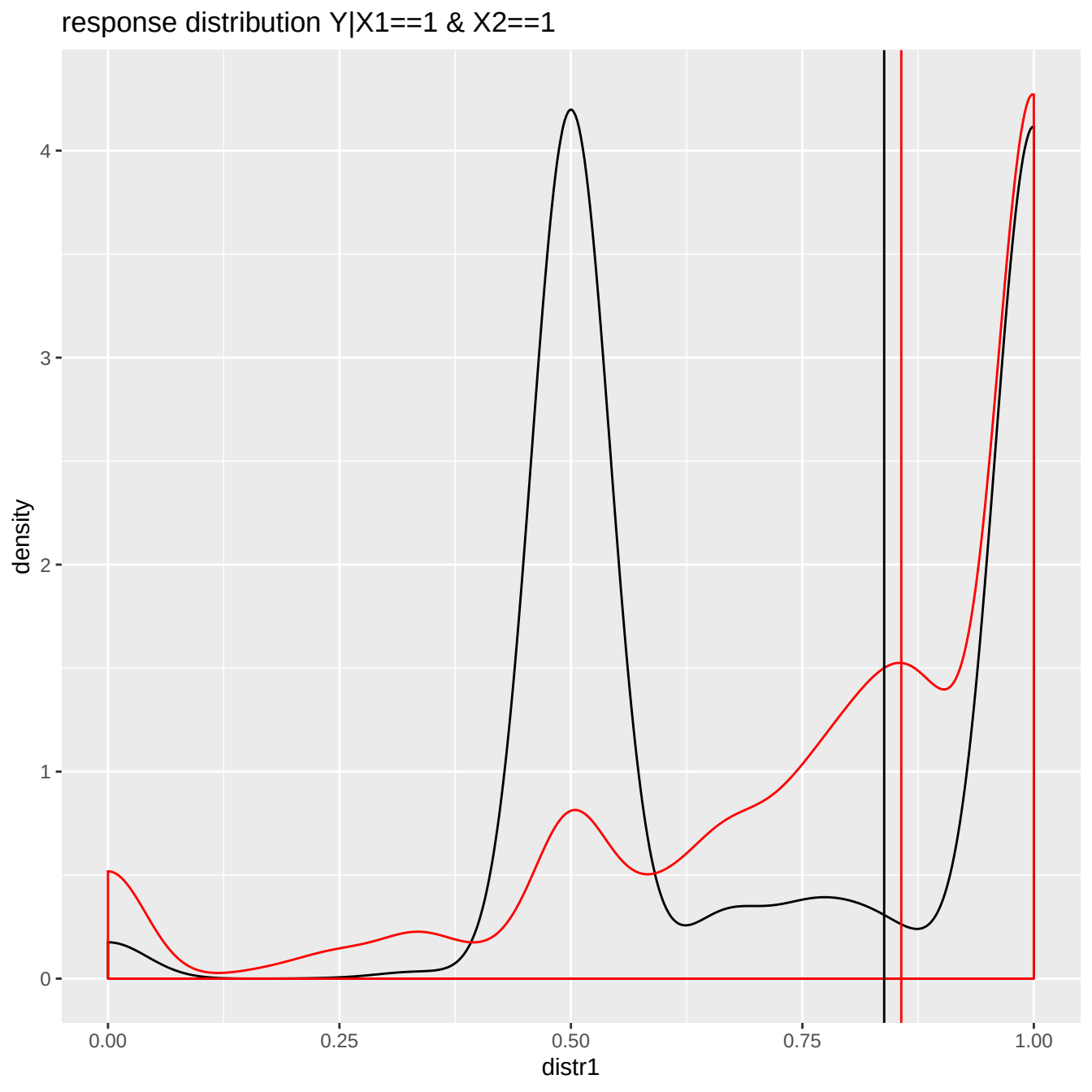
0.25
0.50
0.75
1.00


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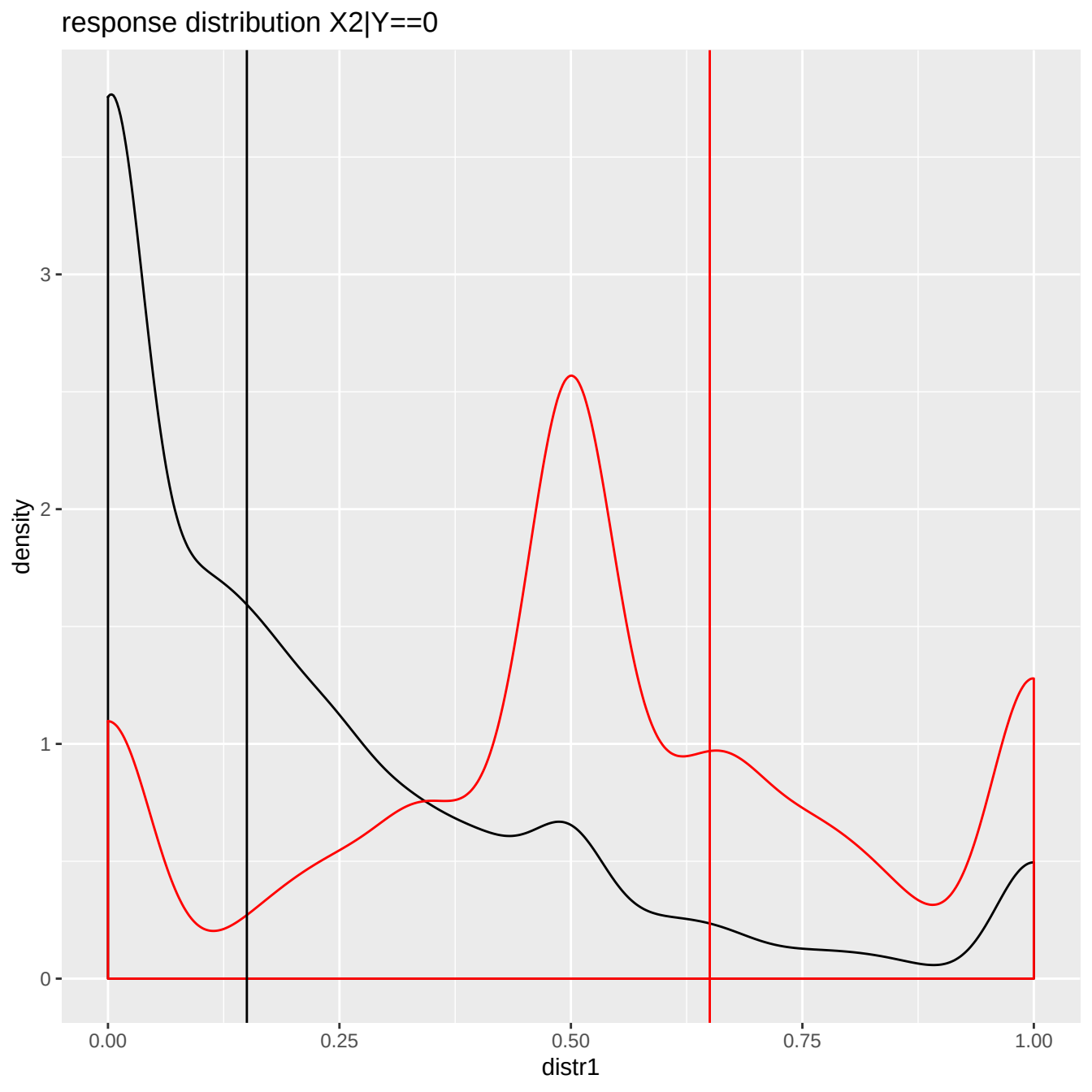
2
1
0
0.00
0.25
0.50
0.75
1.00
distr1


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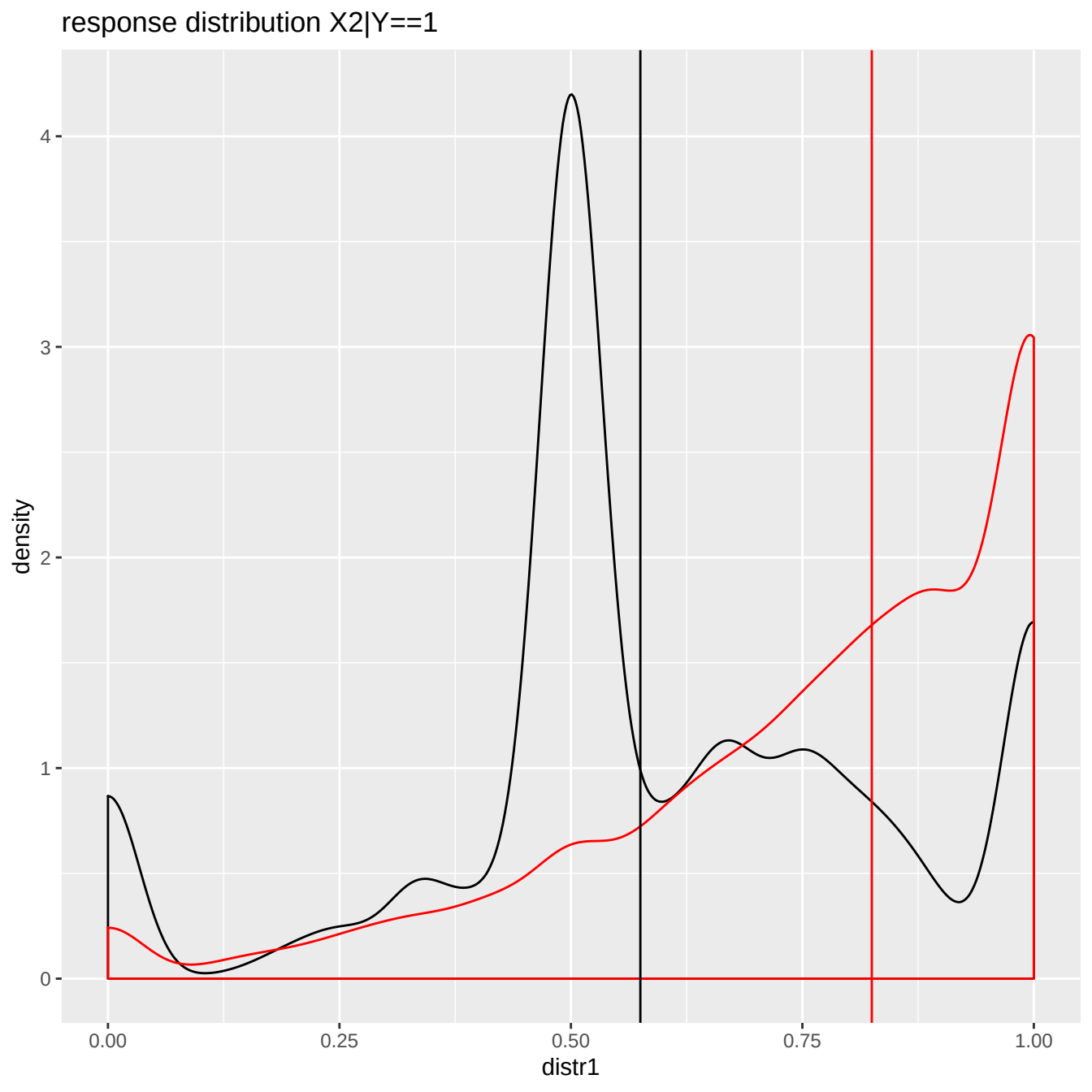
0.75
1.00
distr1


response distribution X2|Y==1
density
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2
1
0
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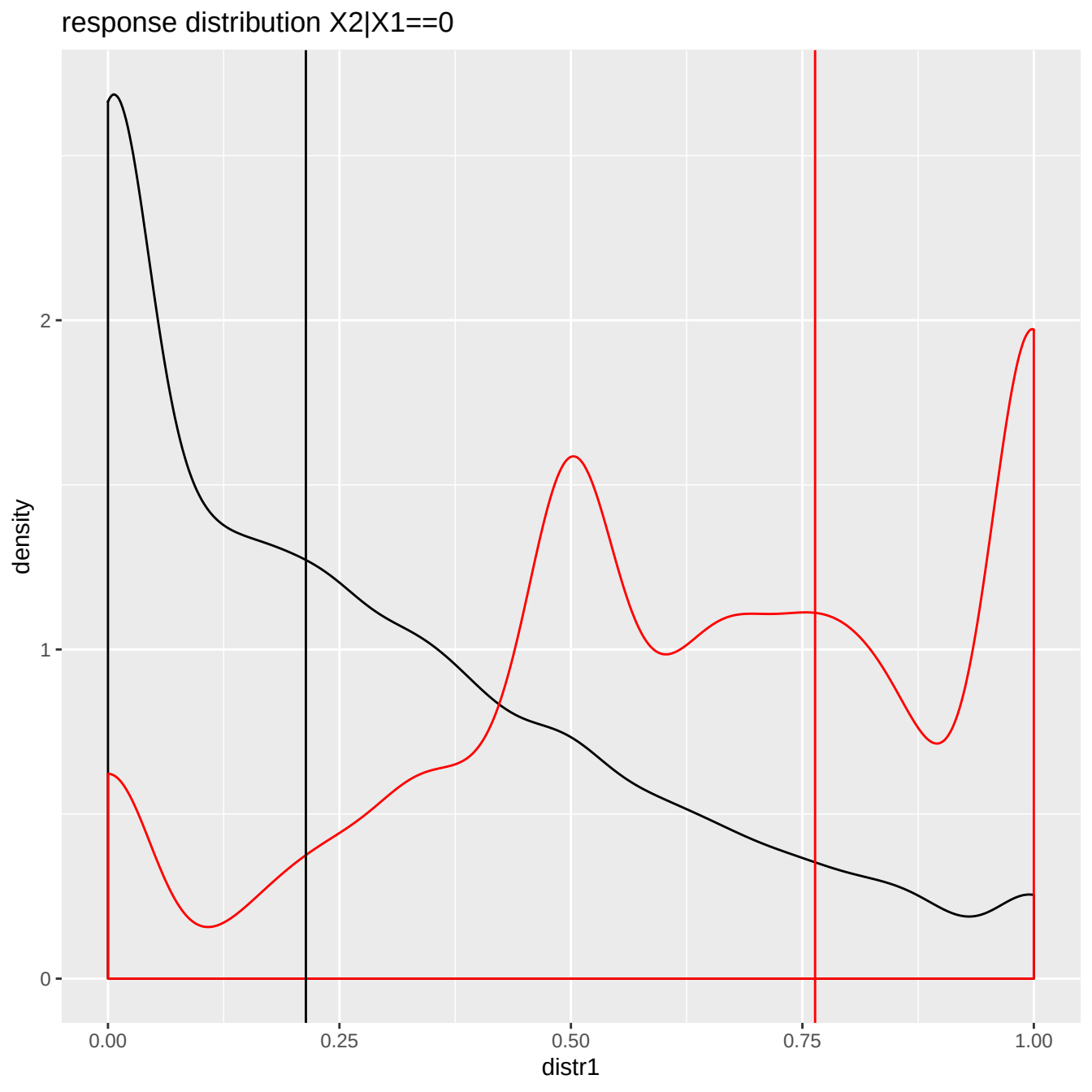
distr1


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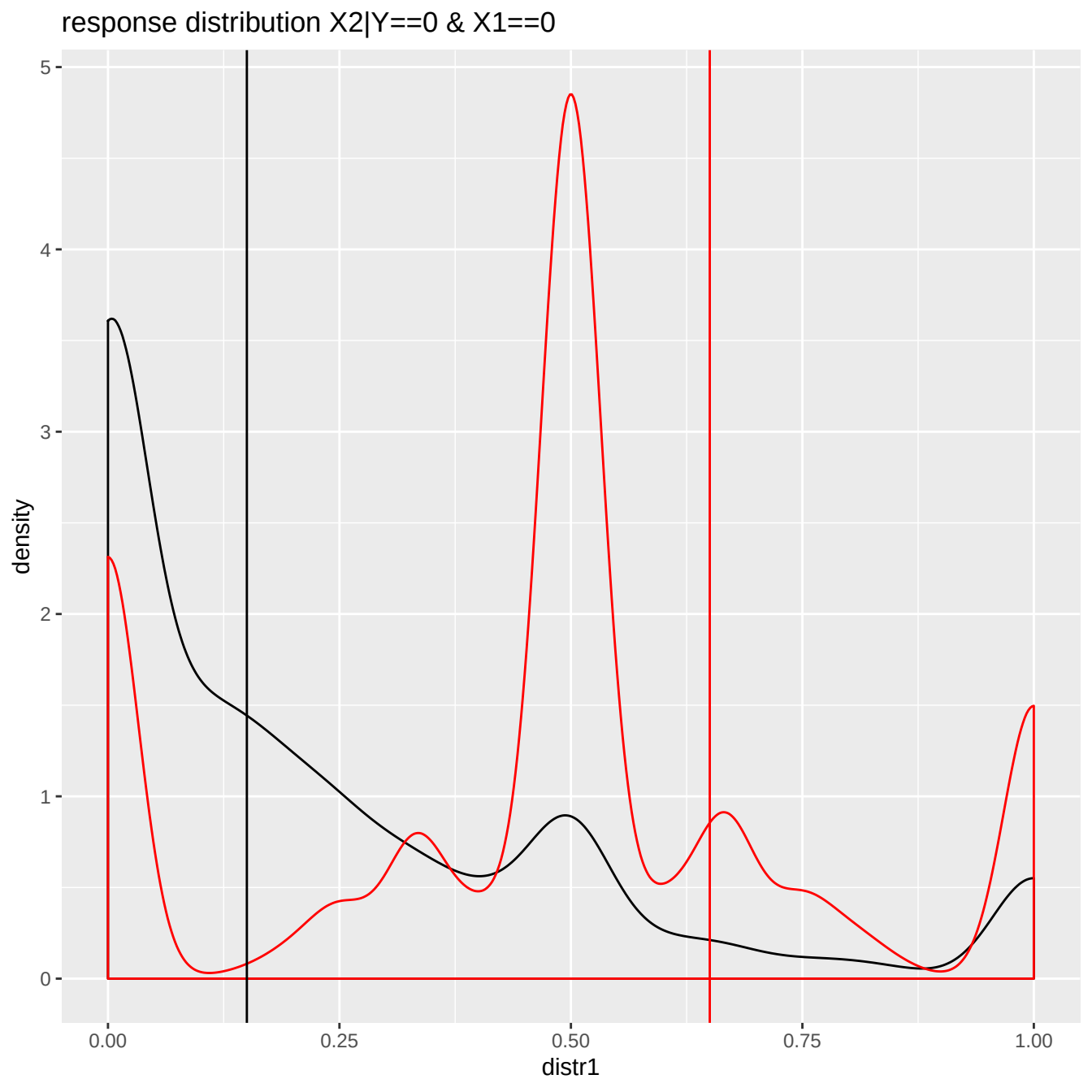
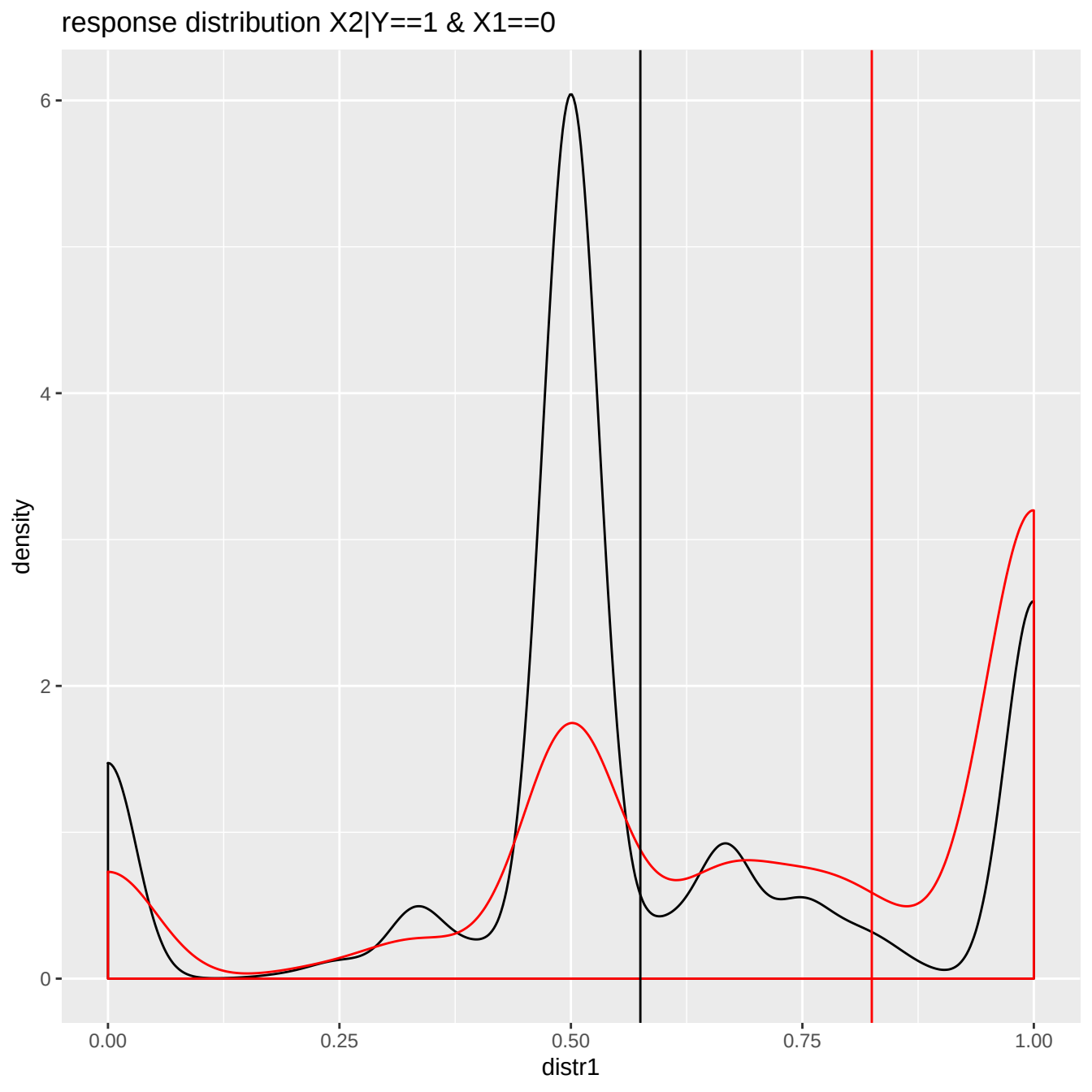
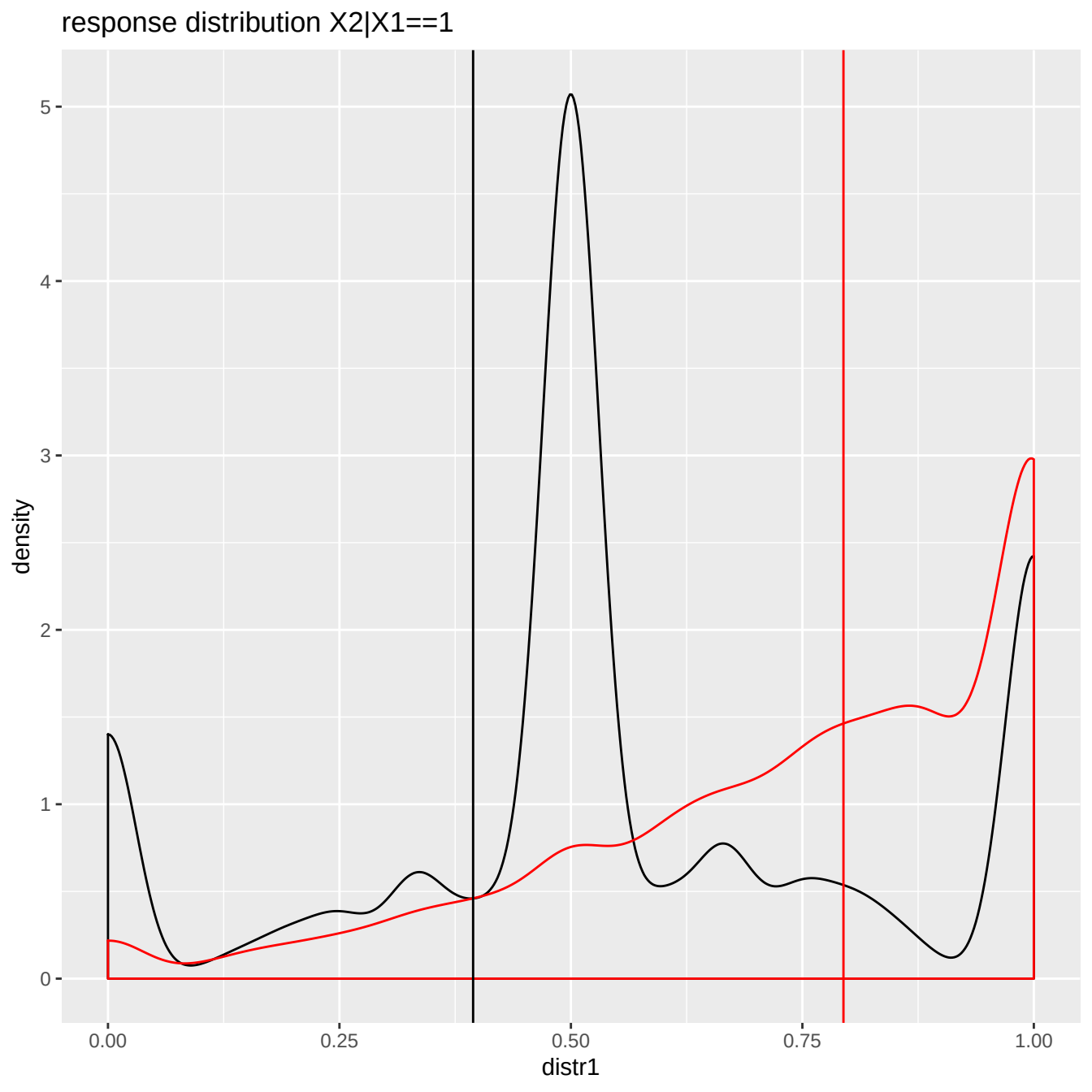
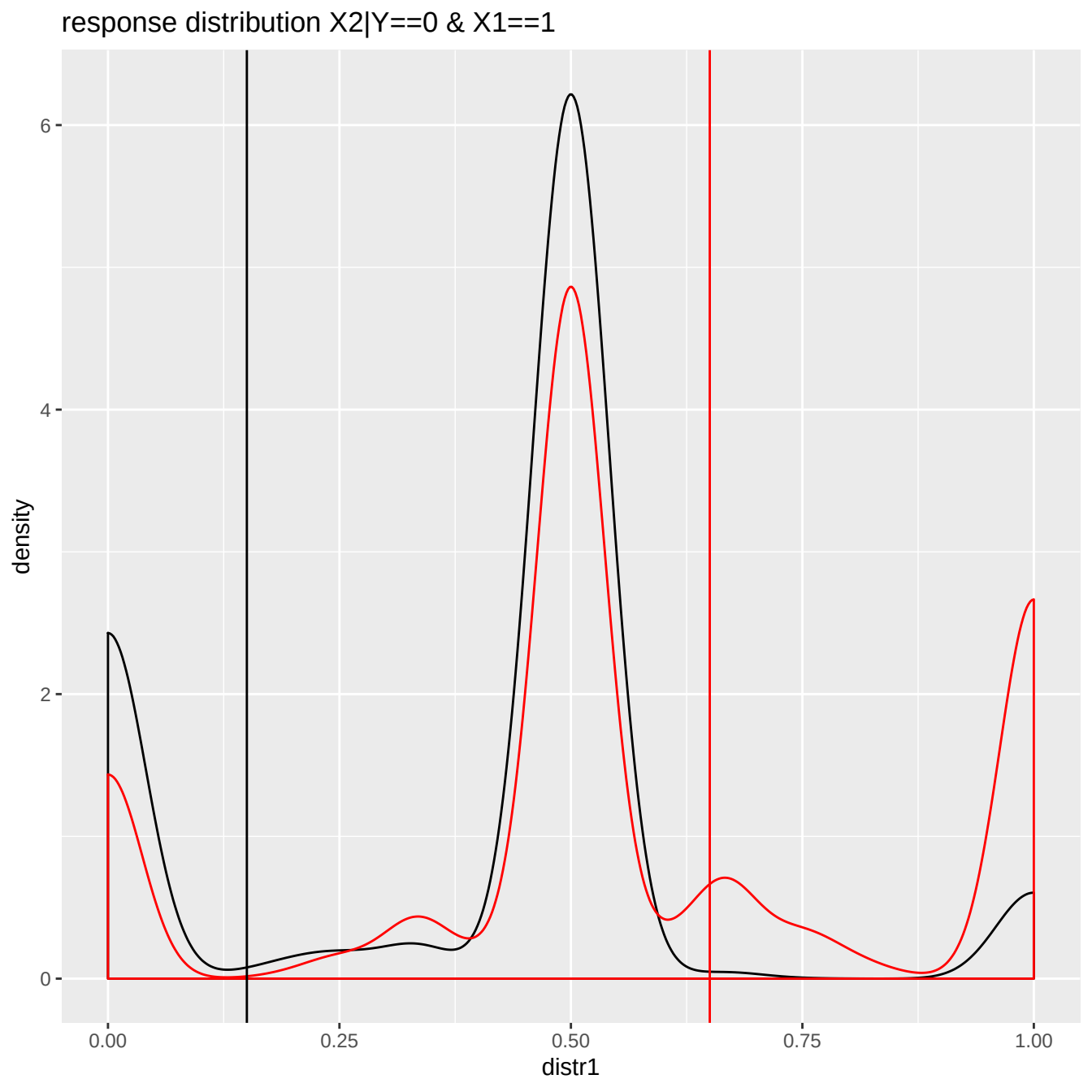
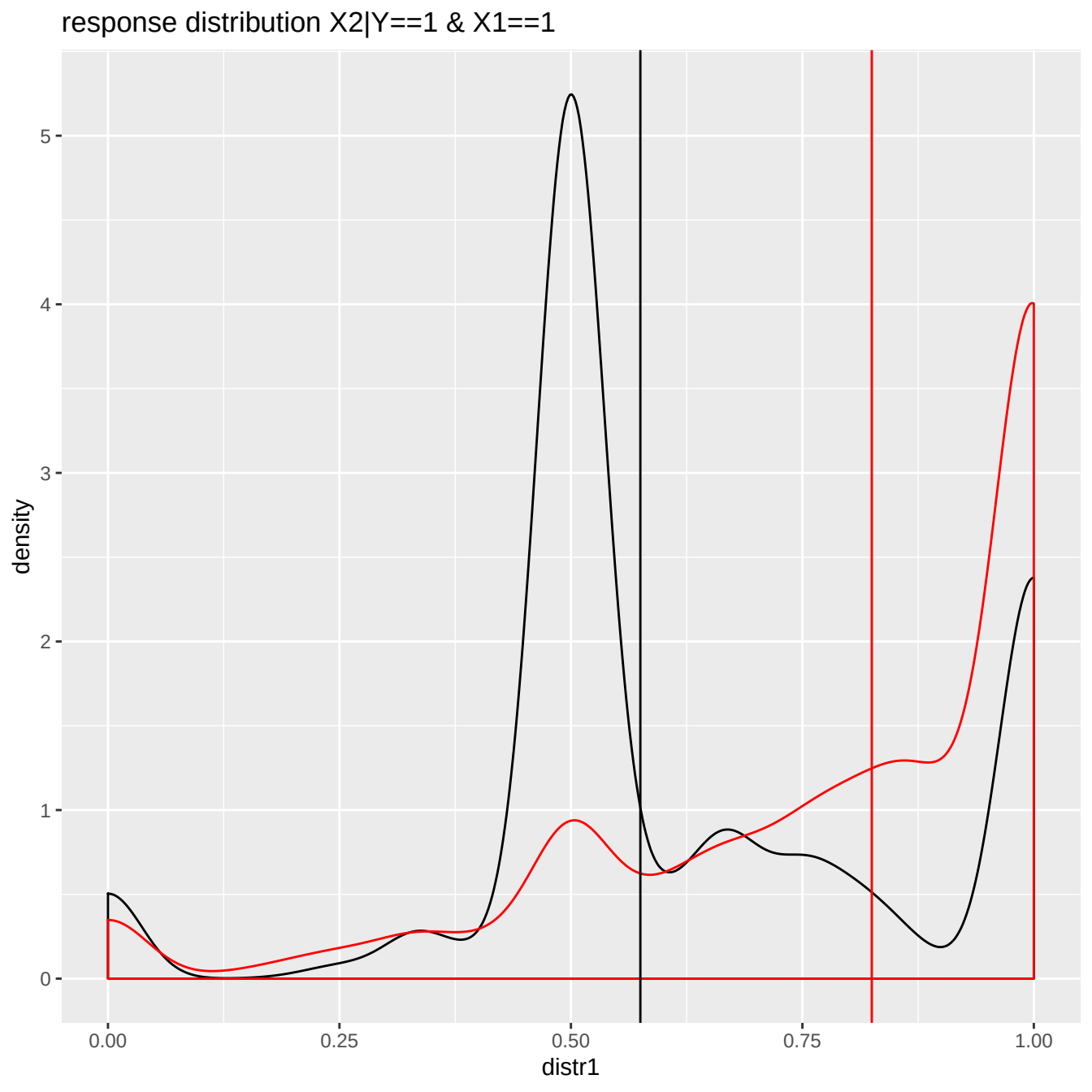
0.75
1.00
distr1

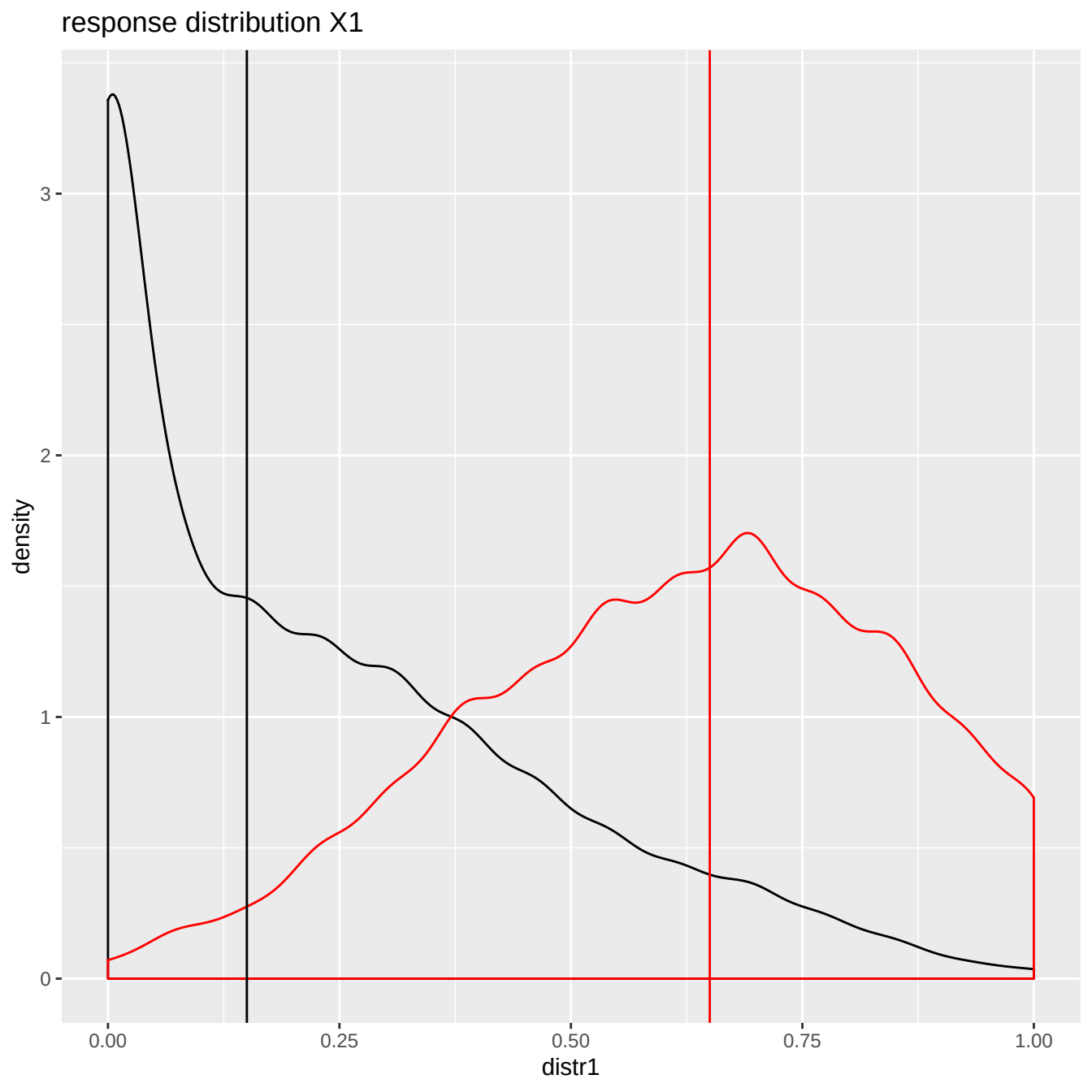

response distribution X2|Y==0 & X1==0
density
distr1
0
1
2
3
4
5
0.00
0.25
0.50
0.75
1.00

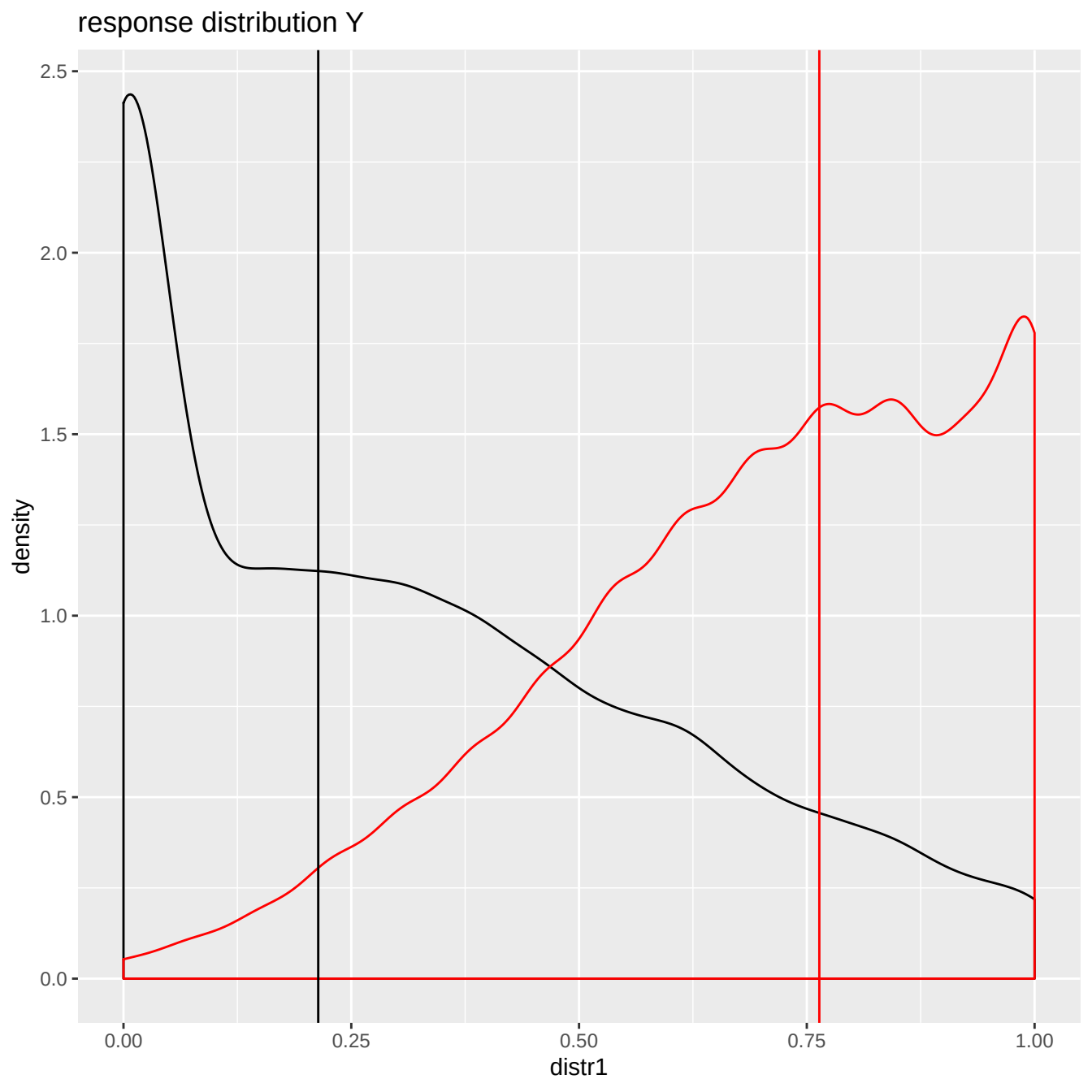

response distribution X2|Y==1 & X1==0
density
6
4
2
0
0.00
0.25
0.50
0.75
1.00
distr1

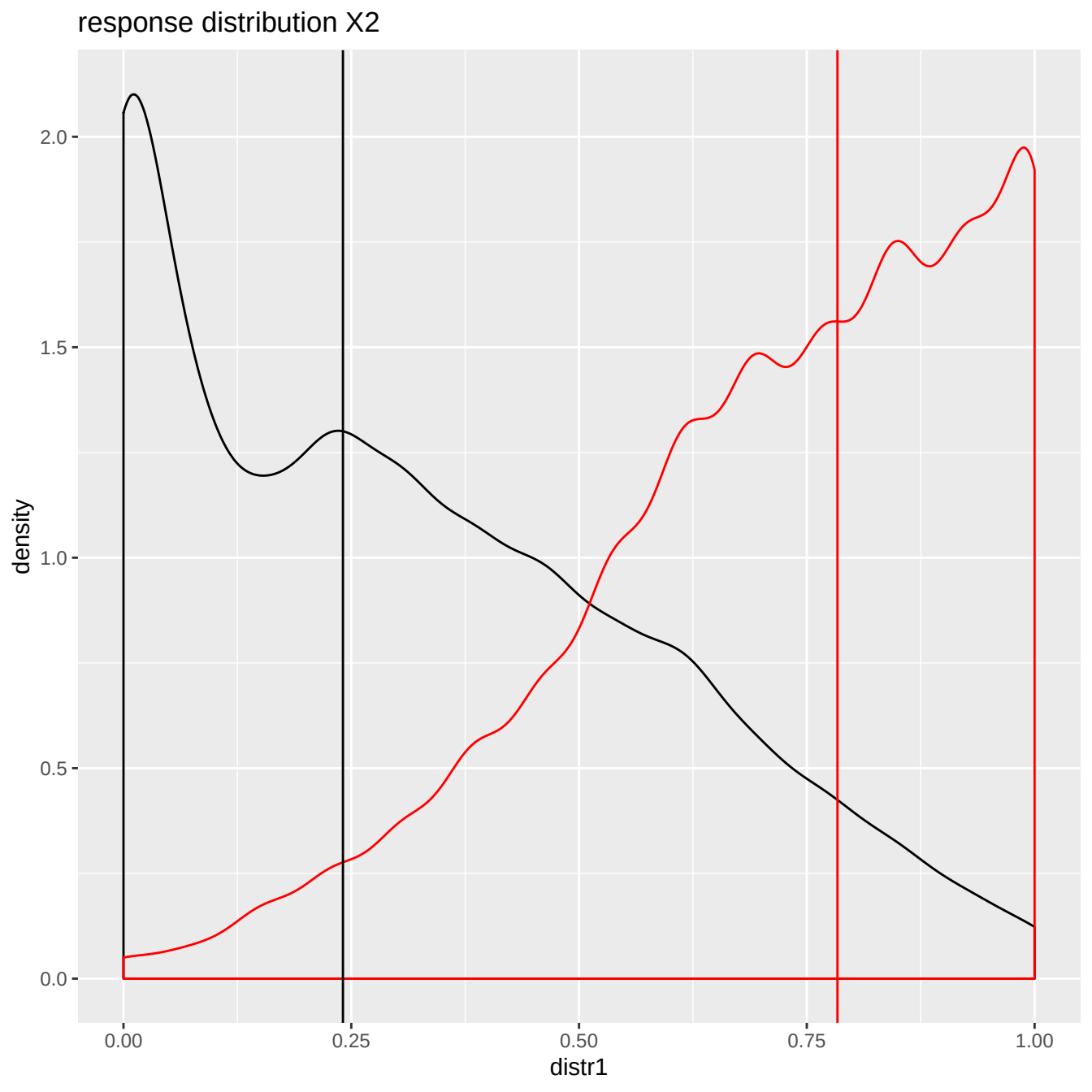

response distribution X2|X1==1
density
distr1
0
1
2
3
4
5
0.00
0.25
0.50
0.75
1.00


response distribution X2|Y==0 & X1==1
density
6
4
2
0
0.00
0.25
0.50
0.75
1.00
distr1


response distribution X2|Y==1 & X1==1
density
distr1
0
1
2
3
4
5
0.00
0.25
0.50
0.75
1.00


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


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