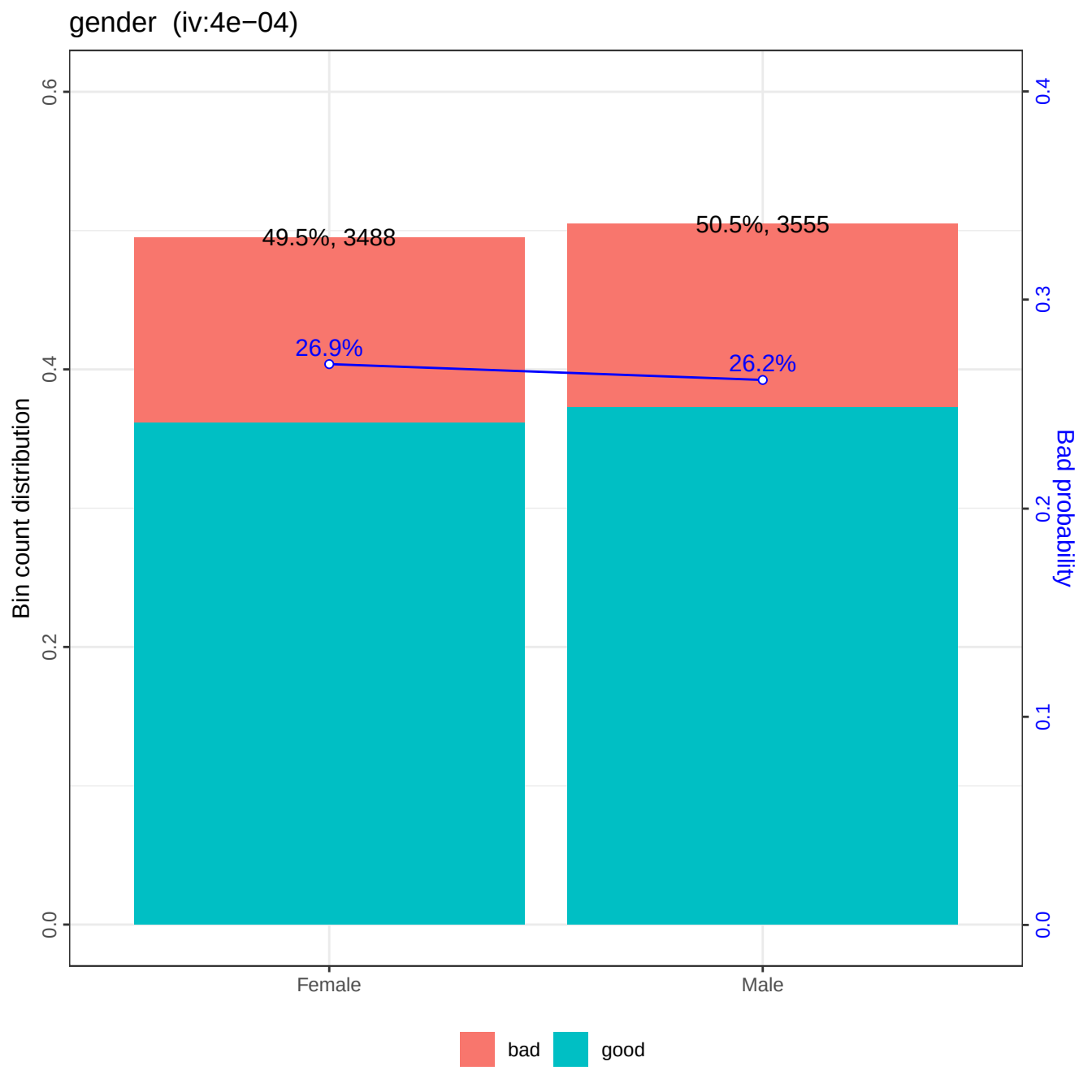
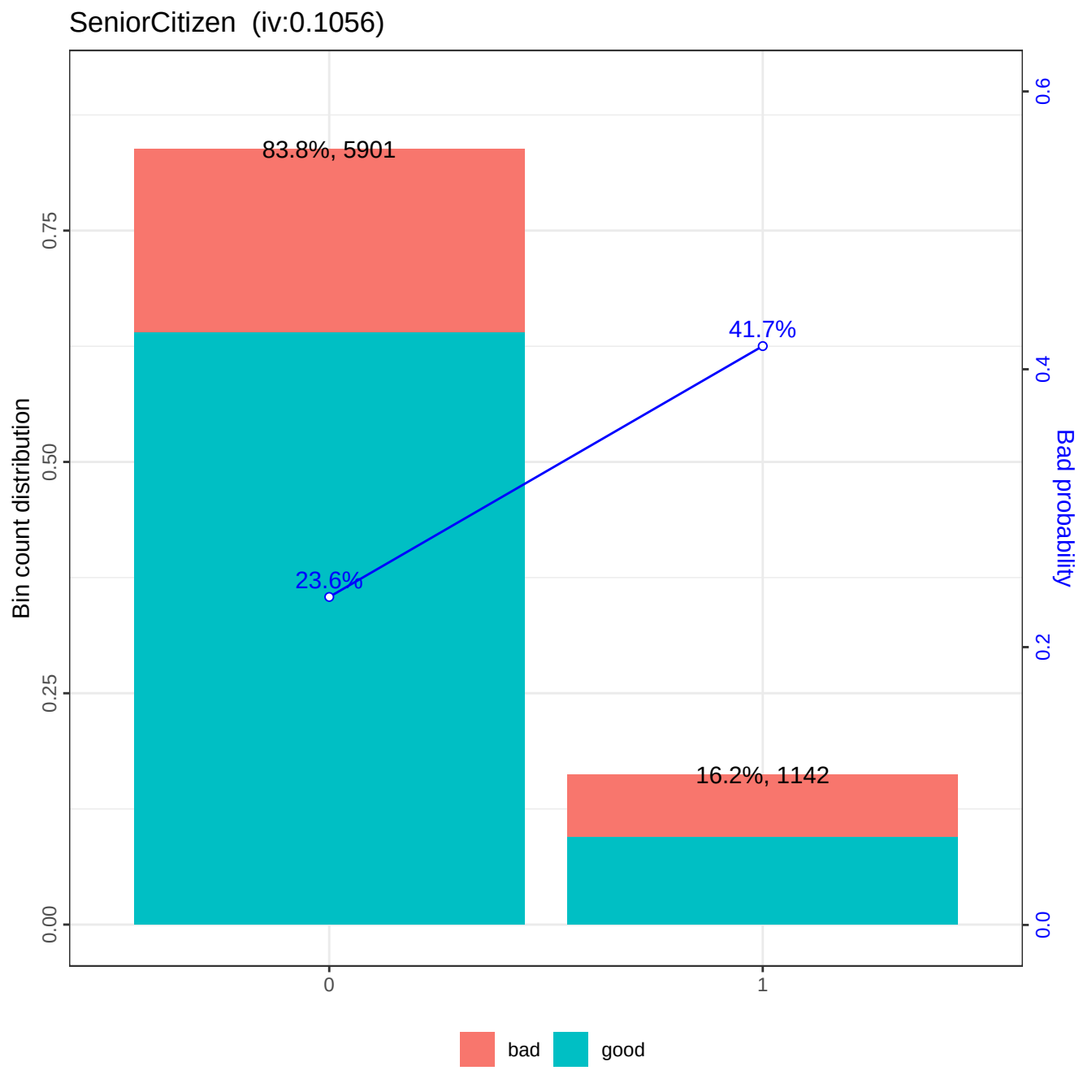
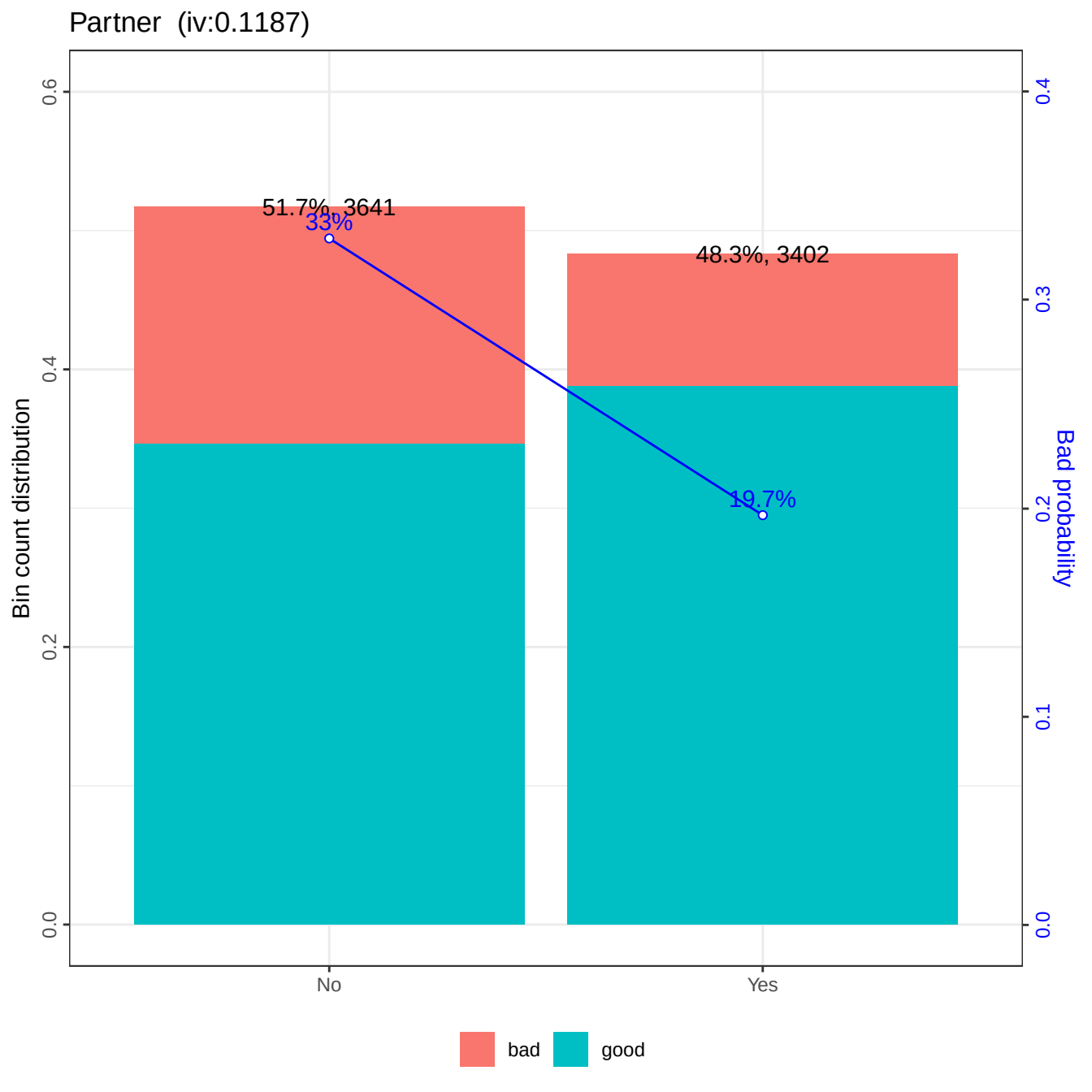
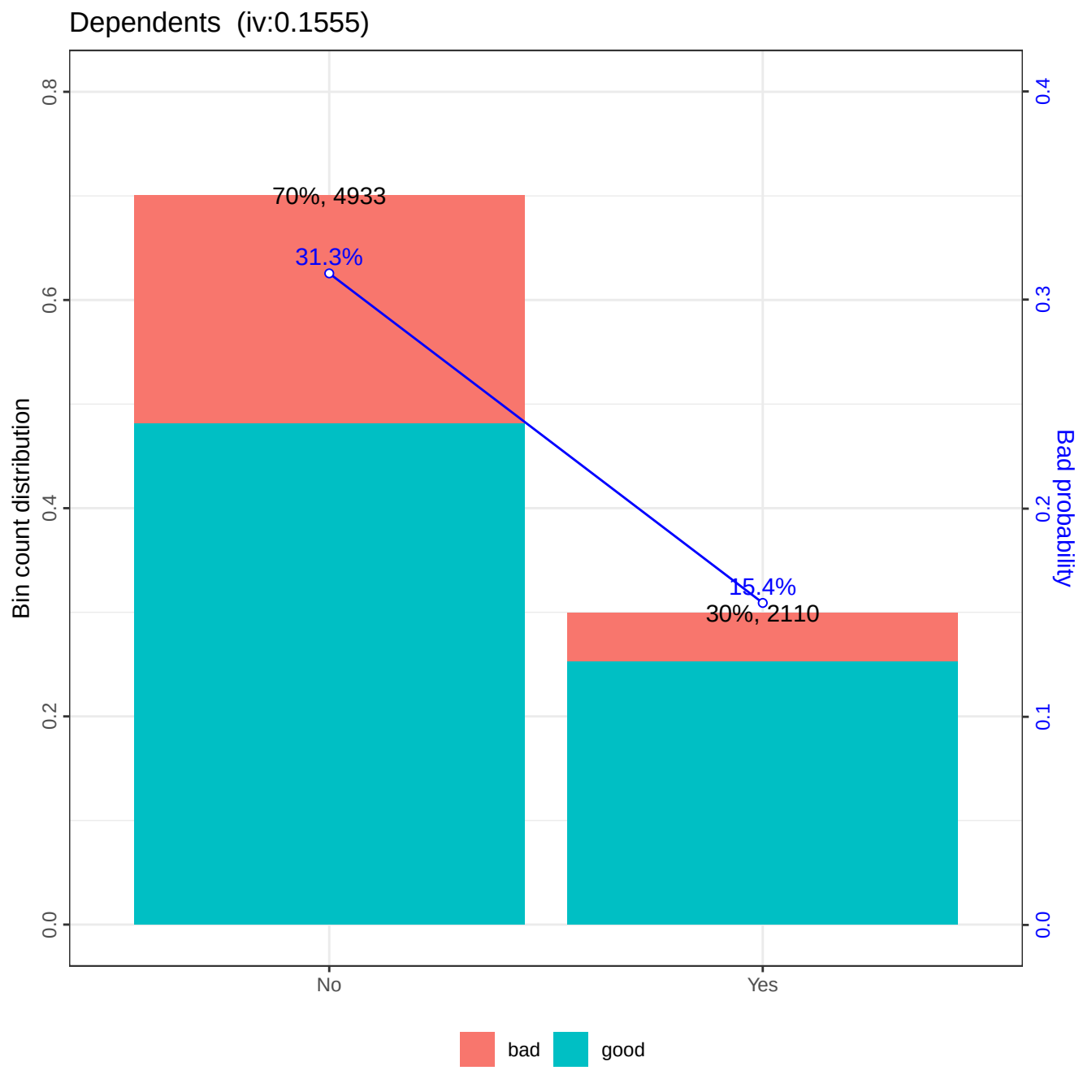
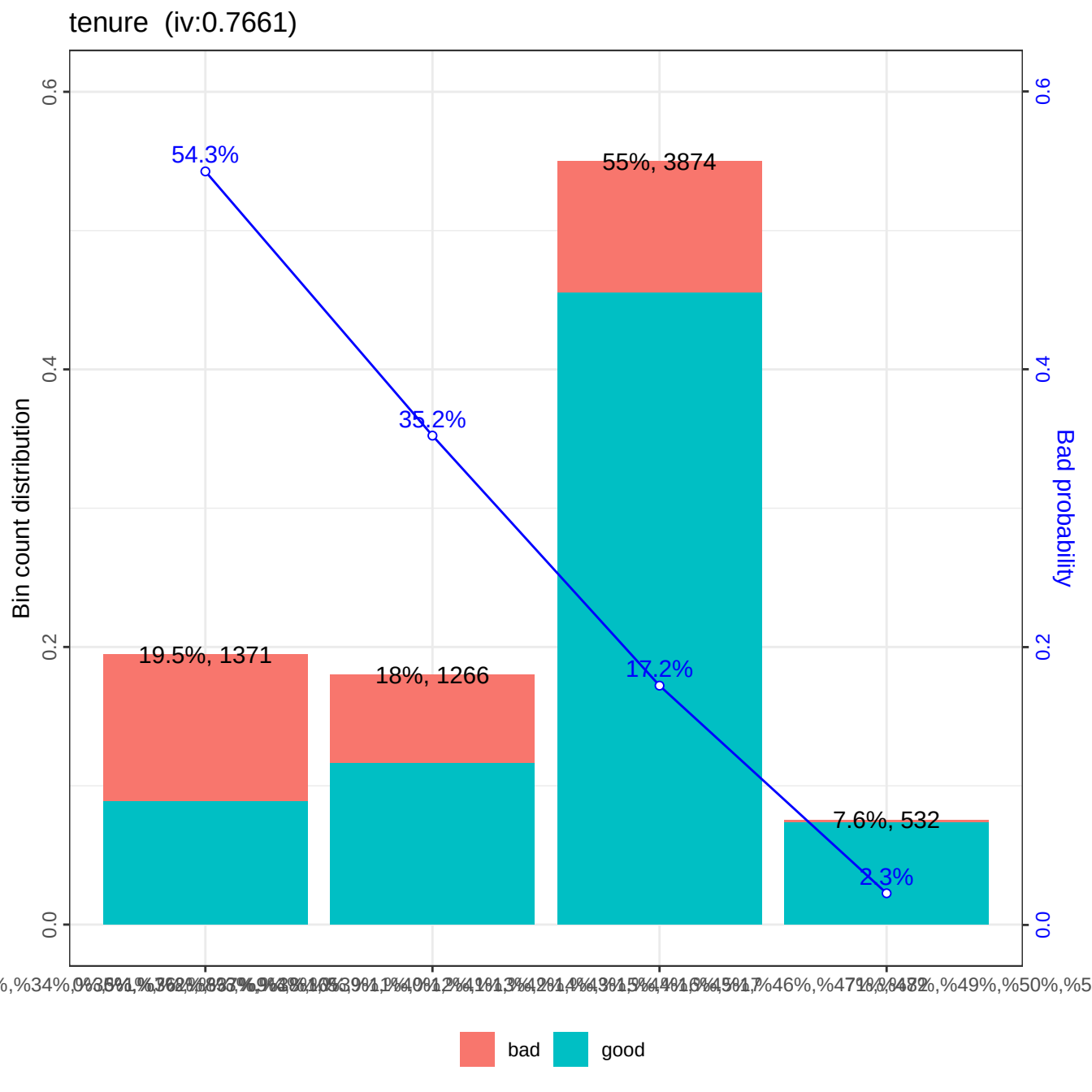
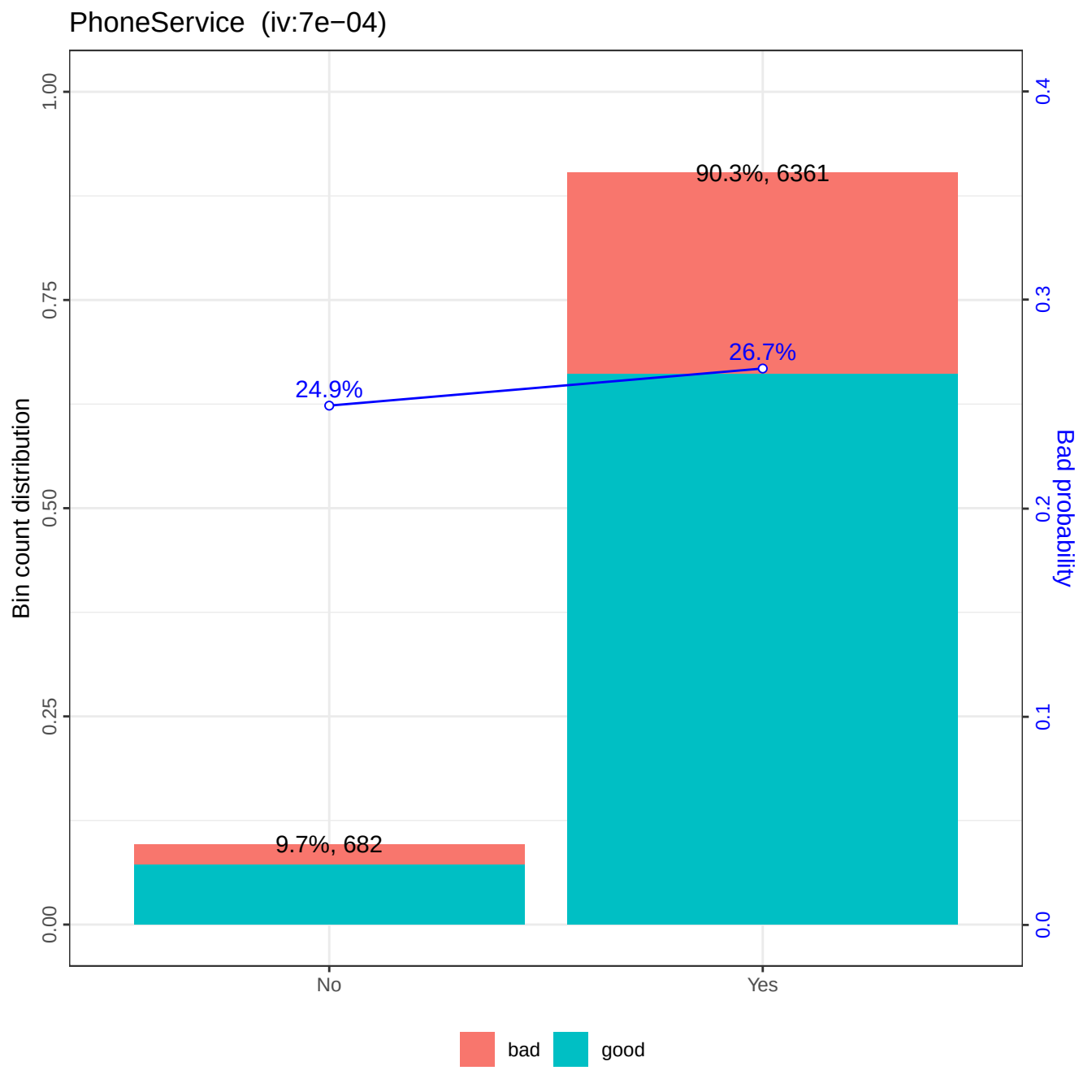

gender (iv:4e−04)
Bin count distribution
Bad probability
0.0
0.2
0.4
0.6
0.1
0.3
49.5%, 3488
50.5%, 3555
26.9%
26.2%
Female
Male
bad
good

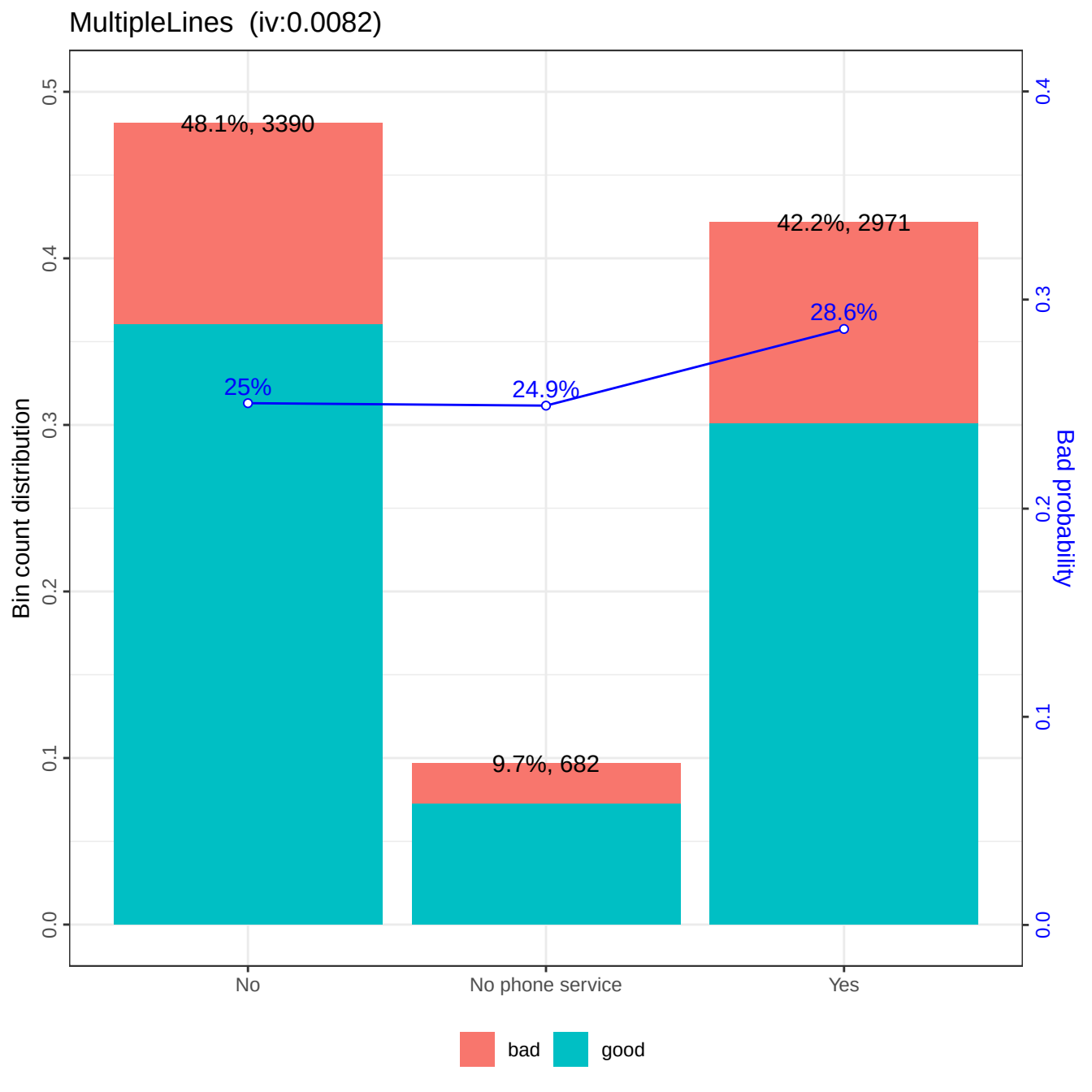

SeniorCitizen (iv:0.1056)
83.8%, 5901
16.2%, 1142
41.7%
23.6%
Bin count distribution
Bad probability
0.00
0.25
0.50
0.75
0.0
0.2
0.4
0.6
0
1
bad
good

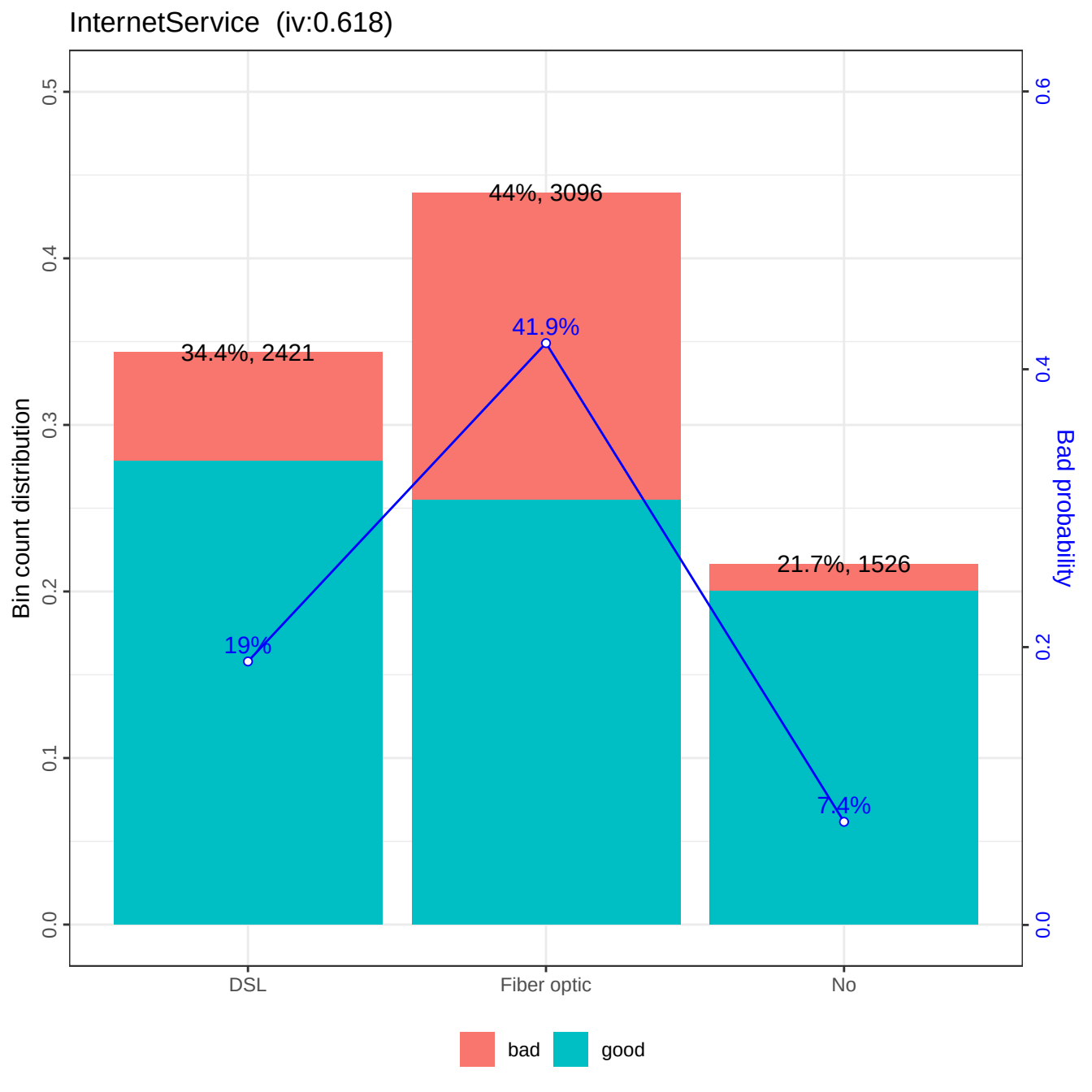

Partner (iv:0.1187)
Bin count distribution
Bad probability
0.0
0.2
0.4
0.6
0.1
0.3
51.7%, 3641
48.3%, 3402
33%
19.7%
No
Yes
bad
good

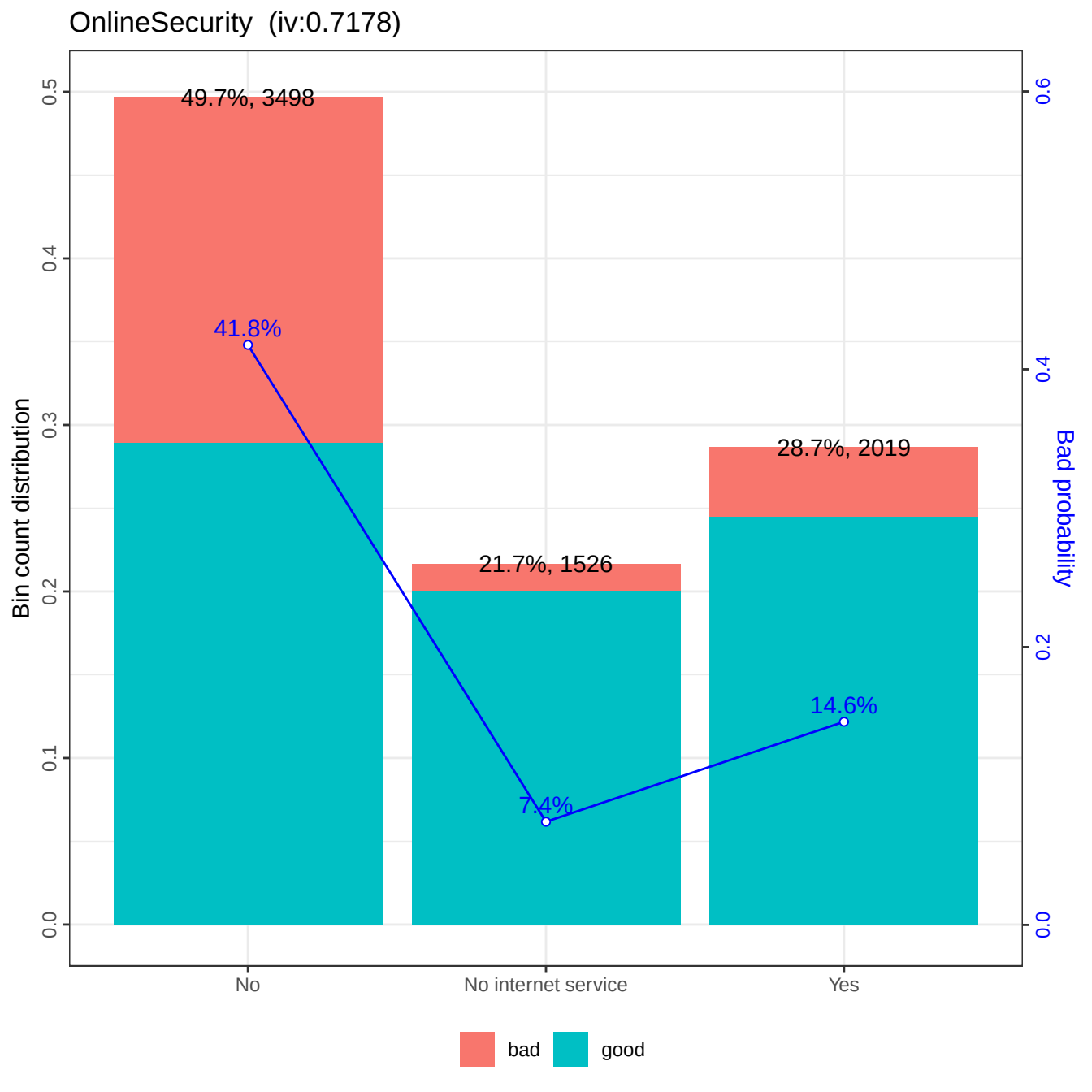

Dependents (iv:0.1555)
Bin count distribution
Bad probability
0.0
0.2
0.4
0.6
0.8
0.1
0.3
70%, 4933
31.3%
15.4%
30%, 2110
No
Yes
bad
good

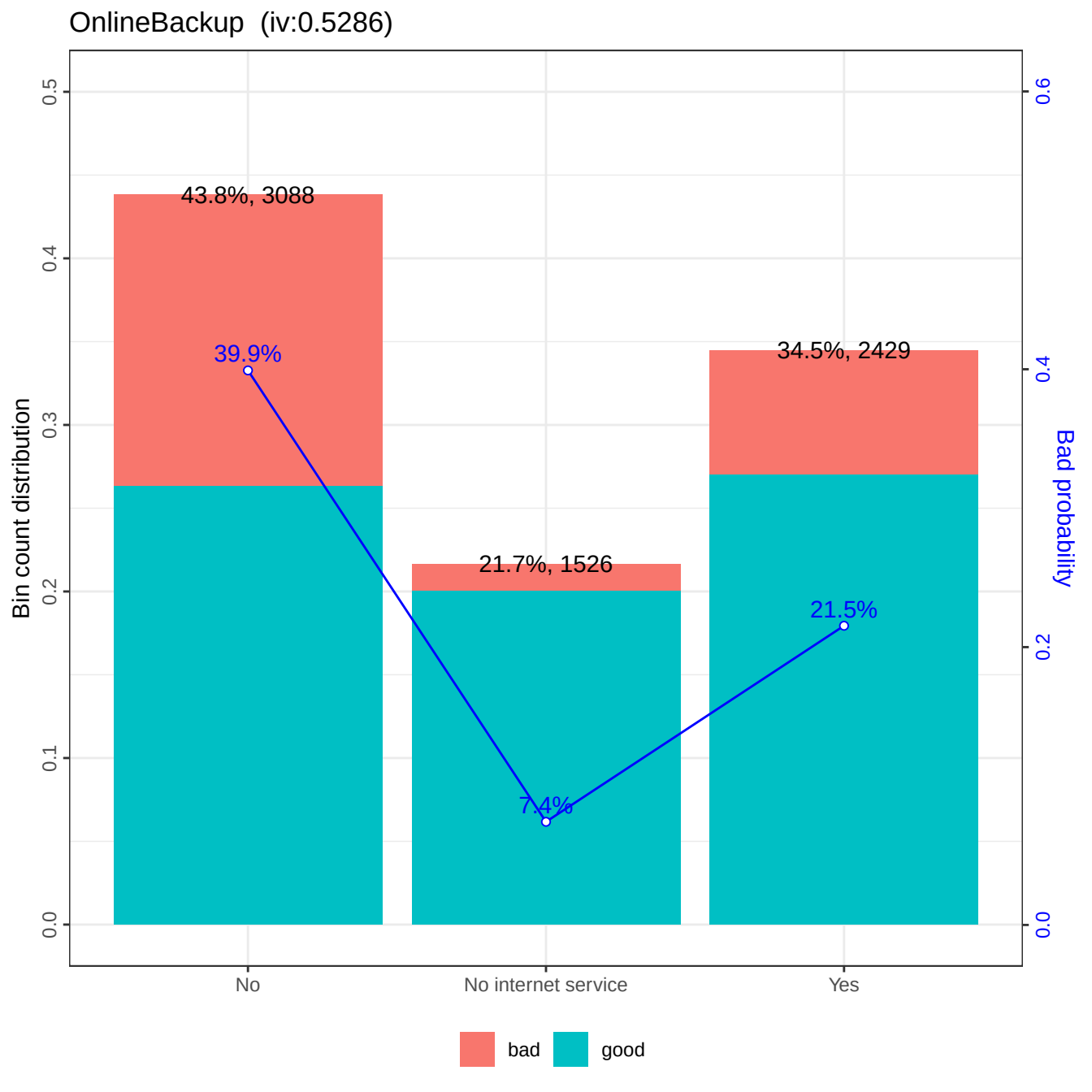

tenure (iv:0.7661)
Bin count distribution
Bad probability
0.0
0.2
0.4
0.6
54.3%
35.2%
17.2%
2.3%
19.5%, 1371
18%, 1266
55%, 3874
7.6%, 532
bad
good

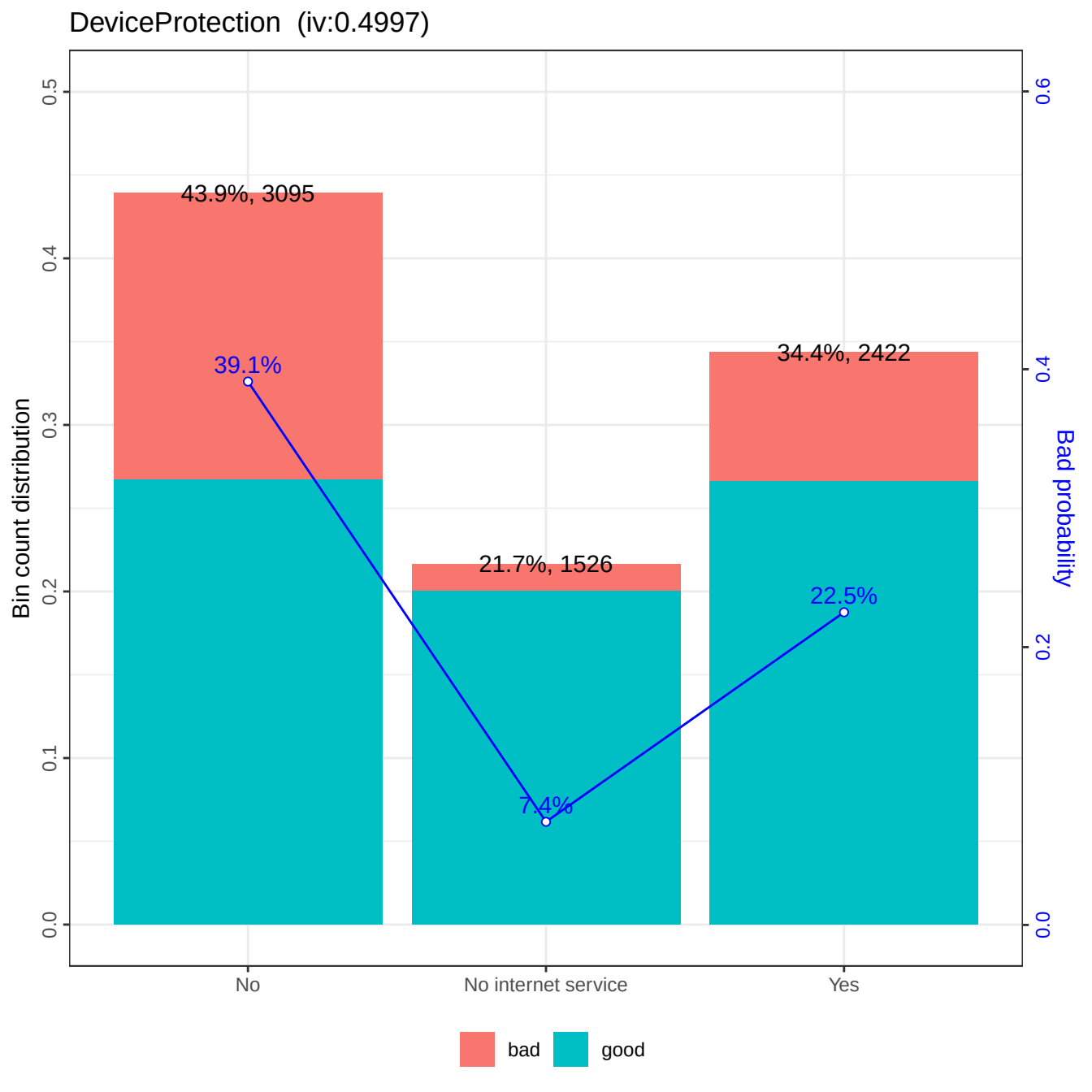

PhoneService (iv:7e−04)
Bin count distribution
Bad probability
1.00
0.75
0.50
0.25
0.00
0.4
0.3
0.2
0.1
0.0
90.3%, 6361
9.7%, 682
24.9%
26.7%
No
Yes
bad
good

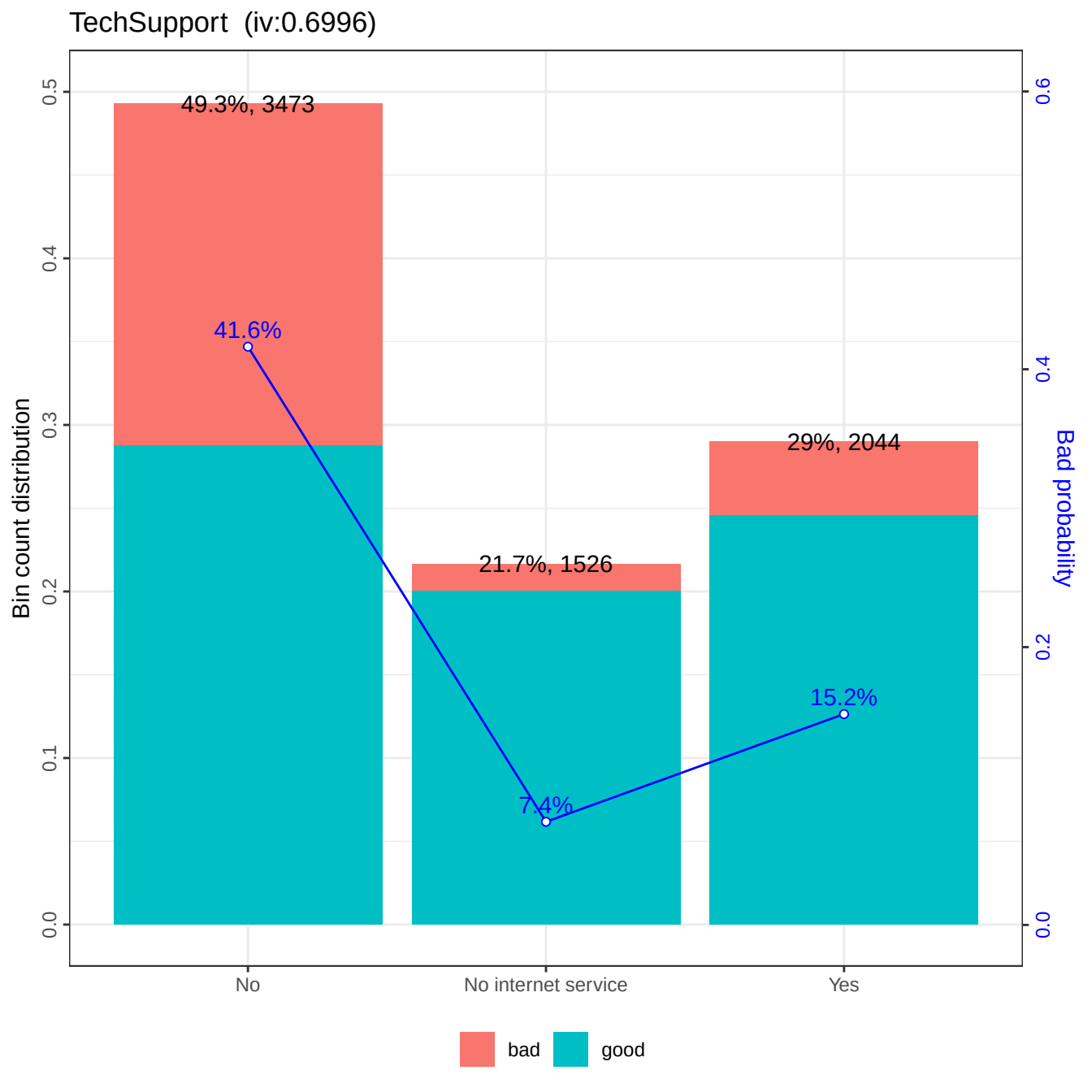

MultipleLines (iv:0.0082)
Bin count distribution
Bad probability
0.0
0.1
0.2
0.3
0.4
0.5
0.0
0.1
0.2
0.3
0.4
48.1%, 3390
9.7%, 682
42.2%, 2971
25%
24.9%
28.6%
No
No phone service
Yes
bad
good

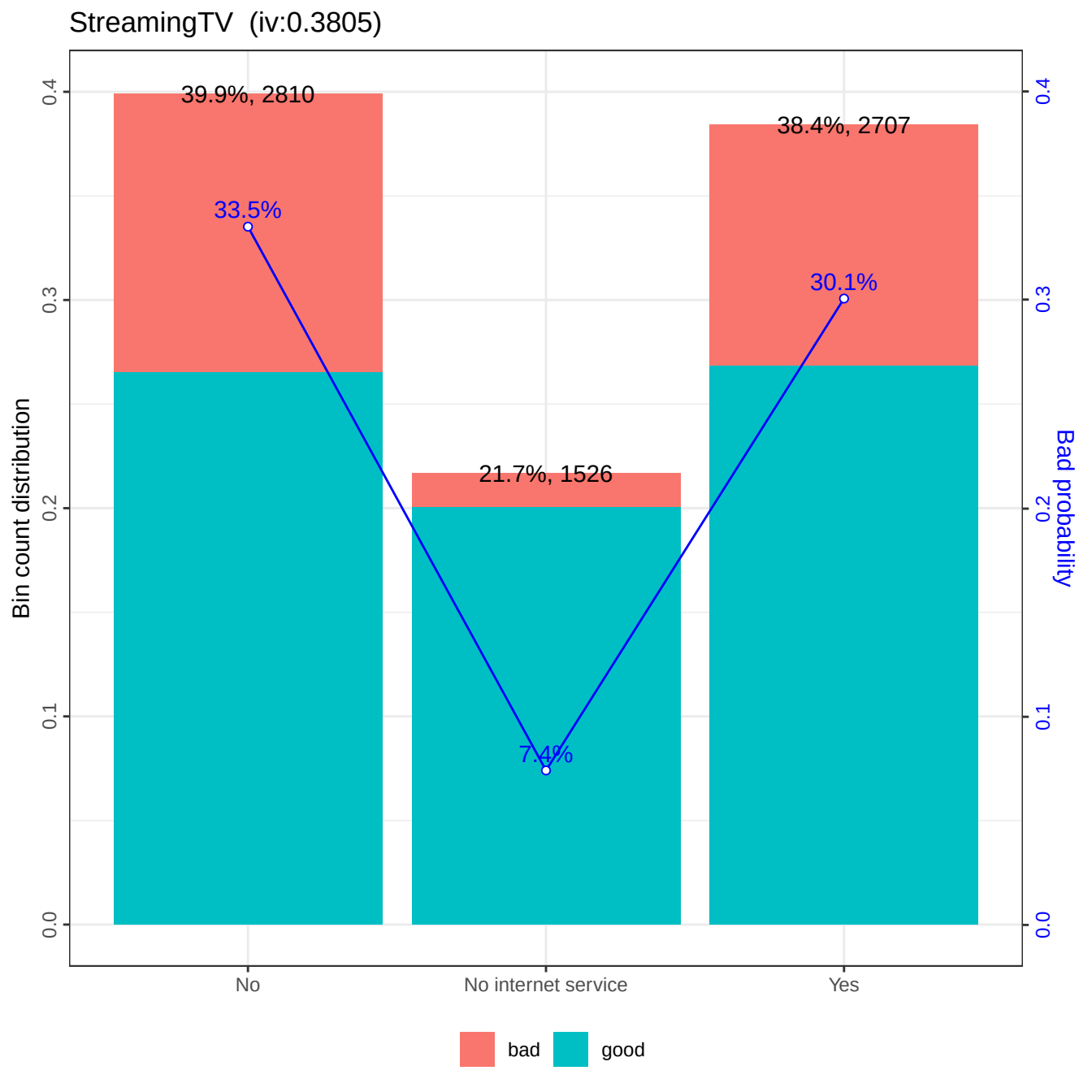

InternetService (iv:0.618)
Bin count distribution
Bad probability
0.0
0.1
0.2
0.3
0.4
0.5
0.6
34.4%, 2421
44%, 3096
21.7%, 1526
19%
41.9%
7.4%
DSL
Fiber optic
No
bad
good

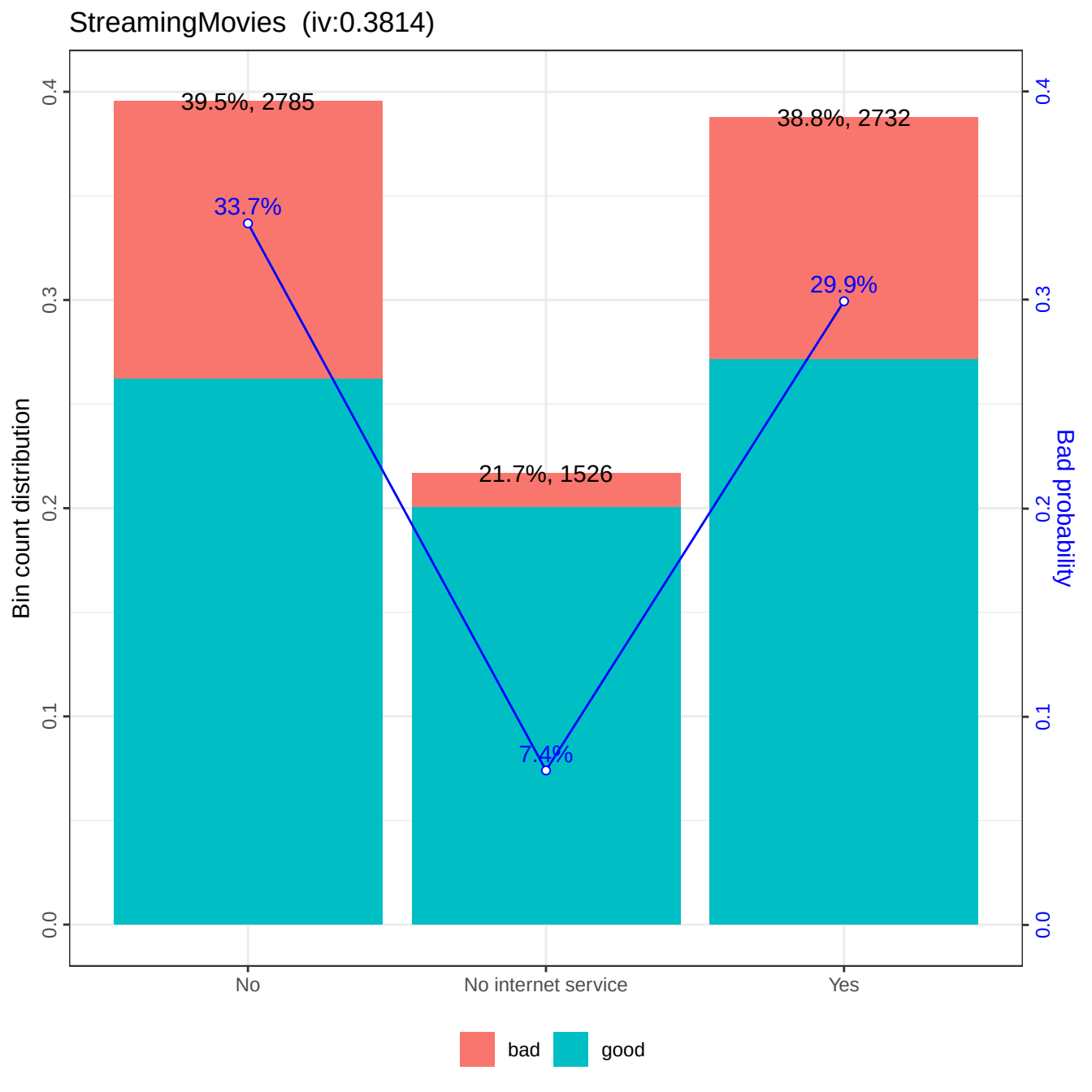

OnlineSecurity (iv:0.7178)
49.7%, 3498
41.8%
21.7%, 1526
7.4%
28.7%, 2019
14.6%
Bin count distribution
Bad probability
0.0
0.1
0.2
0.3
0.4
0.5
0.6
No
No internet service
Yes
bad
good

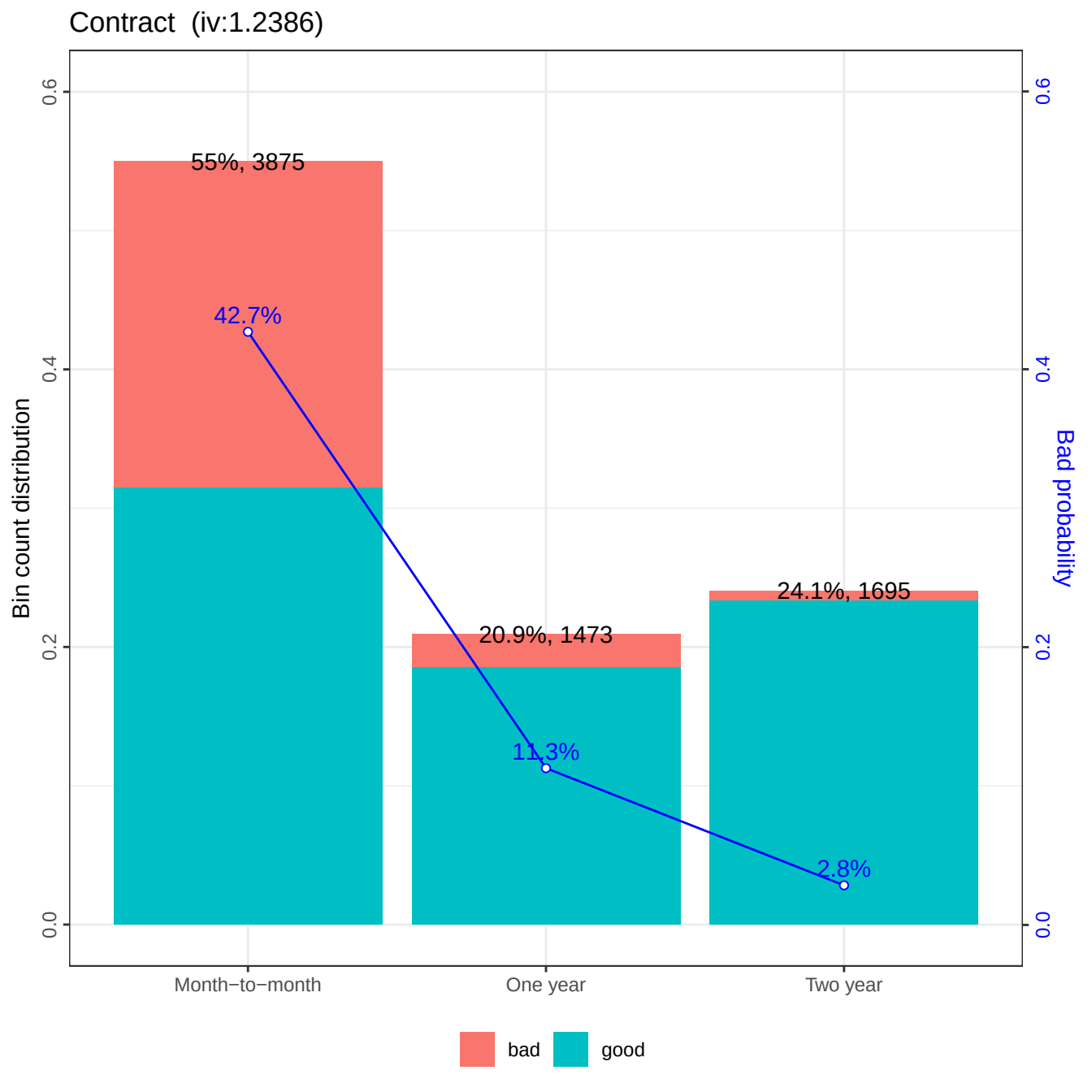

OnlineBackup (iv:0.5286)
Bin count distribution
Bad probability
0.0
0.1
0.2
0.3
0.4
0.5
0.0
0.2
0.4
0.6
43.8%, 3088
21.7%, 1526
34.5%, 2429
39.9%
7.4%
21.5%
No
No internet service
Yes
bad
good

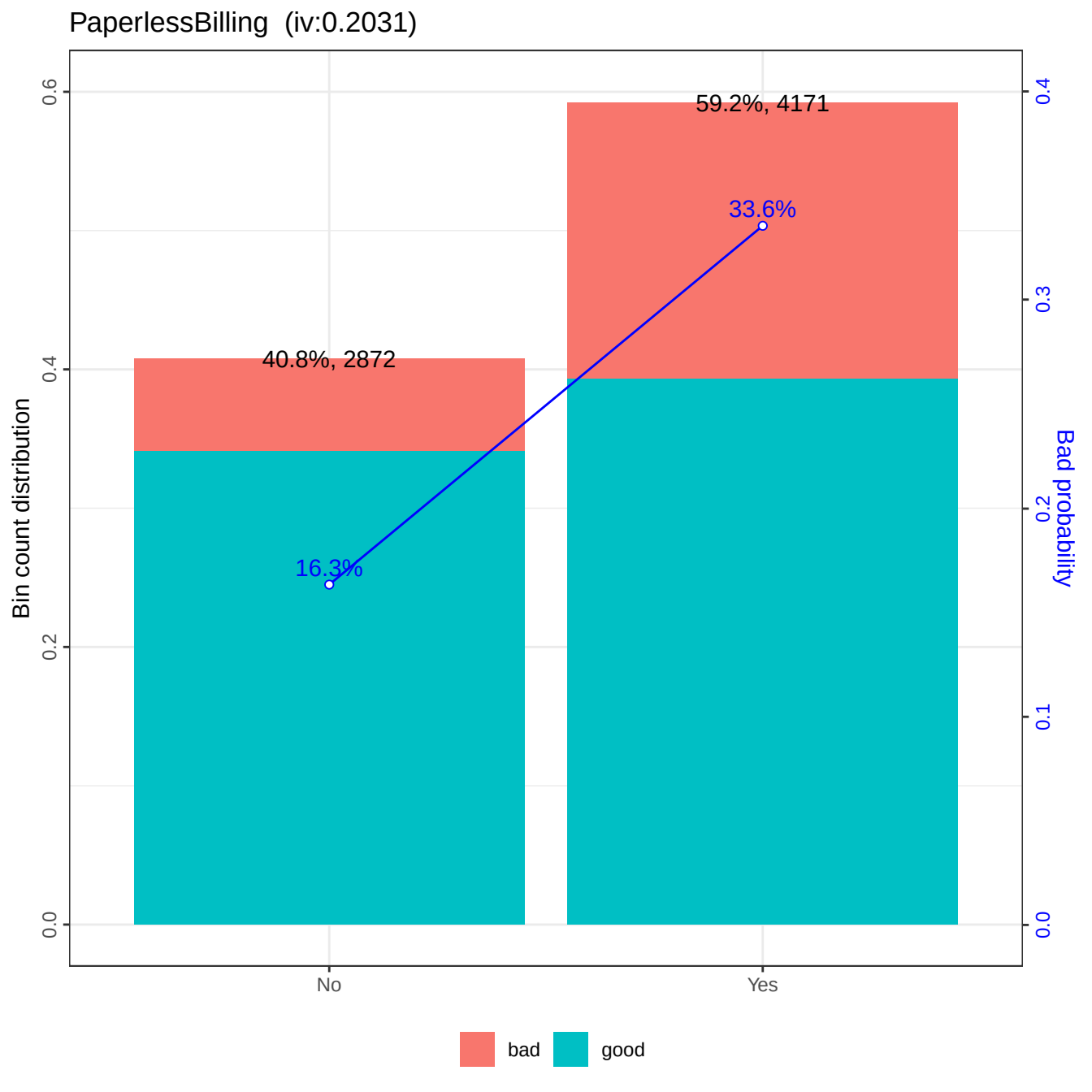

DeviceProtection (iv:0.4997)
Bin count distribution
Bad probability
0.0
0.1
0.2
0.3
0.4
0.5
0.6
43.9%, 3095
21.7%, 1526
34.4%, 2422
39.1%
7.4%
22.5%
No
No internet service
Yes
bad
good

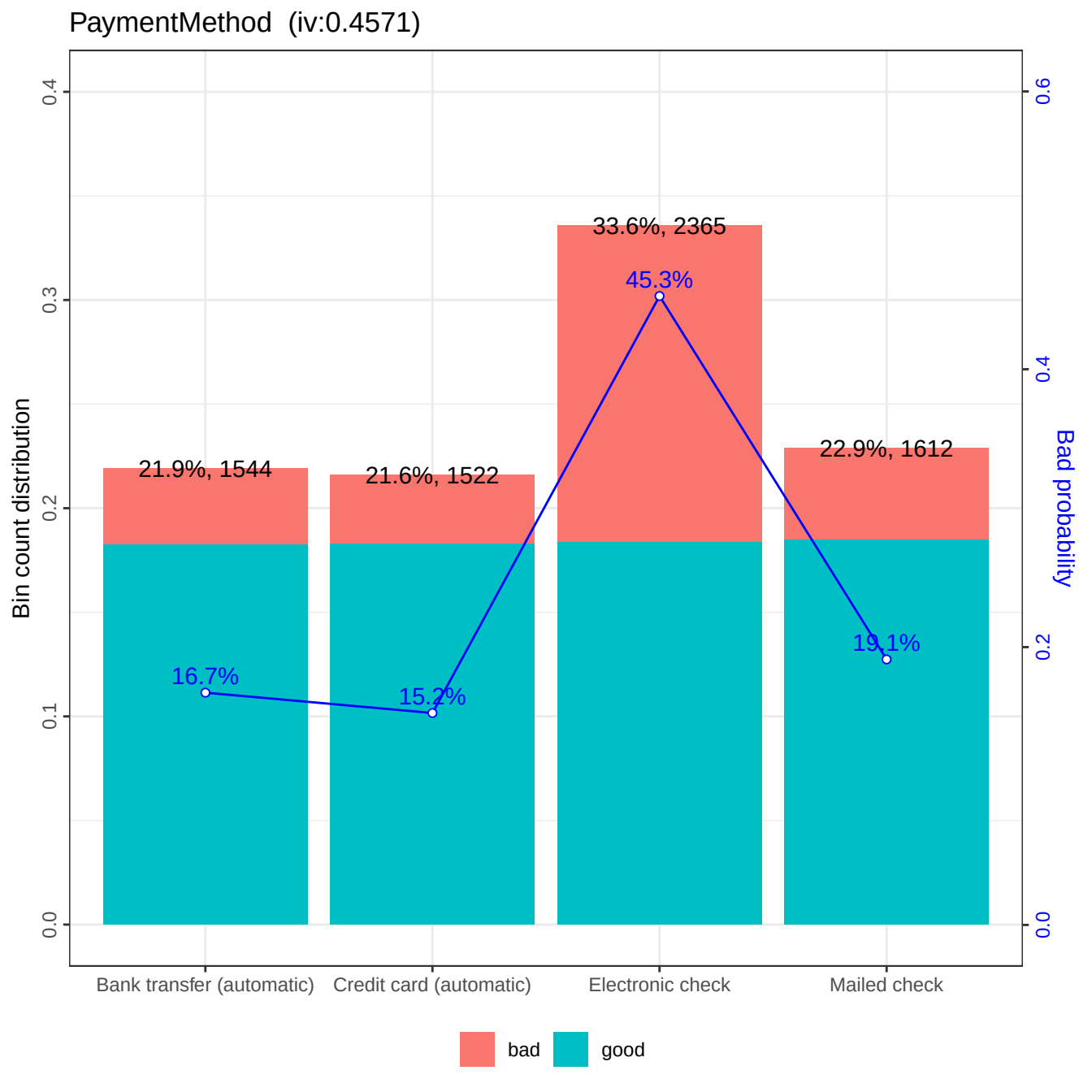

TechSupport (iv:0.6996)
49.3%, 3473
41.6%
21.7%, 1526
7.4%
29%, 2044
15.2%
Bin count distribution
Bad probability
0.0
0.1
0.2
0.3
0.4
0.5
0.6
No
No internet service
Yes
bad
good

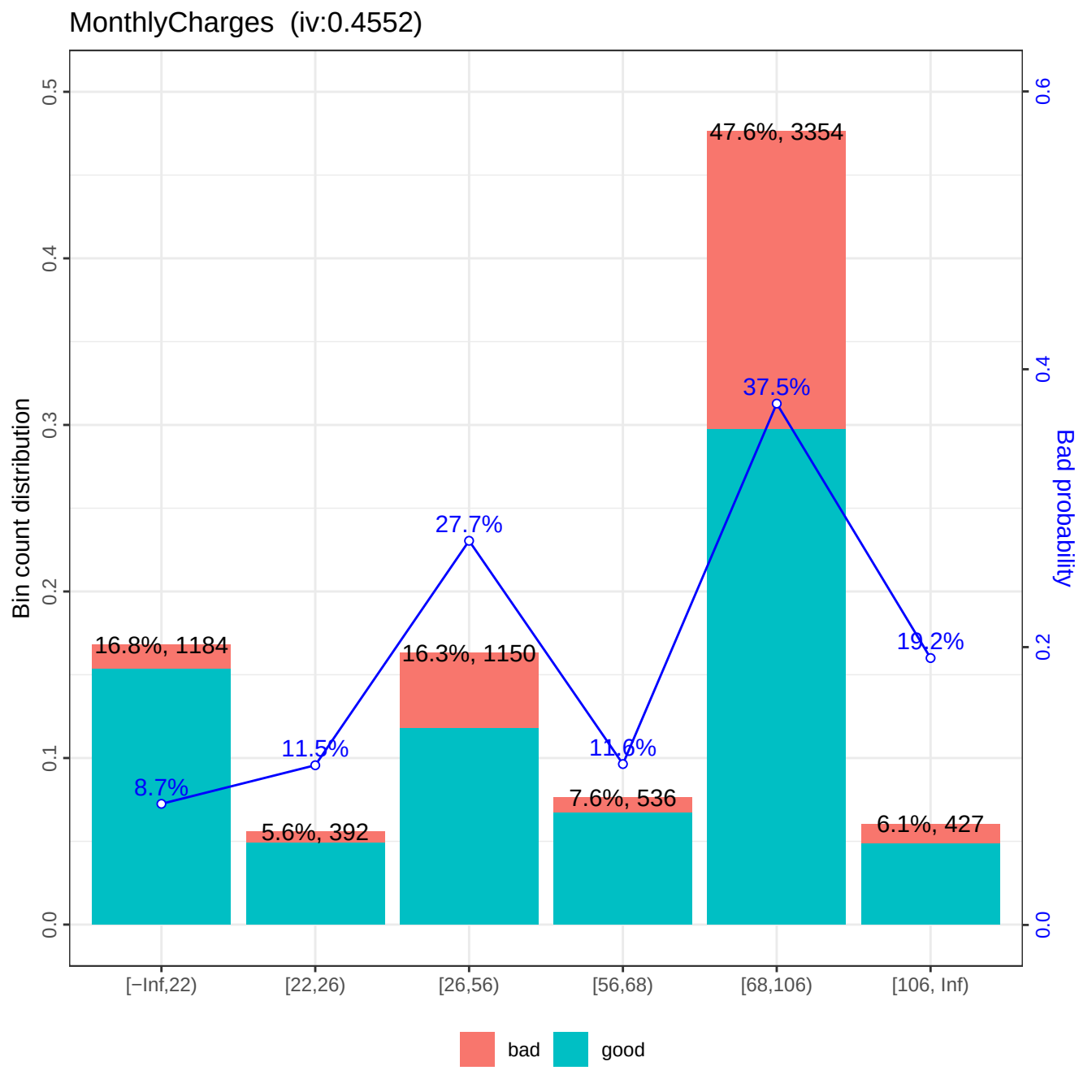

StreamingTV (iv:0.3805)
39.9%, 2810
33.5%
21.7%, 1526
7.4%
38.4%, 2707
30.1%
Bin count distribution
Bad probability
0.0
0.1
0.2
0.3
0.4
No
No internet service
Yes
bad
good

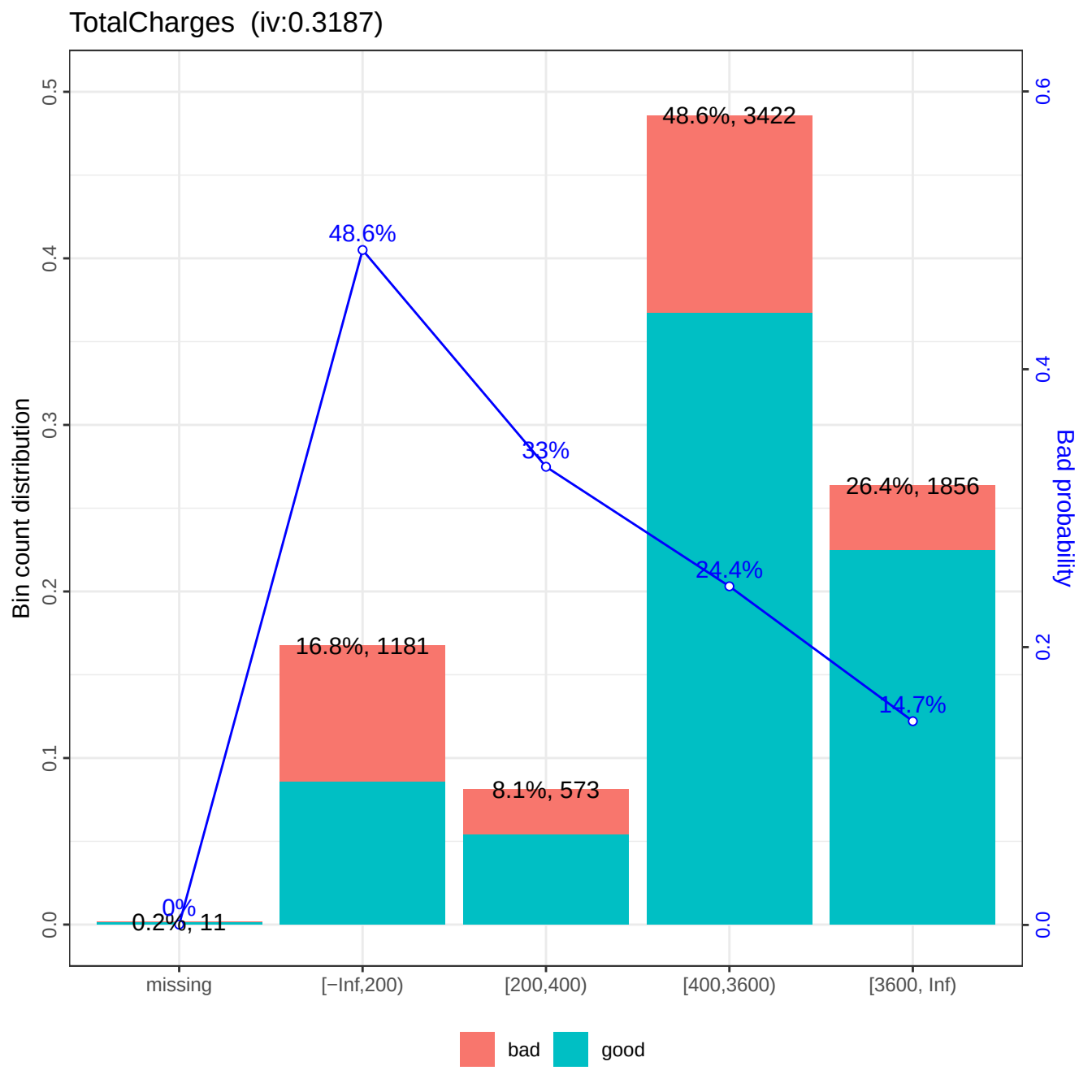

StreamingMovies (iv:0.3814)
39.5%, 2785
33.7%
21.7%, 1526
7.4%
38.8%, 2732
29.9%
Bin count distribution
Bad probability
0.0
0.1
0.2
0.3
0.4
No
No internet service
Yes
bad
good


Contract (iv:1.2386)
Bin count distribution
Bad probability
0.0
0.2
0.4
0.6
55%, 3875
20.9%, 1473
24.1%, 1695
42.7%
11.3%
2.8%
Month−to−month
One year
Two year
bad
good


PaperlessBilling (iv:0.2031)
Bin count distribution
Bad probability
0.0
0.2
0.4
0.6
0.1
0.3
40.8%, 2872
59.2%, 4171
16.3%
33.6%
No
Yes
bad
good


PaymentMethod (iv:0.4571)
Bin count distribution
Bad probability
0.0
0.1
0.2
0.3
0.4
0.6
21.9%, 1544
21.6%, 1522
33.6%, 2365
22.9%, 1612
16.7%
15.2%
45.3%
19.1%
Bank transfer (automatic)
Credit card (automatic)
Electronic check
Mailed check
bad
good


MonthlyCharges (iv:0.4552)
Bin count distribution
Bad probability
0.0
0.1
0.2
0.3
0.4
0.5
0.6
16.8%, 1184
5.6%, 392
16.3%, 1150
7.6%, 536
47.6%, 3354
6.1%, 427
8.7%
11.5%
27.7%
11.6%
37.5%
19.2%
[−Inf,22)
[22,26)
[26,56)
[56,68)
[68,106)
[106, Inf)
bad
good


TotalCharges (iv:0.3187)
Bin count distribution
Bad probability
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.4
0.2
0.0
48.6%, 3422
26.4%, 1856
16.8%, 1181
8.1%, 573
0.2%, 11
48.6%
33%
24.4%
14.7%
0%
missing
[−Inf,200)
[200,400)
[400,3600)
[3600, Inf)
bad
good