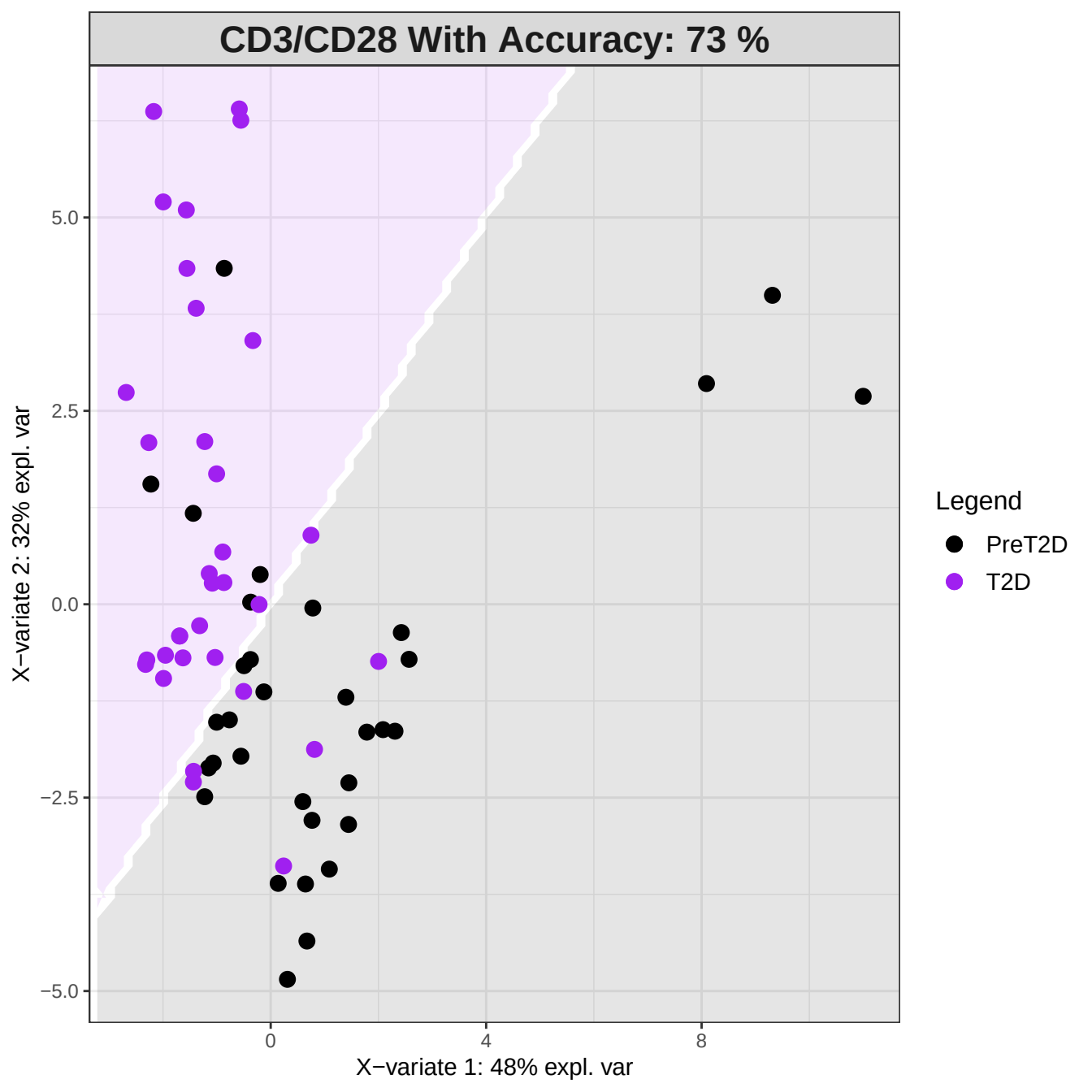
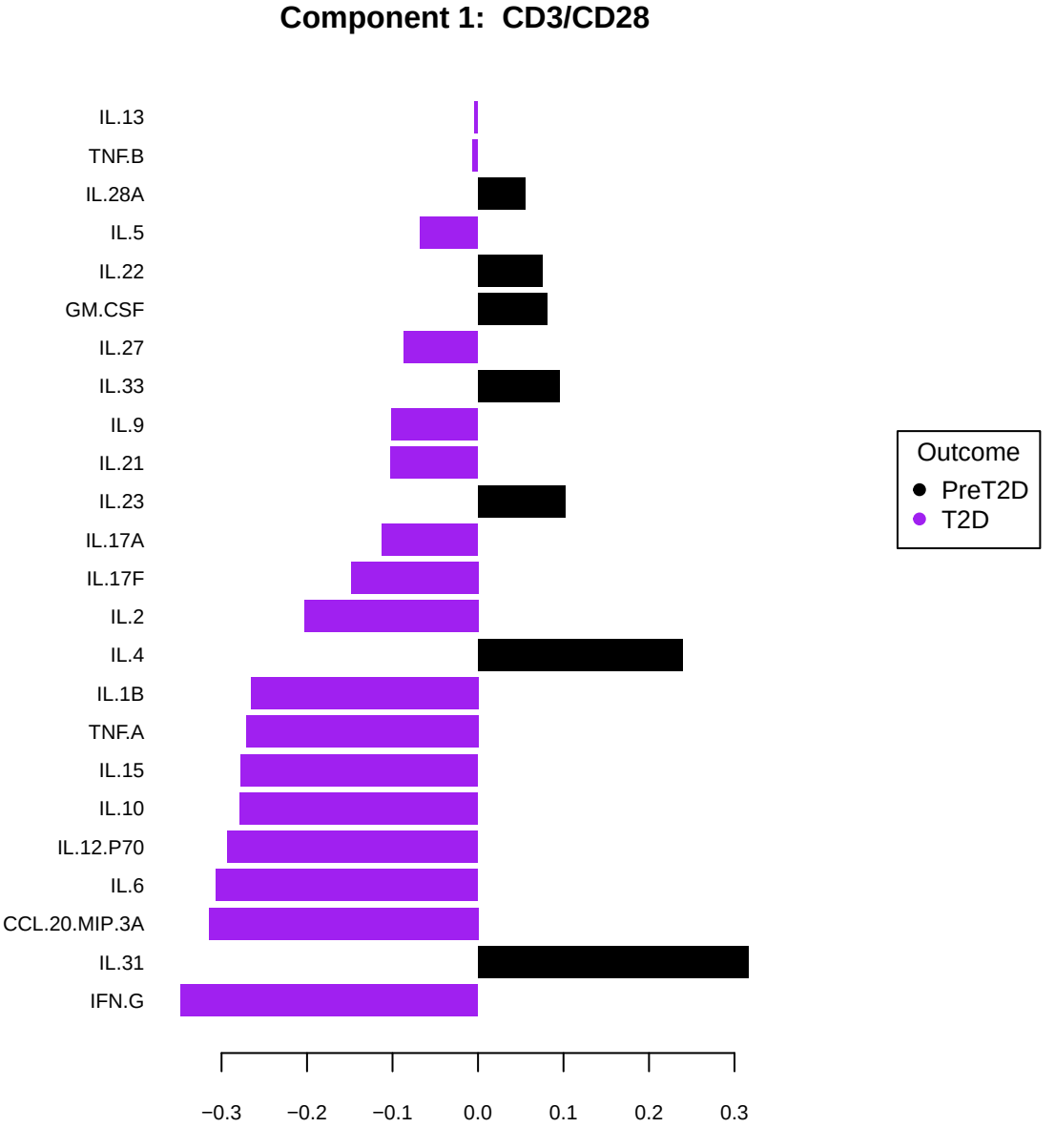
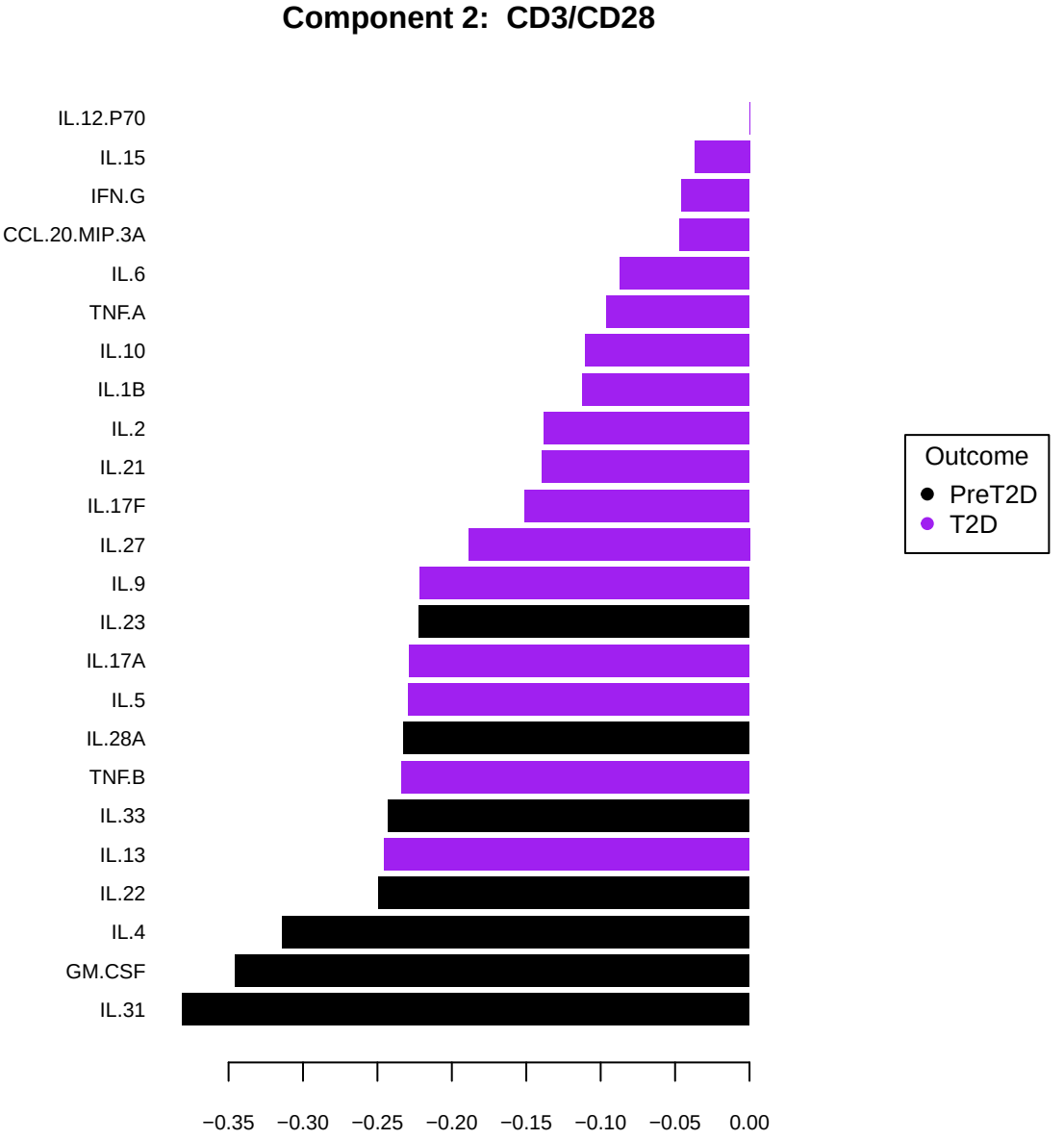
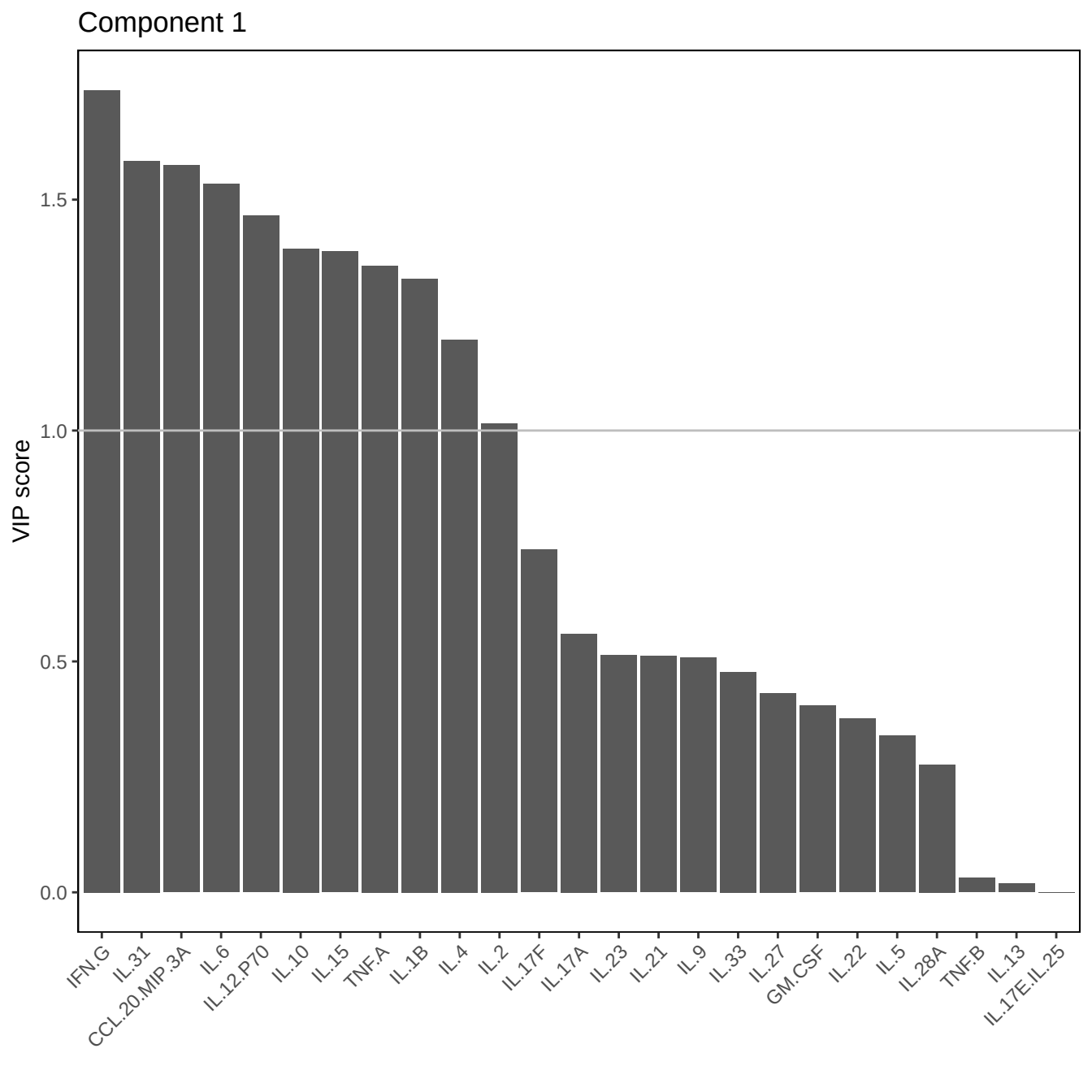
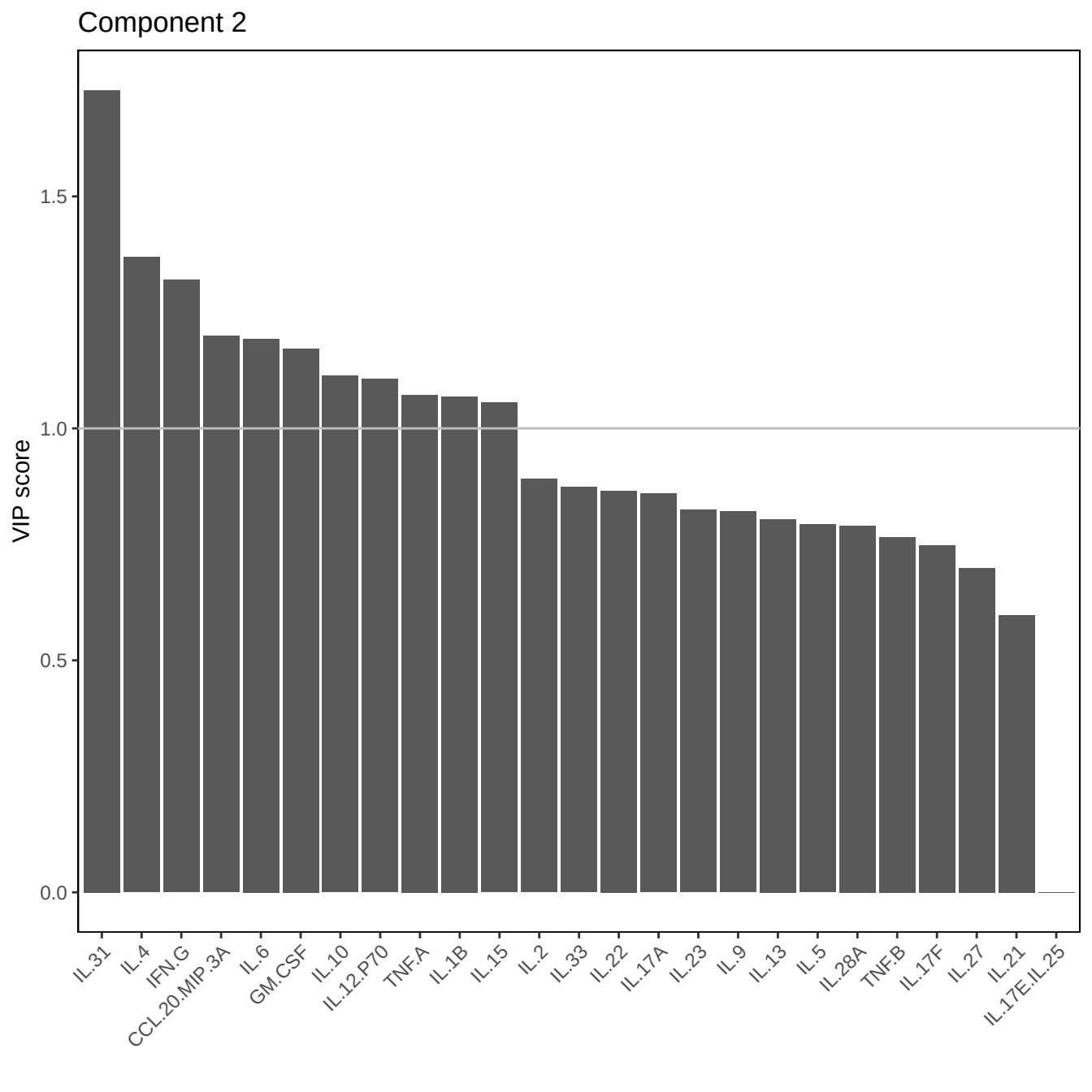
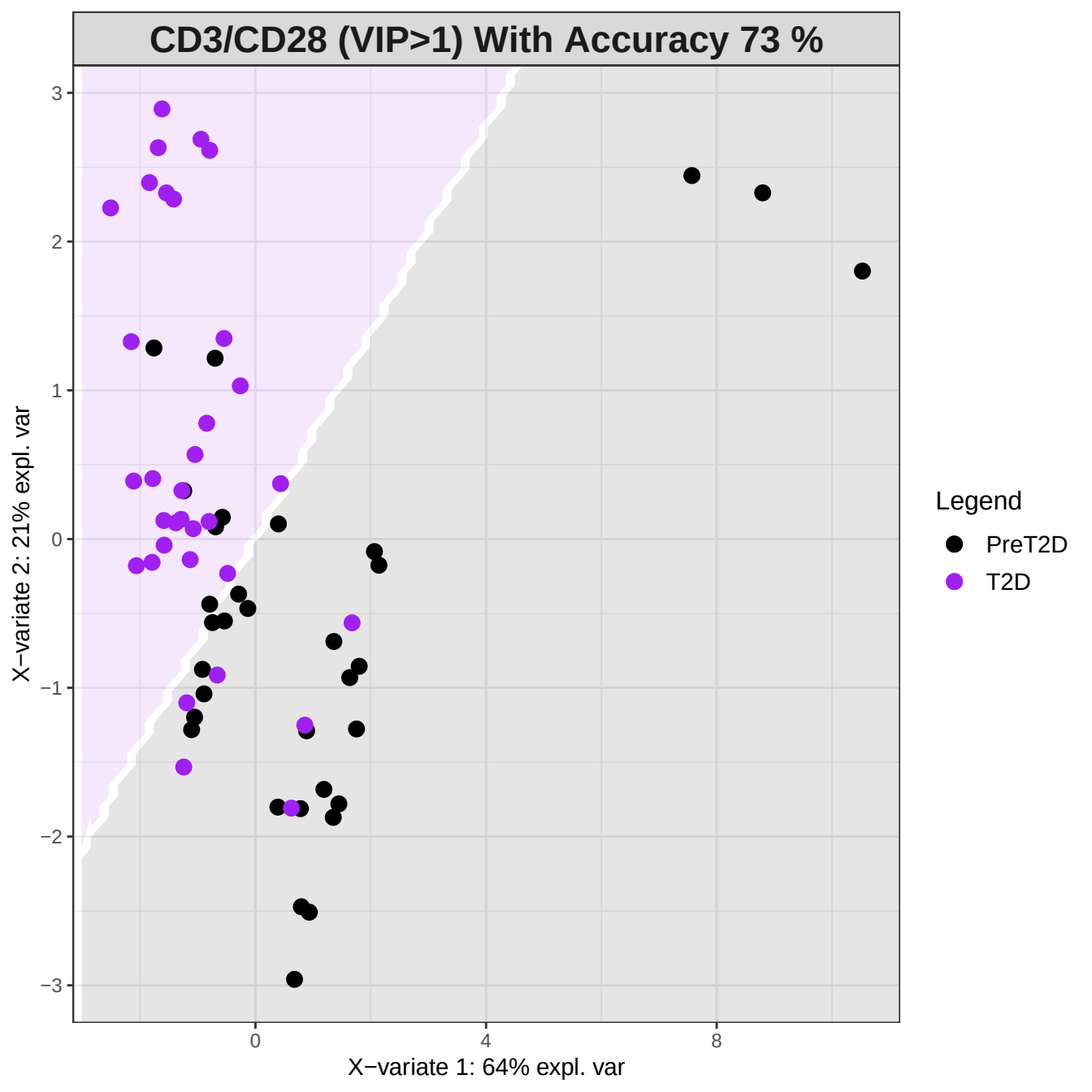

CD3/CD28 With Accuracy: 73 %
5.0
2.5
0.0
−2.5
−5.0
0
4
8
X−variate 1: 48% expl. var
X−variate 2: 32% expl. var
Legend
PreT2D
T2D

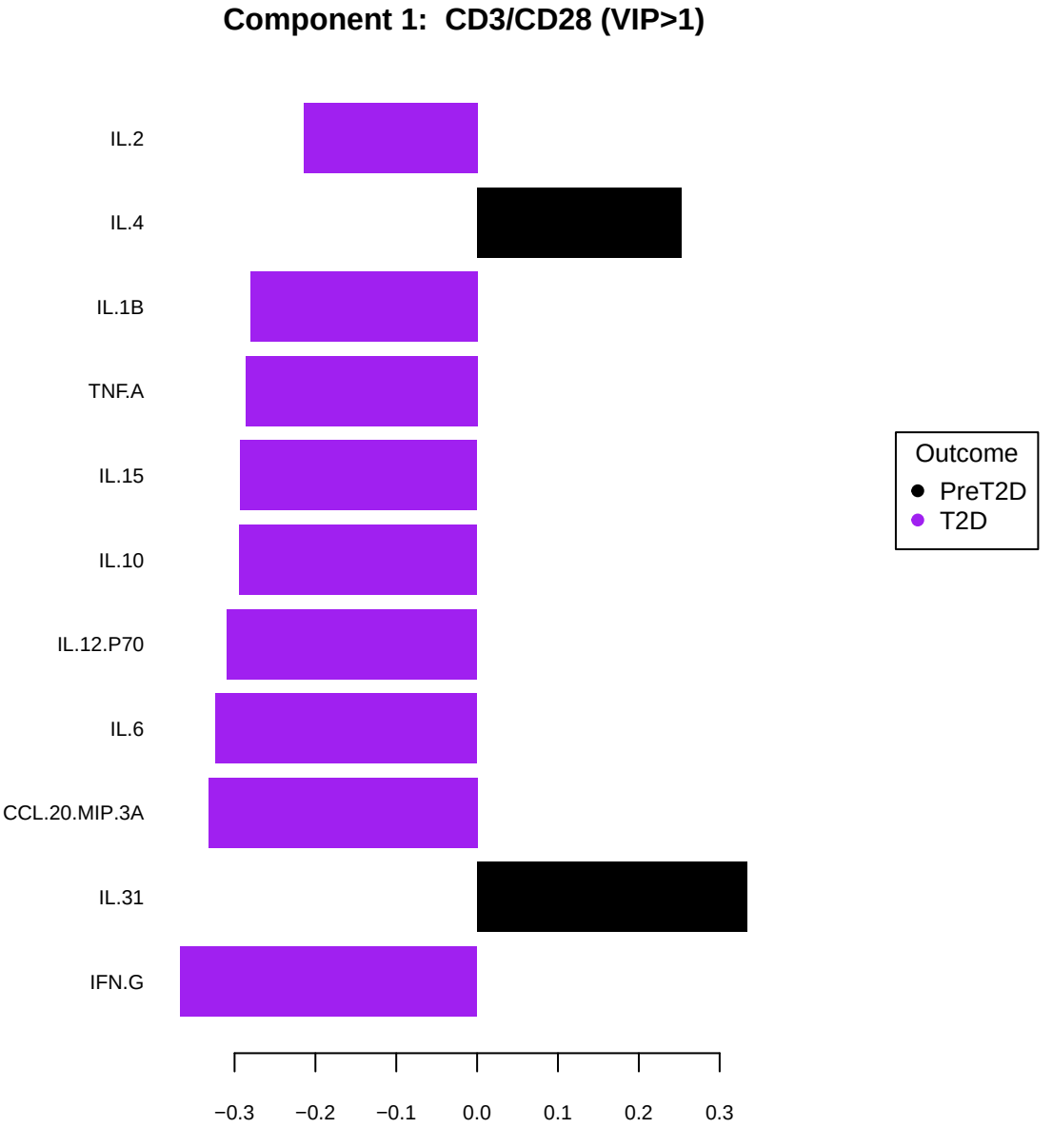

Component 1: CD3/CD28
IL.13
TNF.B
IL.28A
IL.5
IL.22
GM.CSF
IL.27
IL.33
IL.9
IL.21
IL.23
IL.17A
IL.17F
IL.2
IL.4
IL.1B
TNF.A
IL.15
IL.10
IL.12.P70
IL.6
CCL.20.MIP.3A
IL.31
IFN.G
−0.3
−0.2
−0.1
0.0
0.1
0.2
0.3
Outcome
PreT2D
T2D

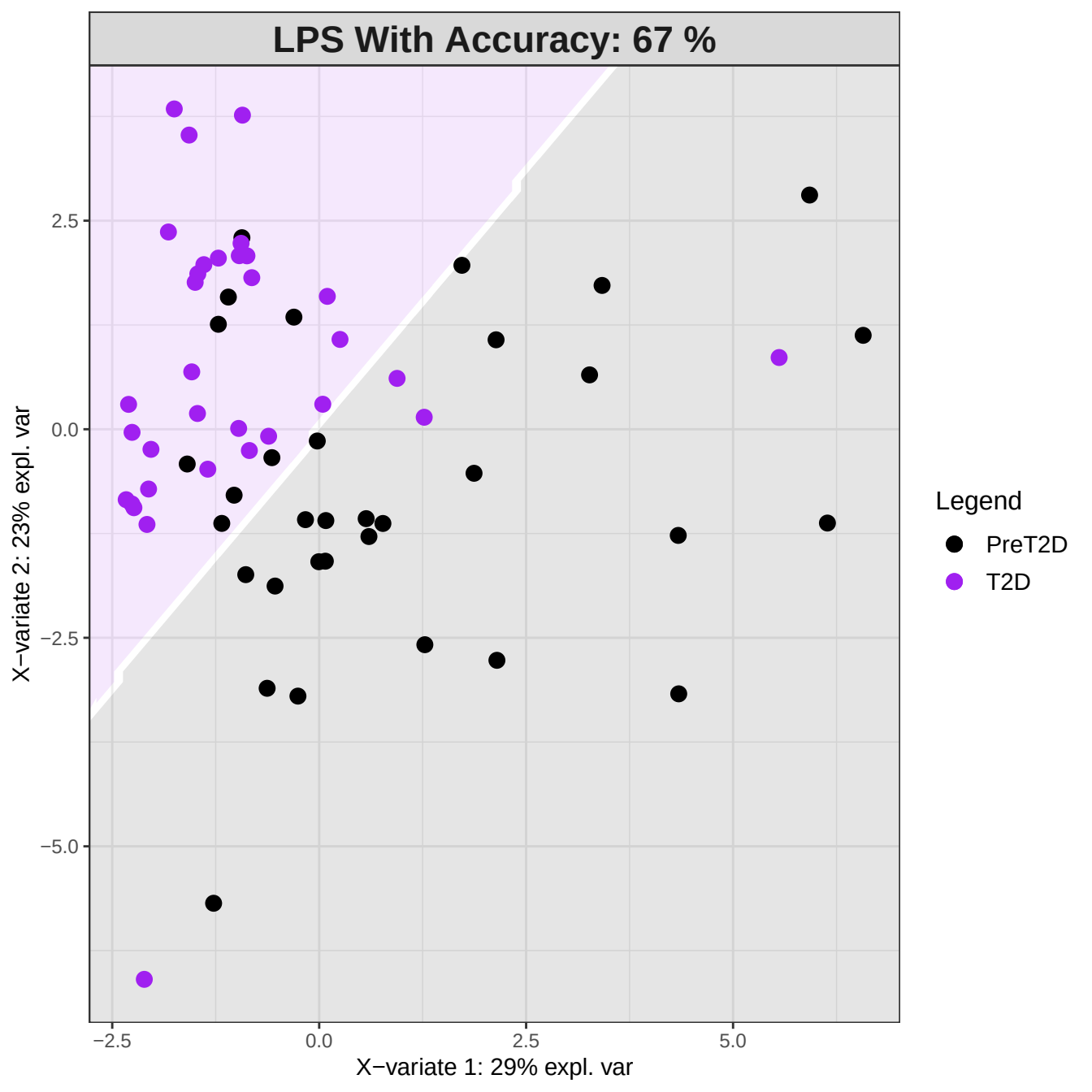

Component 2: CD3/CD28
IL.12.P70
IL.15
IFN.G
CCL.20.MIP.3A
IL.6
TNF.A
IL.10
IL.1B
IL.2
IL.21
IL.17F
IL.27
IL.9
IL.23
IL.17A
IL.5
IL.28A
TNF.B
IL.33
IL.13
IL.22
IL.4
GM.CSF
IL.31
−0.35
−0.30
−0.25
−0.20
−0.15
−0.10
−0.05
0.00
Outcome
PreT2D
T2D

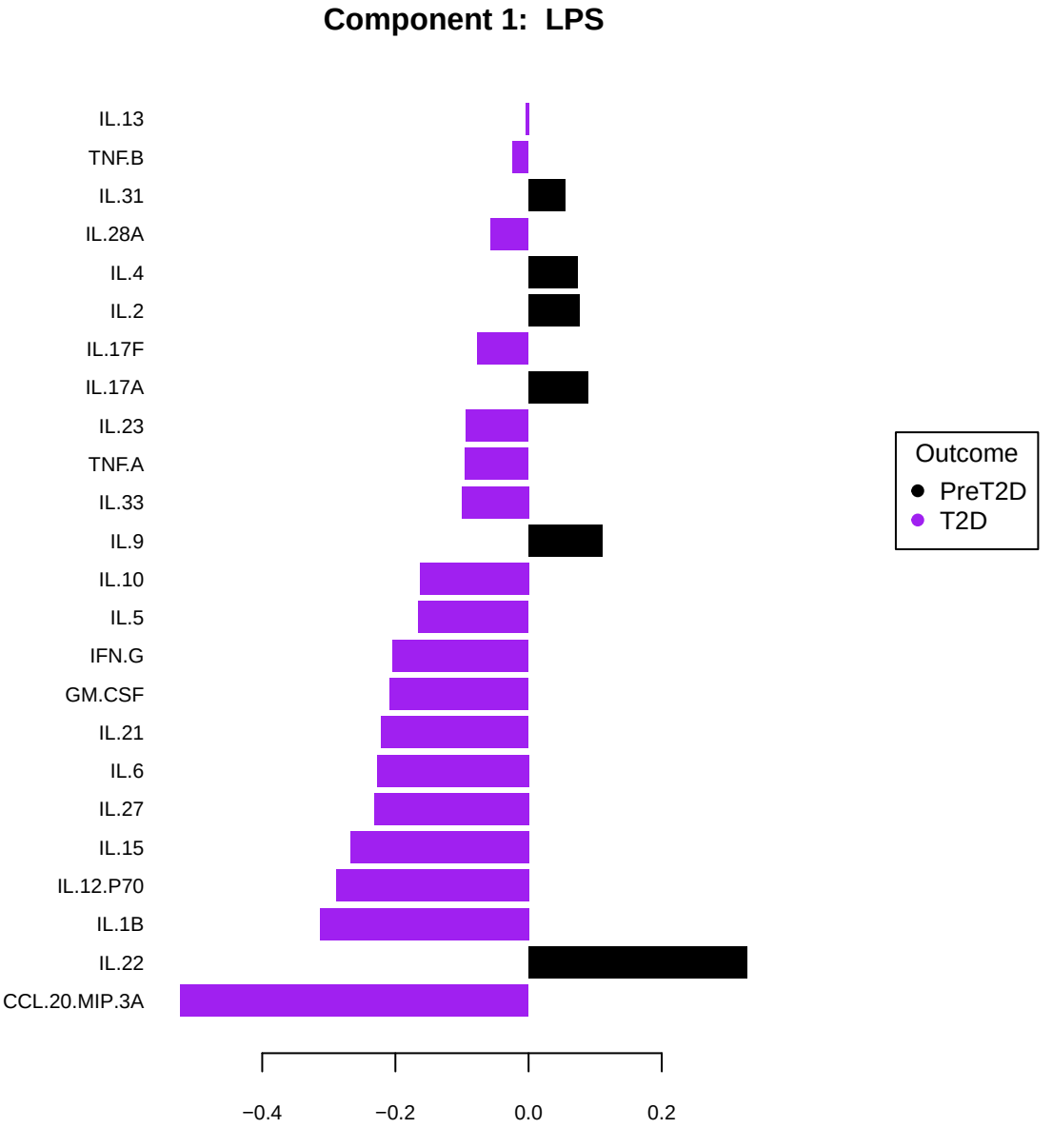

Component 1
VIP score
1.5
1.0
0.5
0.0
IFN.G
IL.31
CCL.20.MIP.3A
IL.6
IL.12.P70
IL.10
IL.15
TNF.A
IL.1B
IL.4
IL.2
IL.17F
IL.17A
IL.23
IL.21
IL.9
IL.33
IL.27
GM.CSF
IL.22
IL.5
IL.28A
TNF.B
IL.13
IL.17E.IL.25

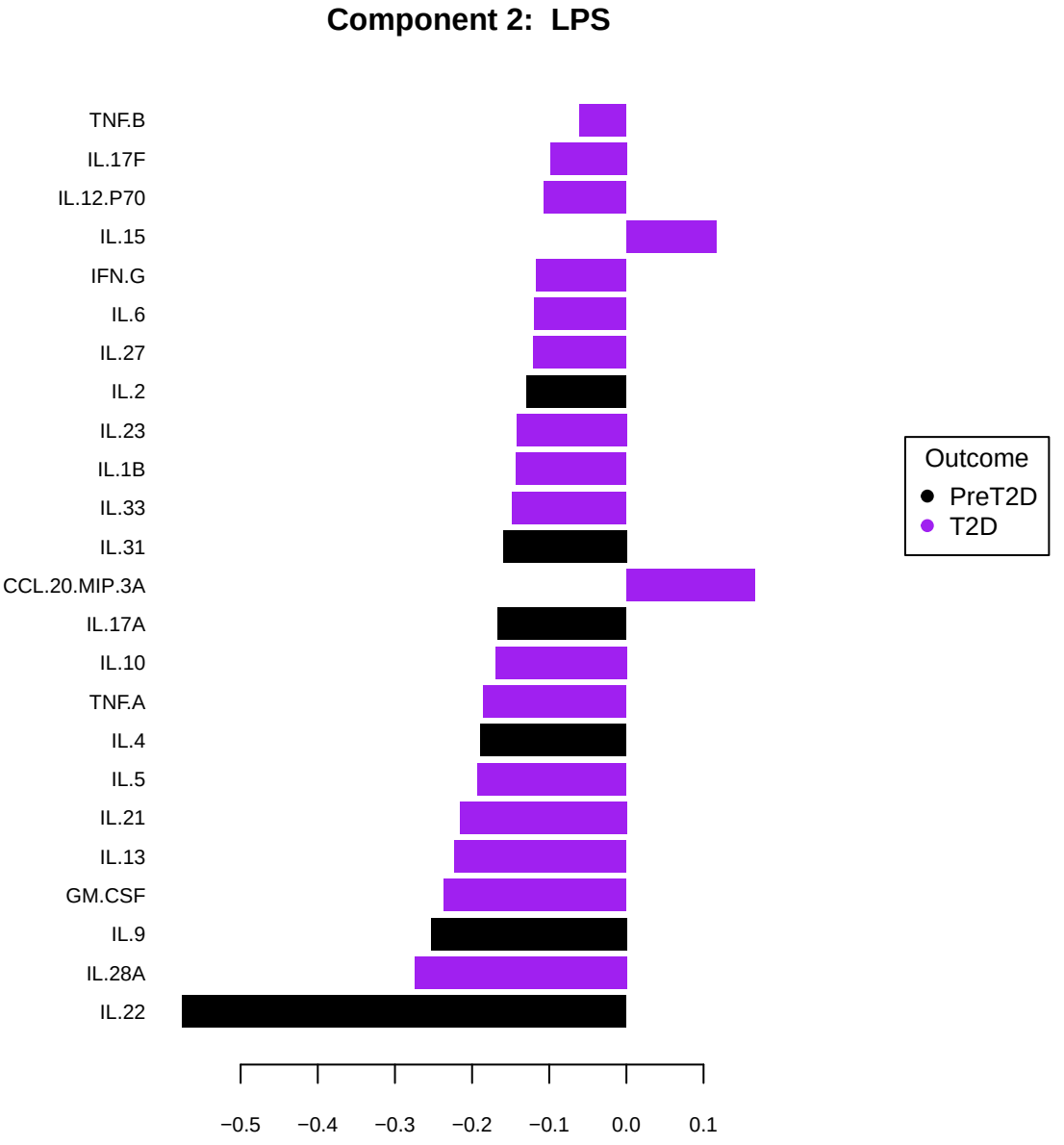

Component 2
VIP score
1.5
1.0
0.5
0.0
IL.31
IL.4
IFN.G
CCL.20.MIP.3A
IL.6
GM.CSF
IL.10
IL.12.P70
TNF.A
IL.1B
IL.15
IL.2
IL.33
IL.22
IL.17A
IL.23
IL.9
IL.13
IL.5
IL.28A
TNF.B
IL.17F
IL.27
IL.21
IL.17E.IL.25

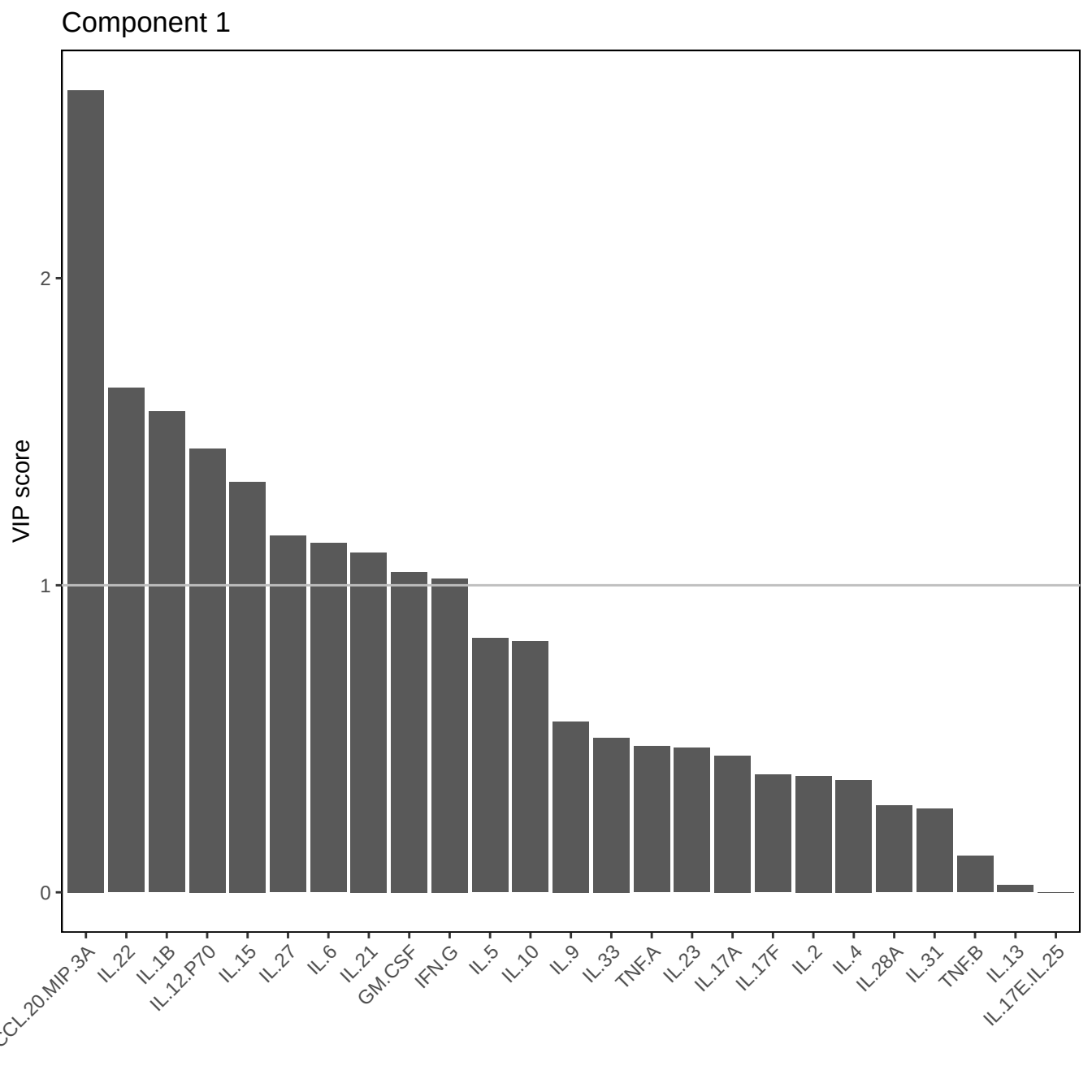

CD3/CD28 (VIP>1) With Accuracy 73 %
X−variate 2: 21% expl. var
X−variate 1: 64% expl. var
3
2
1
0
−1
−2
−3
0
4
8
Legend
PreT2D
T2D

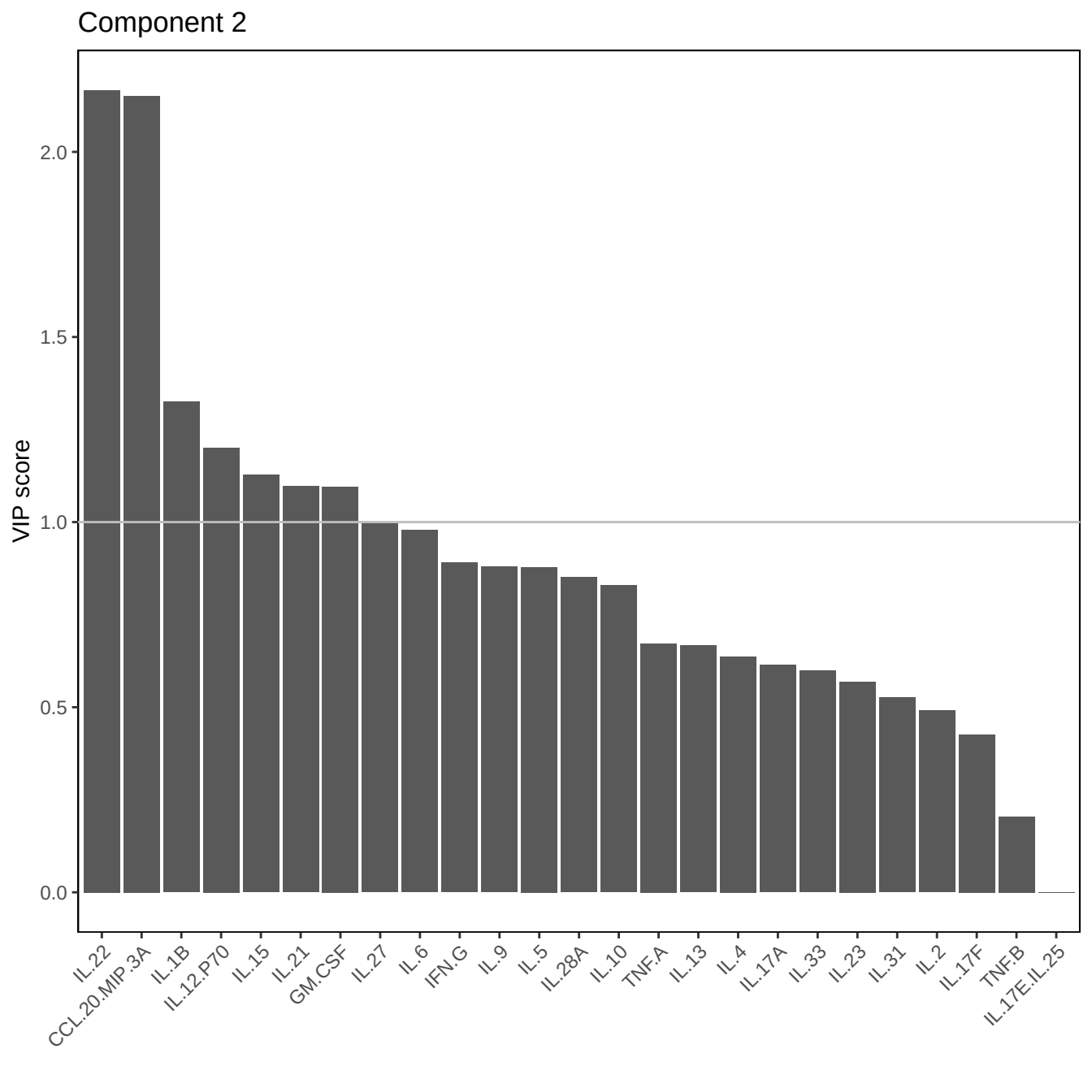

Component 1: CD3/CD28 (VIP>1)
IL.2
IL.4
IL.1B
TNF.A
IL.15
IL.10
IL.12.P70
IL.6
CCL.20.MIP.3A
IL.31
IFN.G
−0.3
−0.2
−0.1
0.0
0.1
0.2
0.3
Outcome
PreT2D
T2D

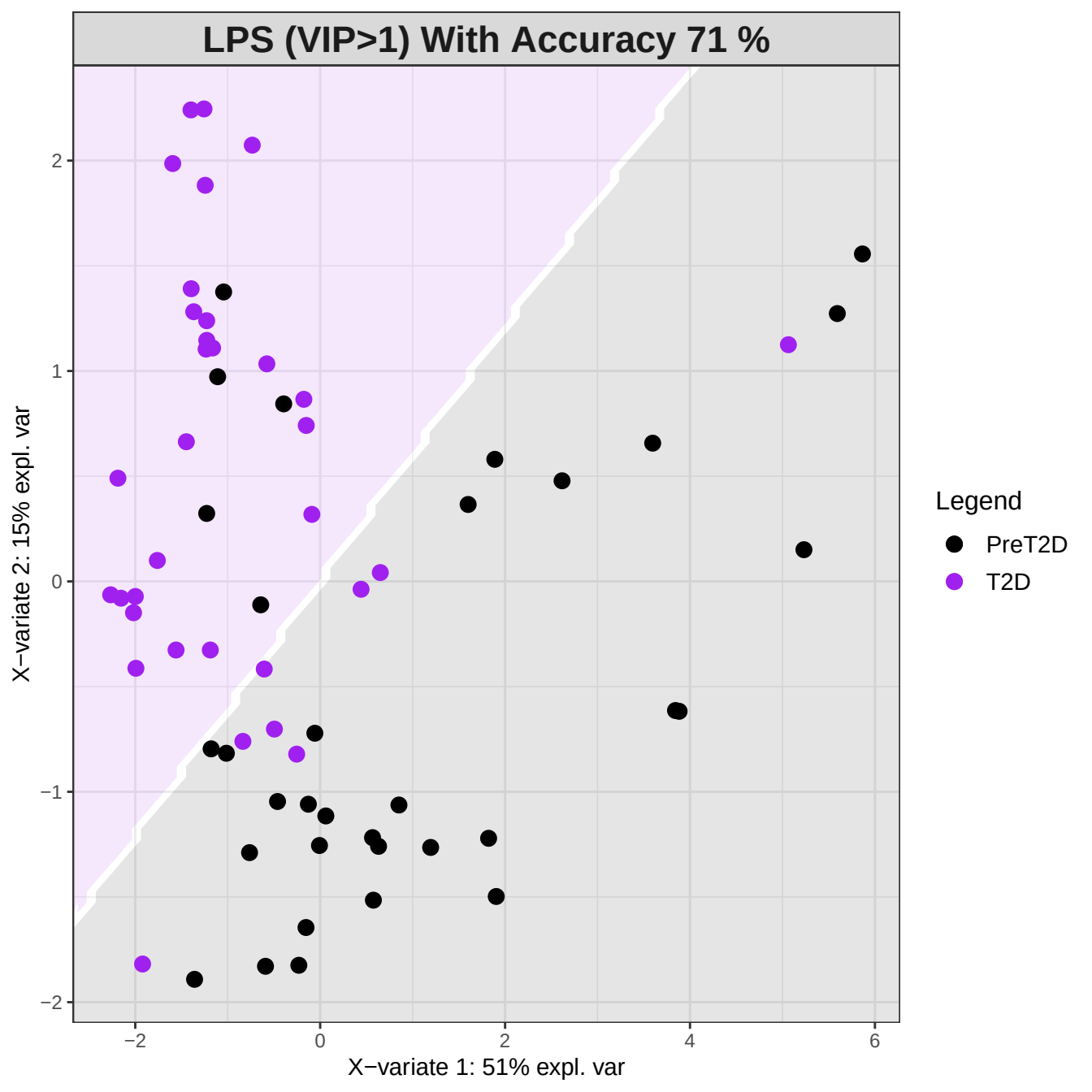

LPS With Accuracy: 67 %
2.5
0.0
−2.5
−5.0
X−variate 2: 23% expl. var
−2.5
0.0
2.5
5.0
X−variate 1: 29% expl. var
Legend
PreT2D
T2D

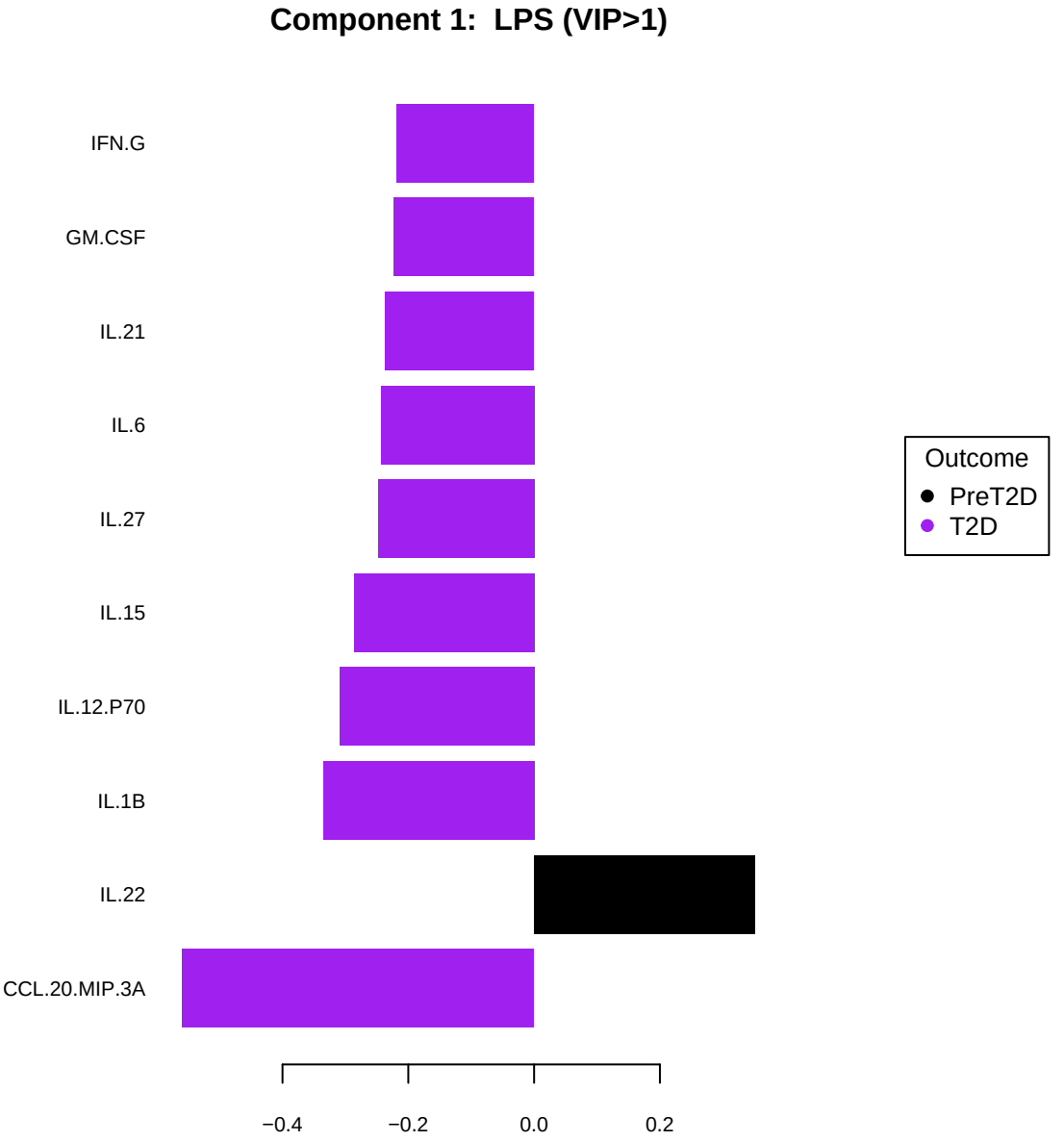

Component 1: LPS
IL.13
TNF.B
IL.31
IL.28A
IL.4
IL.2
IL.17F
IL.17A
IL.23
TNF.A
IL.33
IL.9
IL.10
IL.5
IFN.G
GM.CSF
IL.21
IL.6
IL.27
IL.15
IL.12.P70
IL.1B
IL.22
CCL.20.MIP.3A
−0.4
−0.2
0.0
0.2
Outcome
PreT2D
T2D


Component 2: LPS
TNF.B
IL.17F
IL.12.P70
IL.15
IFN.G
IL.6
IL.27
IL.2
IL.23
IL.1B
IL.33
IL.31
CCL.20.MIP.3A
IL.17A
IL.10
TNF.A
IL.4
IL.5
IL.21
IL.13
GM.CSF
IL.9
IL.28A
IL.22
−0.5
−0.4
−0.3
−0.2
−0.1
0.0
0.1
Outcome
PreT2D
T2D


Component 1
VIP score
2
1
0
CCL.20.MIP.3A
IL.22
IL.1B
IL.12.P70
IL.15
IL.27
IL.6
IL.21
GM.CSF
IFN.G
IL.5
IL.10
IL.9
IL.33
TNF.A
IL.23
IL.17A
IL.17F
IL.2
IL.4
IL.28A
IL.31
TNF.B
IL.13
IL.17E.IL.25


Component 2
VIP score
2.0
1.5
1.0
0.5
0.0
IL.22
CCL.20.MIP.3A
IL.1B
IL.12.P70
IL.15
IL.21
GM.CSF
IL.27
IL.6
IFN.G
IL.9
IL.5
IL.28A
IL.10
TNF.A
IL.13
IL.4
IL.17A
IL.33
IL.23
IL.31
IL.2
IL.17F
TNF.B
IL.17E.IL.25


LPS (VIP>1) With Accuracy 71 %
X−variate 2: 15% expl. var
X−variate 1: 51% expl. var
2
1
0
−1
−2
−2
0
2
4
6
Legend
PreT2D
T2D


Component 1: LPS (VIP>1)
IFN.G
GM.CSF
IL.21
IL.6
IL.27
IL.15
IL.12.P70
IL.1B
IL.22
CCL.20.MIP.3A
−0.4
−0.2
0.0
0.2
Outcome
PreT2D
T2D