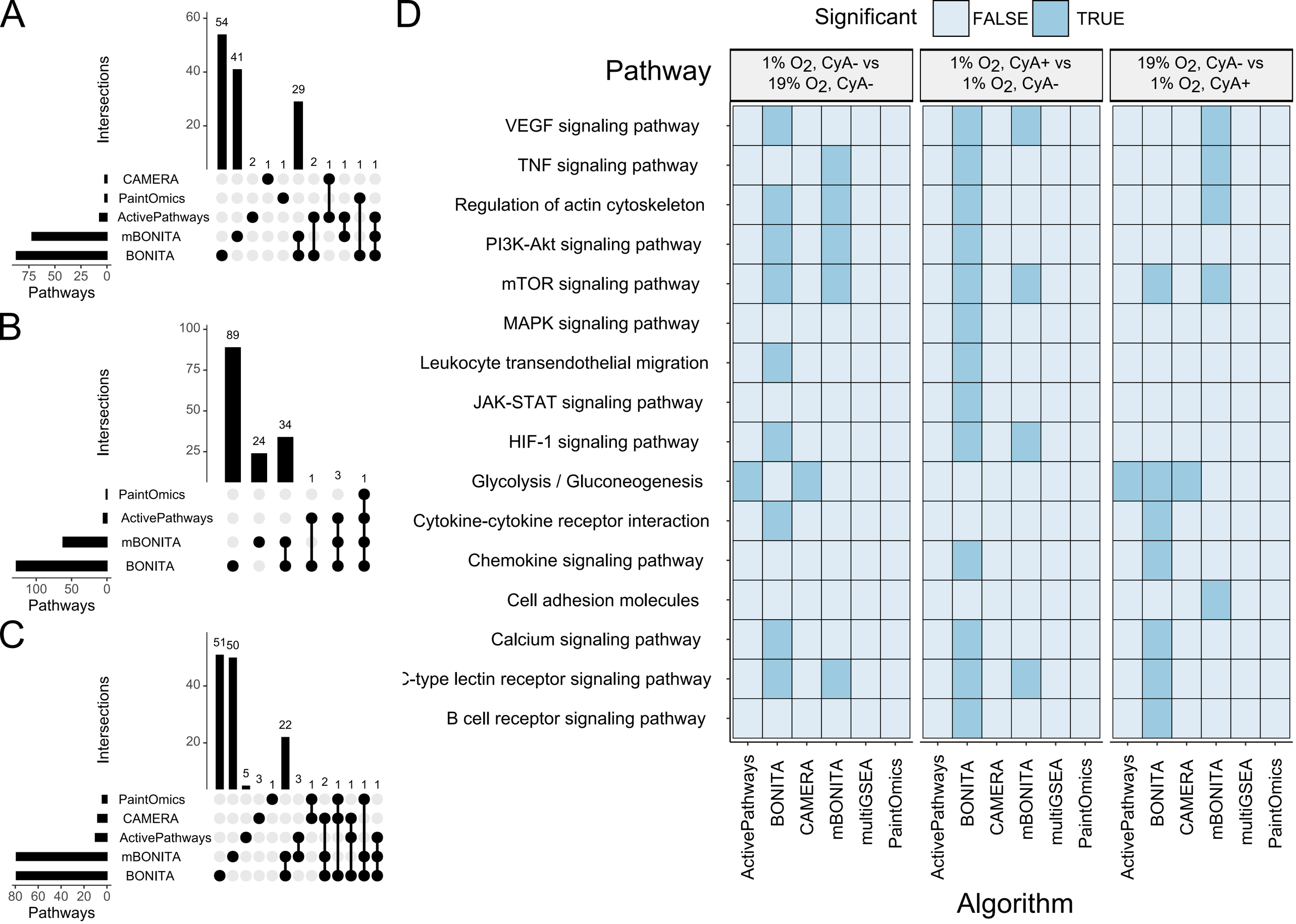
A
Intersections
60
40
20
54
41
2
1
1
29
2
1
1
1
1
CAMERA
PaintOmics
ActivePathways
mBONITA
BONITA
75
50
25
0
Pathways
B
Intersections
100
75
50
25
89
24
34
1
3
1
PaintOmics
ActivePathways
mBONITA
BONITA
100
50
0
Pathways
C
Intersections
40
20
51
50
5
3
1
22
3
1
2
1
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1
1
PaintOmics
CAMERA
ActivePathways
mBONITA
BONITA
80
60
40
20
0
Pathways
D
Significant
FALSE
TRUE
Pathway
1% O2, CyA- vs 19% O2, CyA-
1% O2, CyA+ vs 1% O2, CyA-
19% O2, CyA- vs 1% O2, CyA+
VEGF signaling pathway
TNF signaling pathway
Regulation of actin cytoskeleton
PI3K-Akt signaling pathway
mTOR signaling pathway
MAPK signaling pathway
Leukocyte transendothelial migration
JAK-STAT signaling pathway
HIF-1 signaling pathway
Glycolysis / Gluconeogenesis
Cytokine-cytokine receptor interaction
Chemokine signaling pathway
Cell adhesion molecules
Calcium signaling pathway
C-type lectin receptor signaling pathway
B cell receptor signaling pathway
ActivePathways
BONITA
CAMERA
mBONITA
multiGSEA
PaintOmics
Algorithm