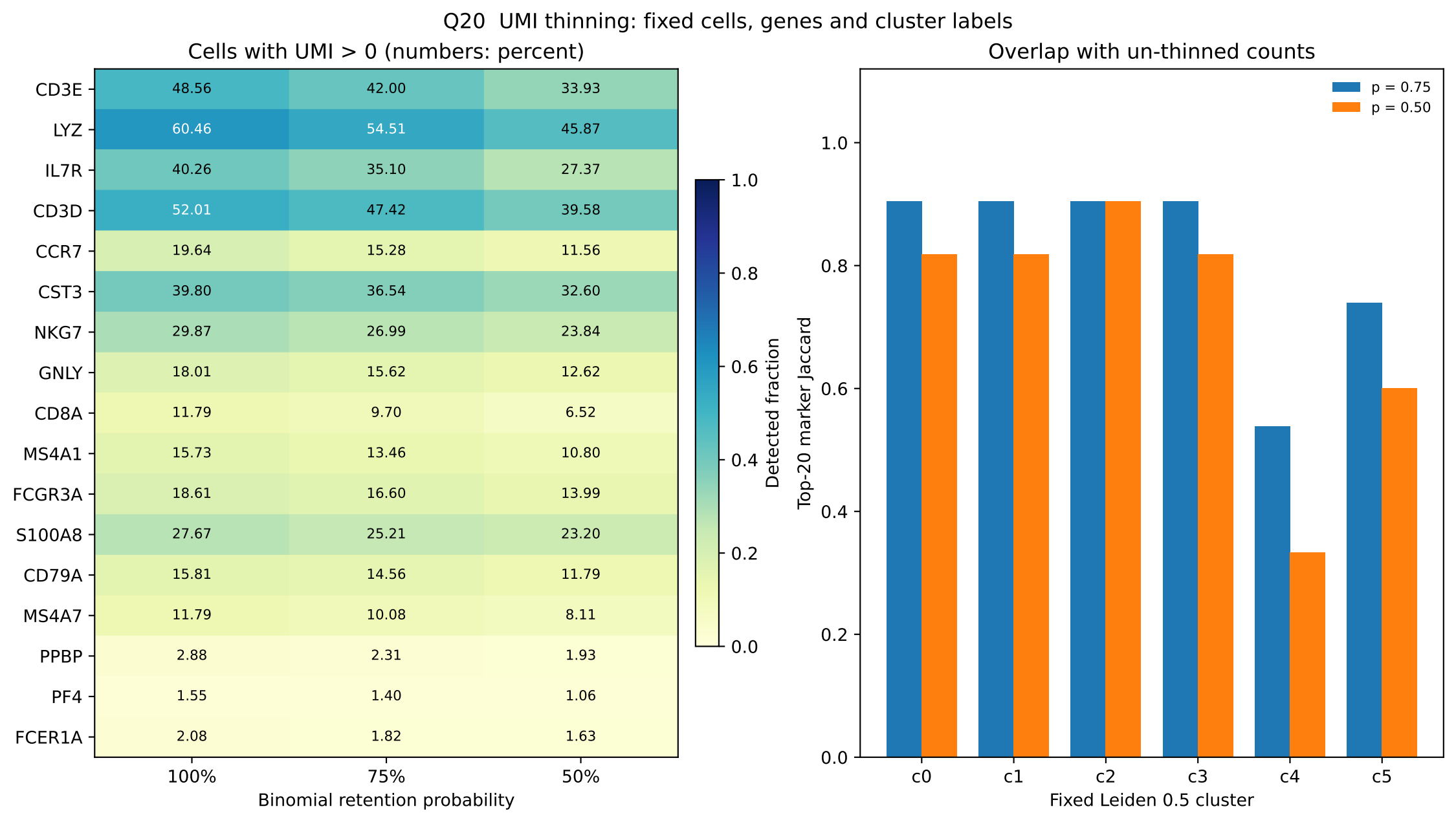

Q20 UMI thinning: fixed cells, genes and cluster labels
Cells with UMI > 0 (numbers: percent)
CD3E 48.56 42.00 33.93
LYZ 60.46 54.51 45.87
IL7R 40.26 35.10 27.37
CD3D 52.01 47.42 39.58
CCR7 19.64 15.28 11.56
CST3 39.80 36.54 32.60
NKG7 29.87 26.99 23.84
GNLY 18.01 15.62 12.62
CD8A 11.79 9.70 6.52
MS4A1 15.73 13.46 10.80
FCGR3A 18.61 16.60 13.99
S100A8 27.67 25.21 23.20
CD79A 15.81 14.56 11.79
MS4A7 11.79 10.08 8.11
PPBP 2.88 2.31 1.93
PF4 1.55 1.40 1.06
FCER1A 2.08 1.82 1.63
100%
75%
50%
Binomial retention probability
Detected fraction
1.0
0.8
0.6
0.4
0.2
0.0
Overlap with un-thinned counts
p = 0.75
p = 0.50
Top-20 marker Jaccard
1.0
0.8
0.6
0.4
0.2
0.0
c0
c1
c2
c3
c4
c5
Fixed Leiden 0.5 cluster