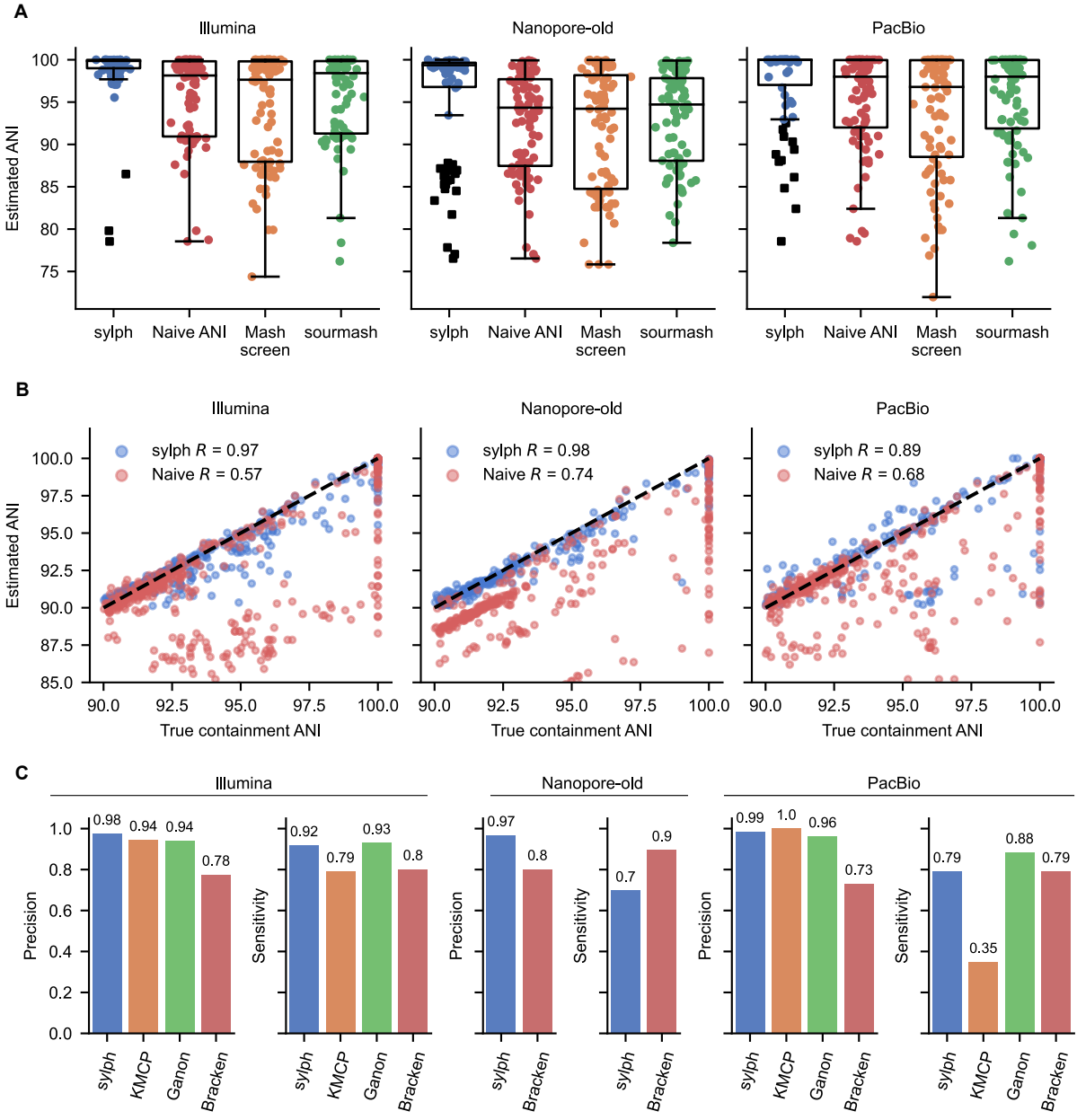
A
Illumina
Nanopore-old
PacBio
Estimated ANI
100
95
90
85
80
75
sylph
Naive ANI
Mash screen
sourmash
B
Illumina
Nanopore-old
PacBio
sylph R = 0.97
Naive R = 0.57
sylph R = 0.98
Naive R = 0.74
sylph R = 0.89
Naive R = 0.68
Estimated ANI
100.0
97.5
95.0
92.5
90.0
87.5
85.0
90.0
92.5
95.0
97.5
100.0
True containment ANI
C
Illumina
Nanopore-old
PacBio
Precision
Sensitivity
1.0
0.8
0.6
0.4
0.2
0.0
0.98
0.94
0.94
0.78
0.92
0.79
0.93
0.8
0.97
0.8
0.7
0.9
0.99
1.0
0.96
0.73
0.79
0.35
0.88
0.79
sylph
KMCP
Ganon
Bracken