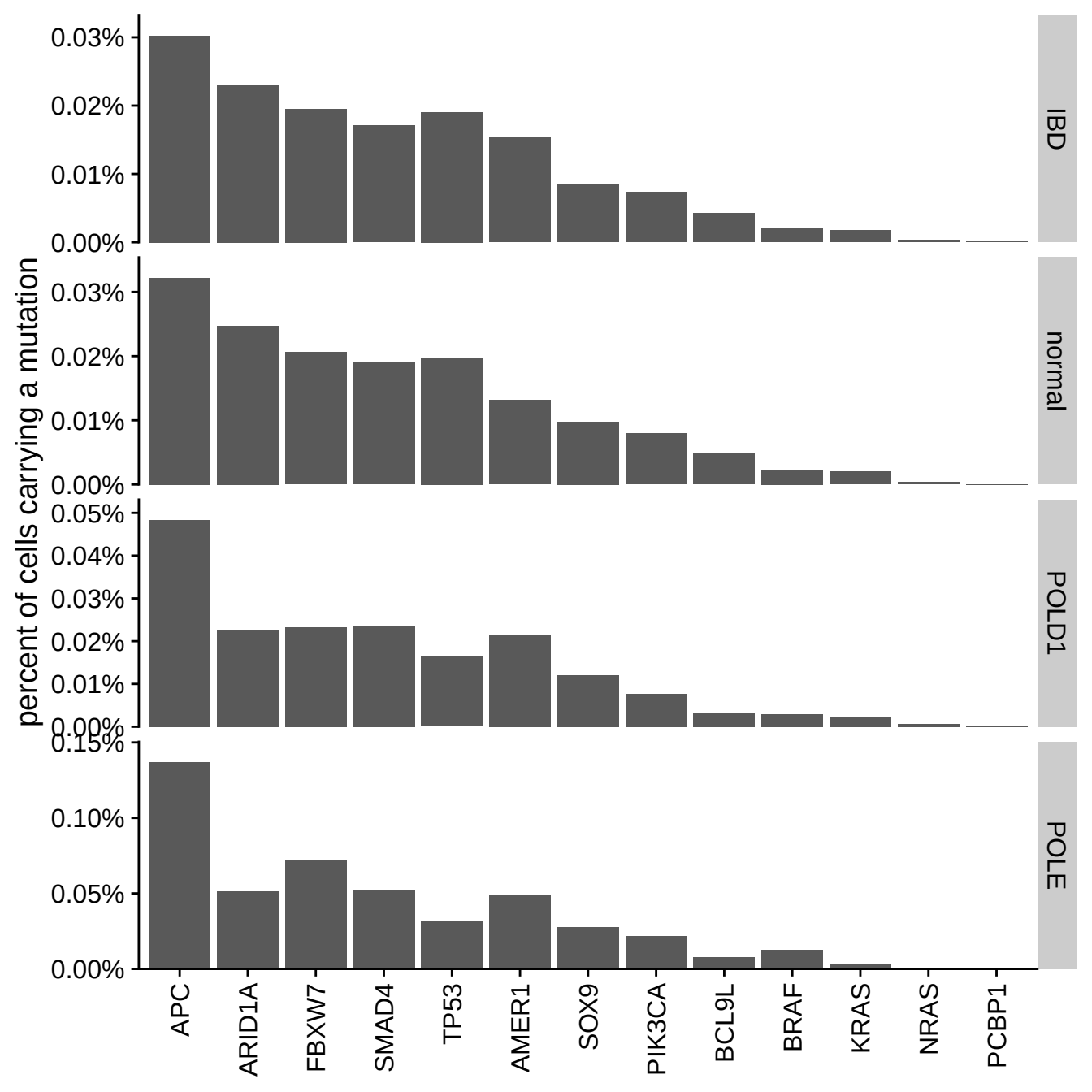
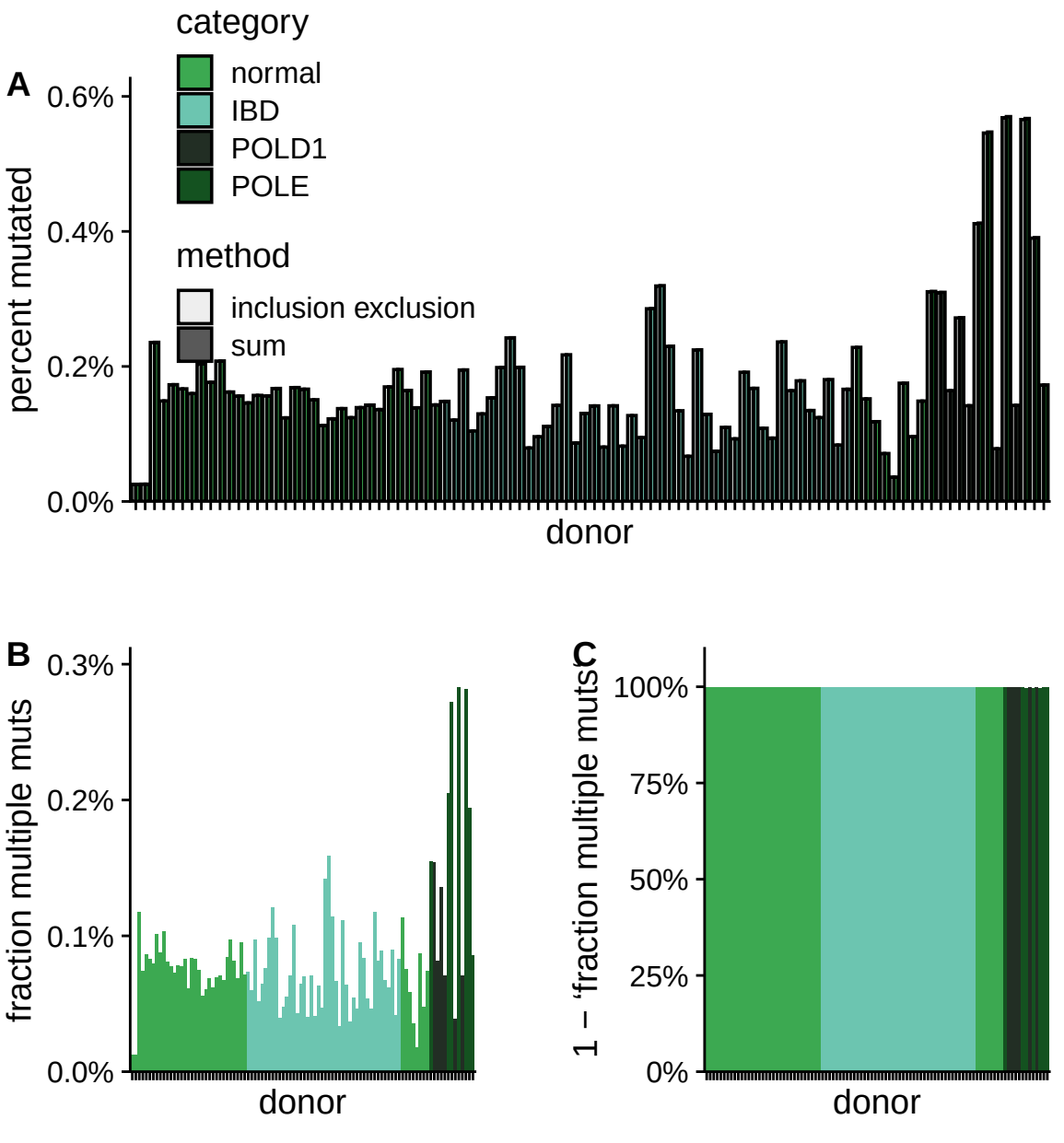
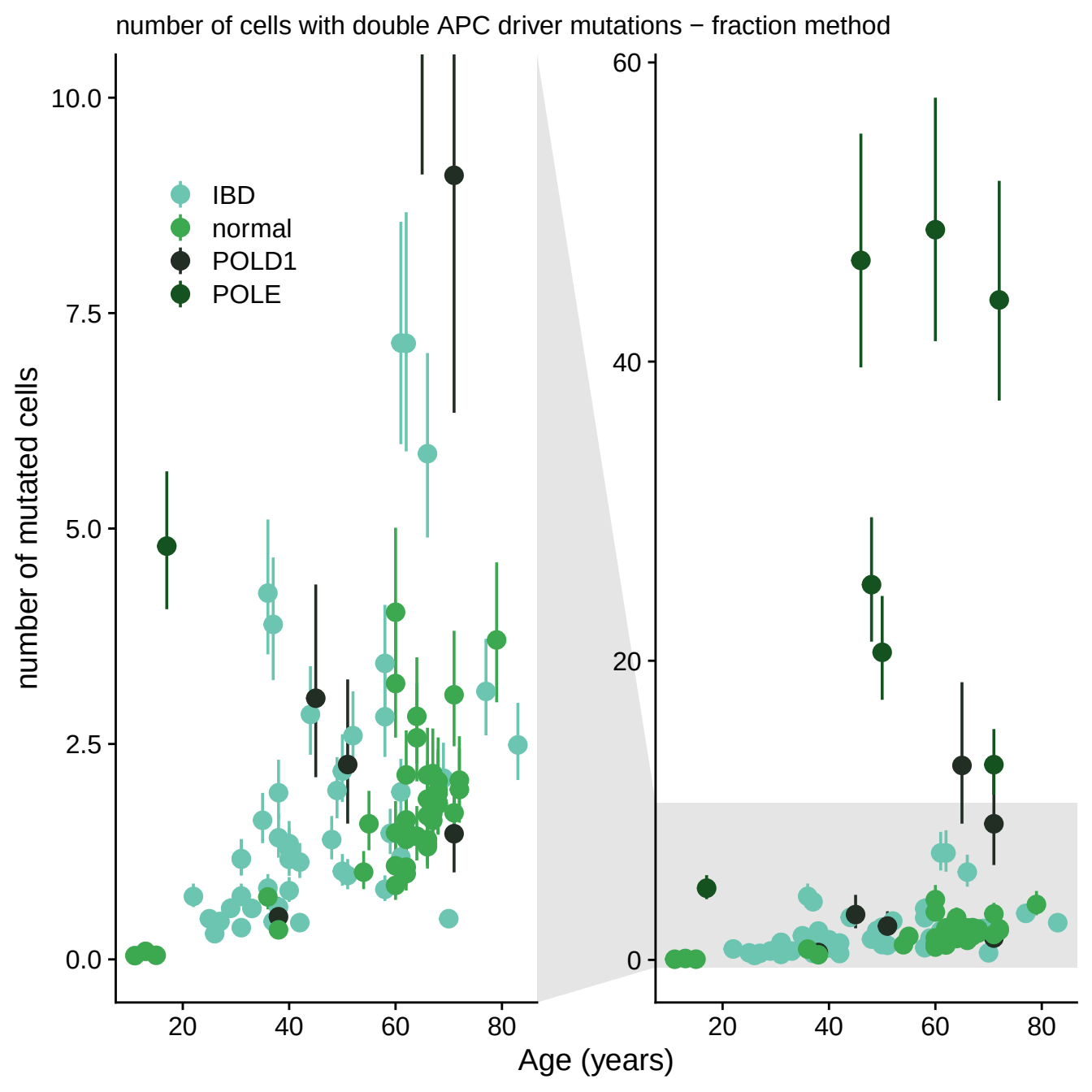
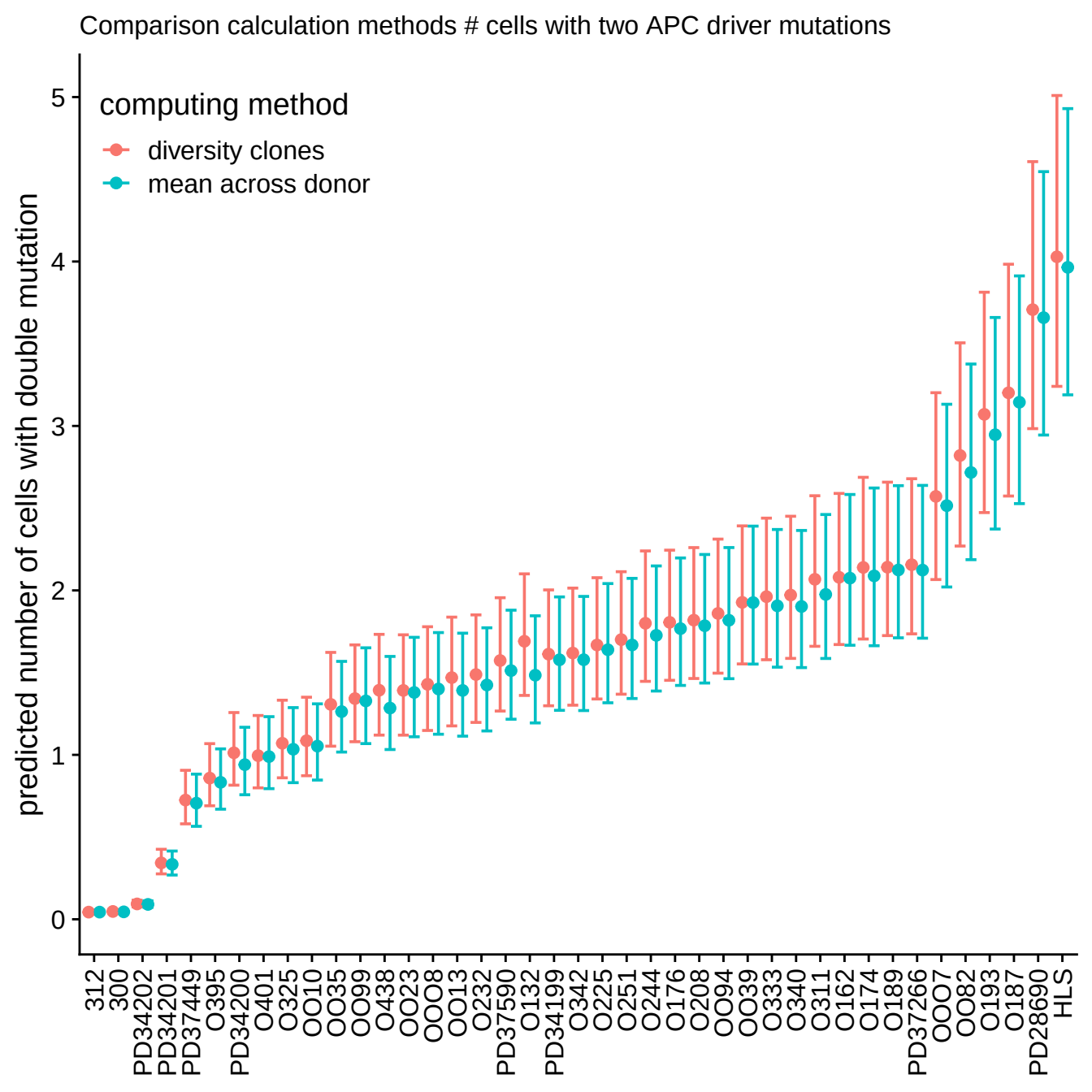

percent of cells carrying a mutation
0.03%
0.02%
0.01%
0.00%
IBD
normal
0.05%
0.04%
POLD1
0.15%
0.10%
POLE
APC
ARID1A
FBXW7
SMAD4
TP53
AMER1
SOX9
PIK3CA
BCL9L
BRAF
KRAS
NRAS
PCBP1


A
category
normal
IBD
POLD1
POLE
method
inclusion exclusion
sum
percent mutated
0.6%
0.4%
0.2%
0.0%
donor
B
fraction multiple muts
0.3%
0.2%
0.1%
0.0%
donor
C
1 – 'fraction multiple muts'
100%
75%
50%
25%
0%
donor


number of cells with double APC driver mutations − fraction method
number of mutated cells
Age (years)
IBD
normal
POLD1
POLE
10.0
7.5
5.0
2.5
0.0
60
40
20
0
20
40
60
80


Comparison calculation methods # cells with two APC driver mutations
computing method
diversity clones
mean across donor
predicted number of cells with double mutation
0
1
2
3
4
5
312
300
PD34202
PD34201
PD37449
O395
PD34200
O401
O325
OO10
OO35
OO99
O438
OO23
OOO8
OO13
O232
PD37590
O132
PD34199
O342
O225
O251
O244
O176
O208
OO94
OO39
O333
O340
O311
O162
O174
O189
PD37266
OOO7
OO82
O193
O187
PD28690
HLS