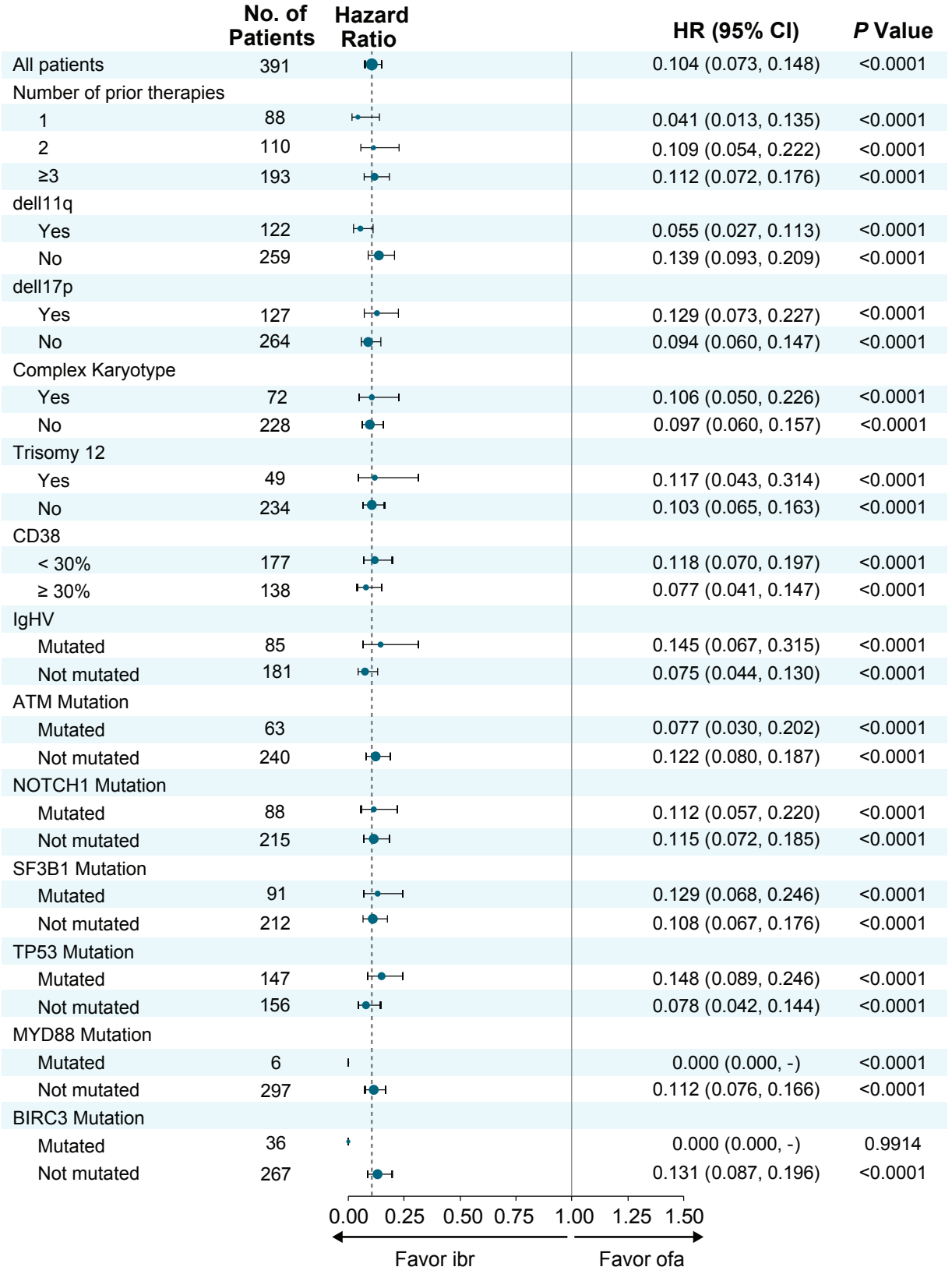
No. of Patients
Hazard Ratio
HR (95% CI)
P Value
All patients 391 0.104 (0.073, 0.148) <0.0001
Number of prior therapies
1 88 0.041 (0.013, 0.135) <0.0001
2 110 0.109 (0.054, 0.222) <0.0001
≥3 193 0.112 (0.072, 0.176) <0.0001
dell11q
Yes 122 0.055 (0.027, 0.113) <0.0001
No 259 0.139 (0.093, 0.209) <0.0001
dell17p
Yes 127 0.129 (0.073, 0.227) <0.0001
No 264 0.094 (0.060, 0.147) <0.0001
Complex Karyotype
Yes 72 0.106 (0.050, 0.226) <0.0001
No 228 0.097 (0.060, 0.157) <0.0001
Trisomy 12
Yes 49 0.117 (0.043, 0.314) <0.0001
No 234 0.103 (0.065, 0.163) <0.0001
CD38
< 30% 177 0.118 (0.070, 0.197) <0.0001
≥ 30% 138 0.077 (0.041, 0.147) <0.0001
IgHV
Mutated 85 0.145 (0.067, 0.315) <0.0001
Not mutated 181 0.075 (0.044, 0.130) <0.0001
ATM Mutation
Mutated 63 0.077 (0.030, 0.202) <0.0001
Not mutated 240 0.122 (0.080, 0.187) <0.0001
NOTCH1 Mutation
Mutated 88 0.112 (0.057, 0.220) <0.0001
Not mutated 215 0.115 (0.072, 0.185) <0.0001
SF3B1 Mutation
Mutated 91 0.129 (0.068, 0.246) <0.0001
Not mutated 212 0.108 (0.067, 0.176) <0.0001
TP53 Mutation
Mutated 147 0.148 (0.089, 0.246) <0.0001
Not mutated 156 0.078 (0.042, 0.144) <0.0001
MYD88 Mutation
Mutated 6 0.000 (0.000, -) <0.0001
Not mutated 297 0.112 (0.076, 0.166) <0.0001
BIRC3 Mutation
Mutated 36 0.000 (0.000, -) 0.9914
Not mutated 267 0.131 (0.087, 0.196) <0.0001
0.00 0.25 0.50 0.75 1.00 1.25 1.50
Favor ibr
Favor ofa