```
          10         20         30         40         50
MPPRPSSGEL WGIHLMPPRI LVECLLPNGM IVTLECLREA TLITIKHELF
          60         70         80         90        100
KEARKYPLHQ LLQDESSYIF VSVTQEAERE EFFDETRRLC DLRLFQPFLK
         110        120        130        140        150
VIEPVGNREE KILNREIGFA IGMPVCEFDM VKDPEVQDFR RNILNVCKEA
         160        170        180        190        200
VDLRDLNSPH SRAMYVYPPN VESSPELPKH IYNKLDKGQI IVVIWVIVSP
         210        220        230        240        250
NNDKQKYTLK INHDCVPEQV IAEAIRKKTR SMLLSSEQLK LCVLEYQGKY
         260        270        280        290        300
ILKVCGCDEY FLEKYPLSQY KYIRSCIMLG RMPNLMLMAK ESLYSQLPMD
         310        320        330        340        350
CFTMPSYSRR ISTATPYMNG ETSTKSLWVI NSALRIKILC ATYVNVNIRD
         360        370        380        390        400
IDKIYVRTGI YHGGEPLCDN VNTQRVPCSN PRWNEWLNYD IYIPDLPRAA
         410        420        430        440        450
RLCLSICSVK GRKGAKEEHC PLAWGNINLF DYTDTLVSGK MALNLWPVPH
         460        470        480        490        500
GLEDLLNPIG VTGSNPNKET PCLELEFDWF SSVVKFPDMS VIEEHANWSV
         510        520        530        540        550
SREAGFSYSH AGLSNRLARD NELRENDKEQ LKAISTRDPL SEITEQEKDF
         560        570        580        590        600
LWSHRHYCVT IPEILPKLLL SVKWNSRDEV AQMYCLVKDW PPIKPEQAME
         610        620        630        640        650
LLDCNYPDPM VRGFAVRCLE KYLTDDKLSQ YLIQLVQVLK YEQYLDNLLV
         660        670        680        690        700
RFLLKKALTN QRIGHFFFWH LKSEMHNKTV SQRFGLLLES YCRACGMYLK
         710        720        730        740        750
HLNRQVEAME KLINLTDILK QEKKDETQKV QMKFLVEQMR RPDFMDALQG
         760        770        780        790        800
FLSPLNPAHQ LGNLRLEECR IMSSAKRPLW LNWENPDIMS ELLFQNNEII
         810        820        830        840        850
FKNGDDLRQD MLTLQIIRIM ENIWQNQGLD LRMLPYGCLS IGDCVGLIEV
         860        870        880        890        900
VRNSHTIMQI QCKGGLKGAL QFNSHTLHQW LKDKNKGEIY DAAIDLFTRS
         910        920        930        940        950
CAGYCVATFI LGIGDRHNSN IMVKDDGQLF HIDFGHFLDH KKKKFGYKRE
         960        970        980        990       1000
RVPFVLTQDF LIVISKGAQE CTKTREFERF QEMCYKAYLA IRQHANLFIN
        1010       1020       1030       1040       1050
LFSMMLGSGM PELQSFDDIA YIRKTLALDK TEQEALEYFM KQMNDAHHGG
        1060
WTTKMDWIFH TIKQHALN
```

(SEQ ID NO: 23)

FIG. 1

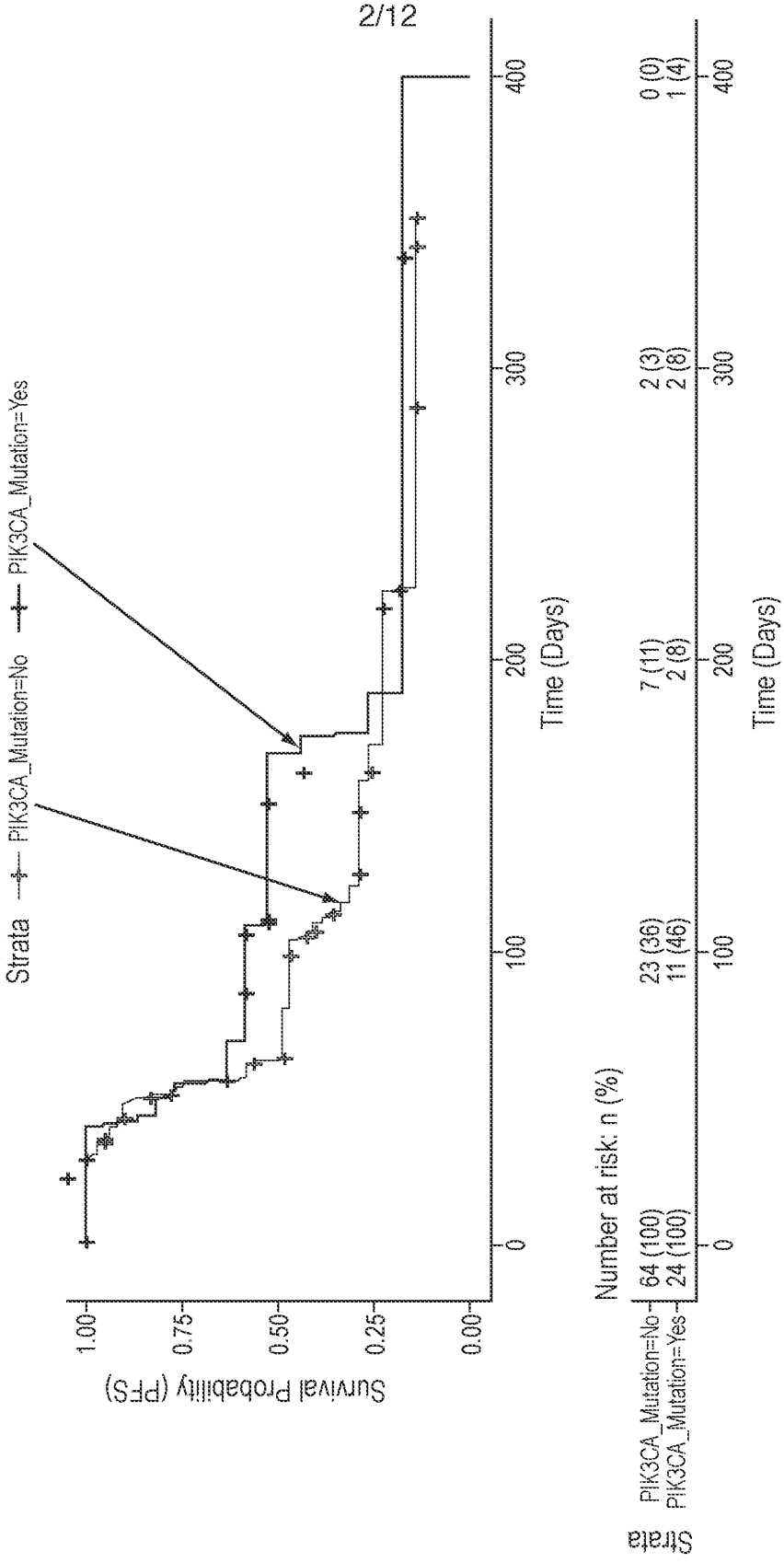

Strata
PIK3CA_Mutation=No
PIK3CA_Mutation=Yes
Survival Probability (PFS)
1.00
0.75
0.50
0.25
0.00
0
100
200
300
400
Time (Days)
Number at risk: n (%)
PIK3CA_Mutation=No
PIK3CA_Mutation=Yes
64 (100)
24 (100)
23 (36)
11 (46)
7 (11)
2 (8)
2 (3)
2 (8)
0 (0)
1 (4)
Strata

FIG. 2

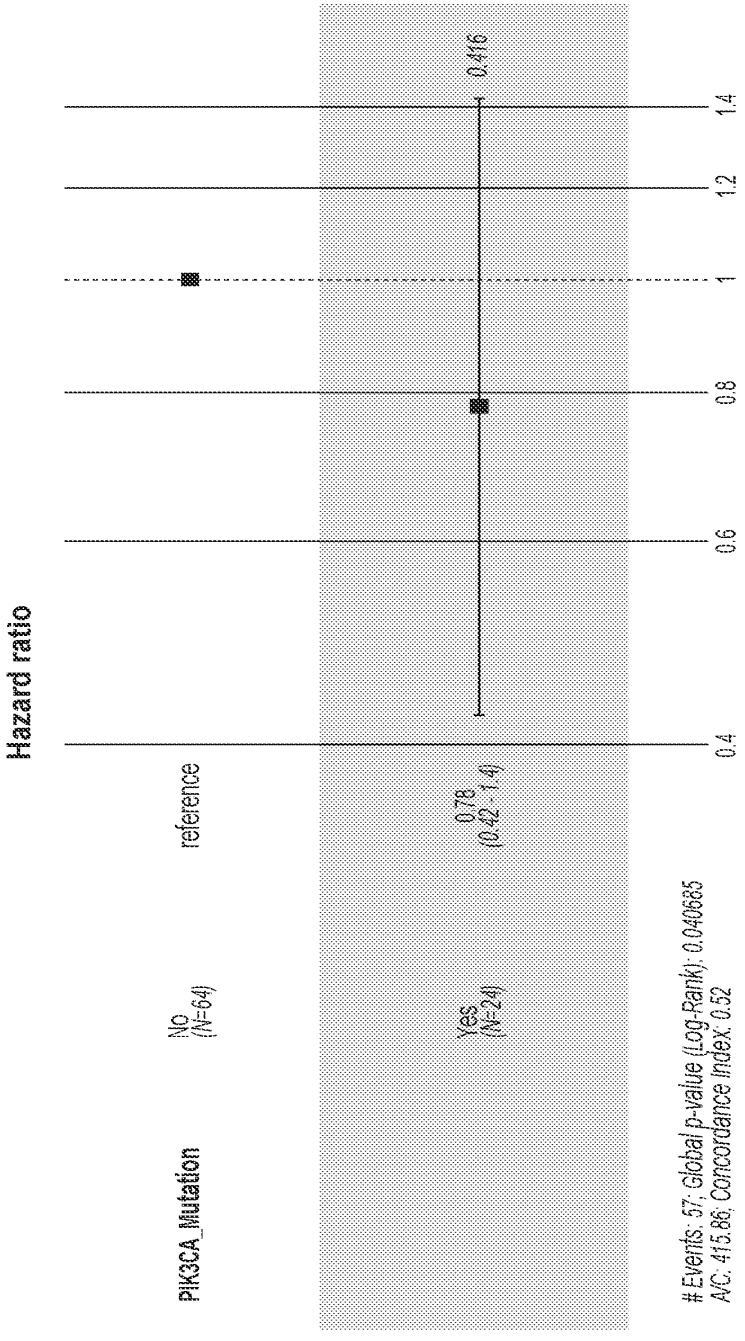

Hazard ratio
0.4
0.6
0.8
1
1.2
1.4
0.416
PIK3CA_Mutation
NO (N=64)
reference
Yes (N=24)
0.78 (0.42 - 1.4)
Events: 57; Global p-value (Log-Rank): 0.040685
AIC: 415.86; Concordance Index: 0.52

FIG. 3

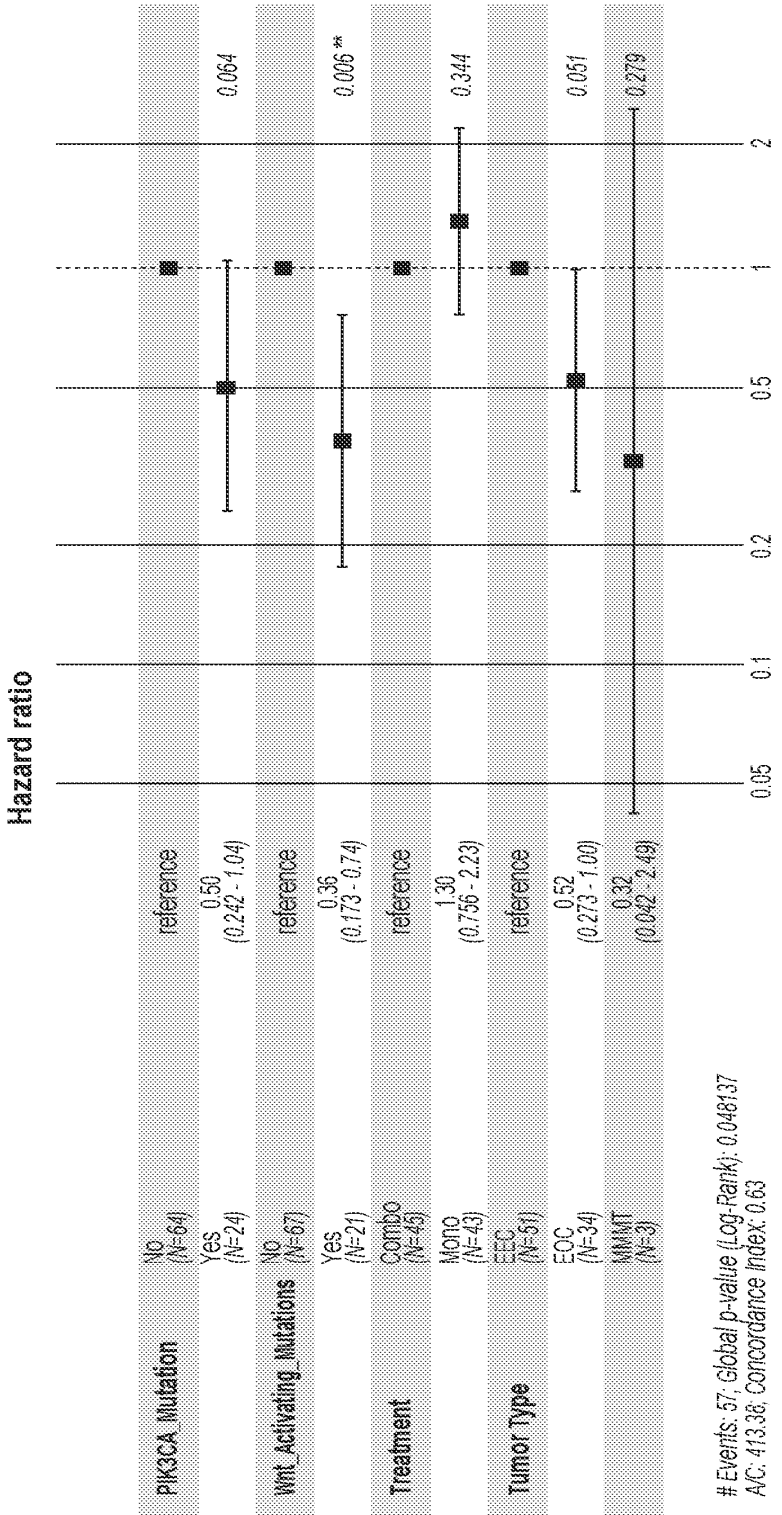

Hazard ratio
0.05
0.1
0.2
0.5
1
2
PIK3CA_Mutation
No (N=64)
reference
Yes (N=24)
0.50 (0.242 - 1.04)
0.064
Wnt_Activating_Mutations
No (N=67)
reference
Yes (N=21)
0.36 (0.173 - 0.74)
0.006 **
Treatment
Combo (N=45)
reference
MONO (N=43)
1.30 (0.756 - 2.23)
0.344
Tumor Type
EEC (N=51)
reference
EOC (N=34)
0.52 (0.273 - 1.00)
0.051
MMMT (N=3)
0.32 (0.042 2.49)
0.279
Events: 57; Global p-value (Log-Rank): 0.048137
AIC: 413.36; Concordance Index: 0.63

FIG. 4

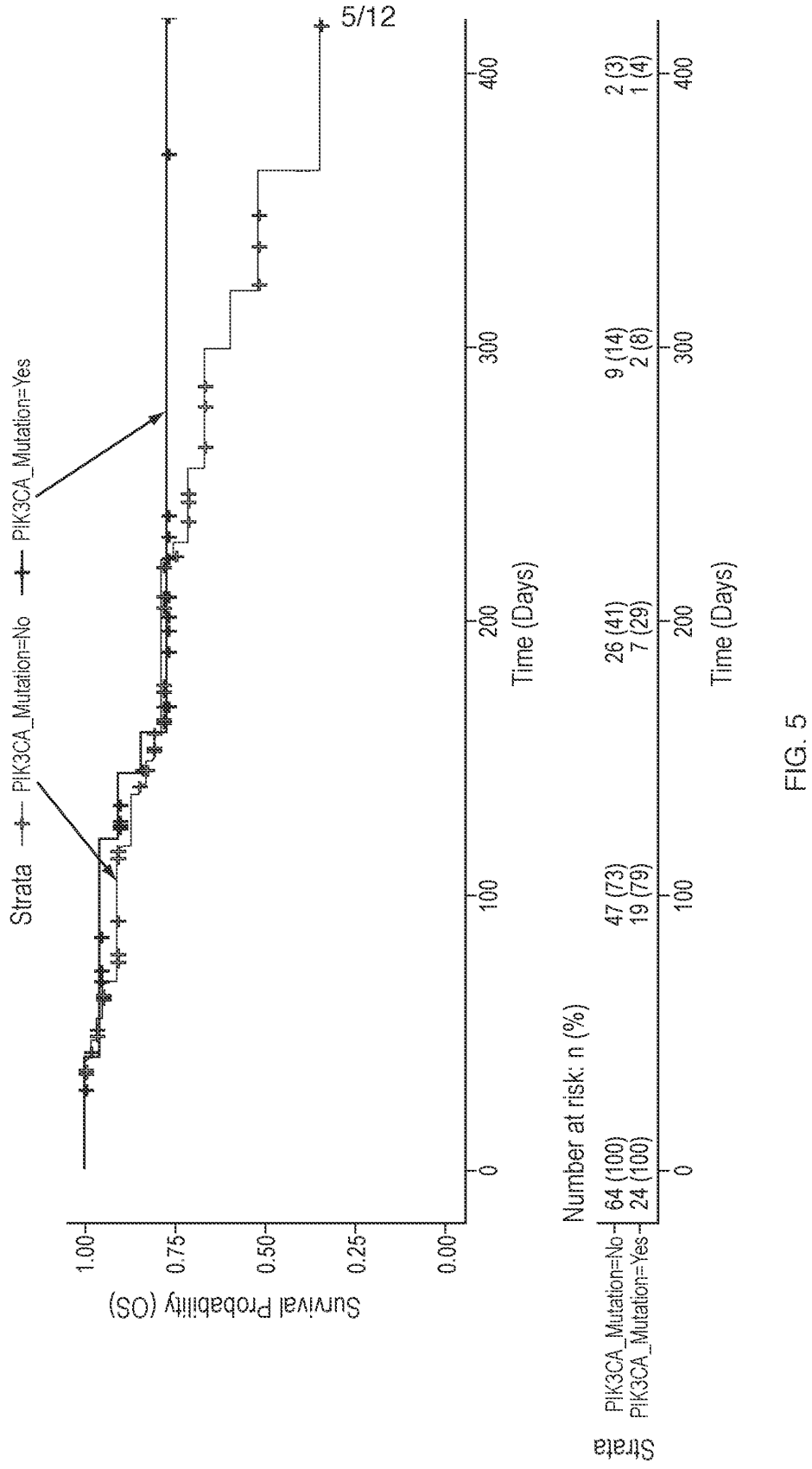

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Strata
PIK3CA_Mutation=No
PIK3CA_Mutation=Yes
Survival Probability (OS)
1.00
0.75
0.50
0.25
0.00
0
100
200
300
400
Time (Days)
Number at risk: n (%)
PIK3CA_Mutation=No
PIK3CA_Mutation=Yes
64 (100)
24 (100)
47 (73)
19 (79)
26 (41)
7 (29)
9 (14)
2 (8)
2 (3)
1 (4)
Strata
0
100
200
300
400
Time (Days)

FIG. 5

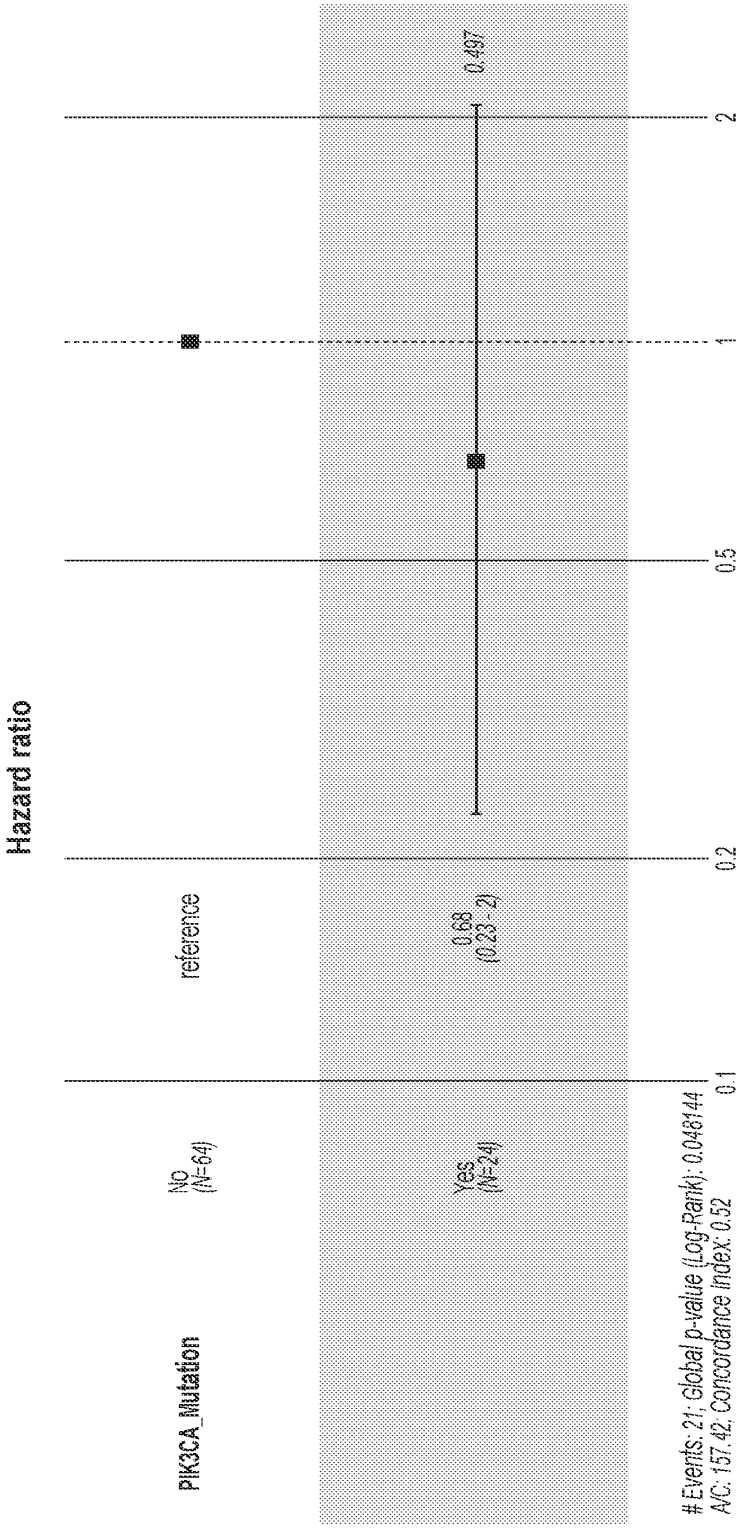

Hazard ratio
0.1
0.2
0.5
1
2
PIK3CA_Mutation
No (N=64)
reference
Yes (N=24)
0.68 (0.23 - 2)
0.497
Events: 21; Global p-value (Log-Rank): 0.048144
AIC: 157.42; Concordance Index: 0.52

FIG. 6

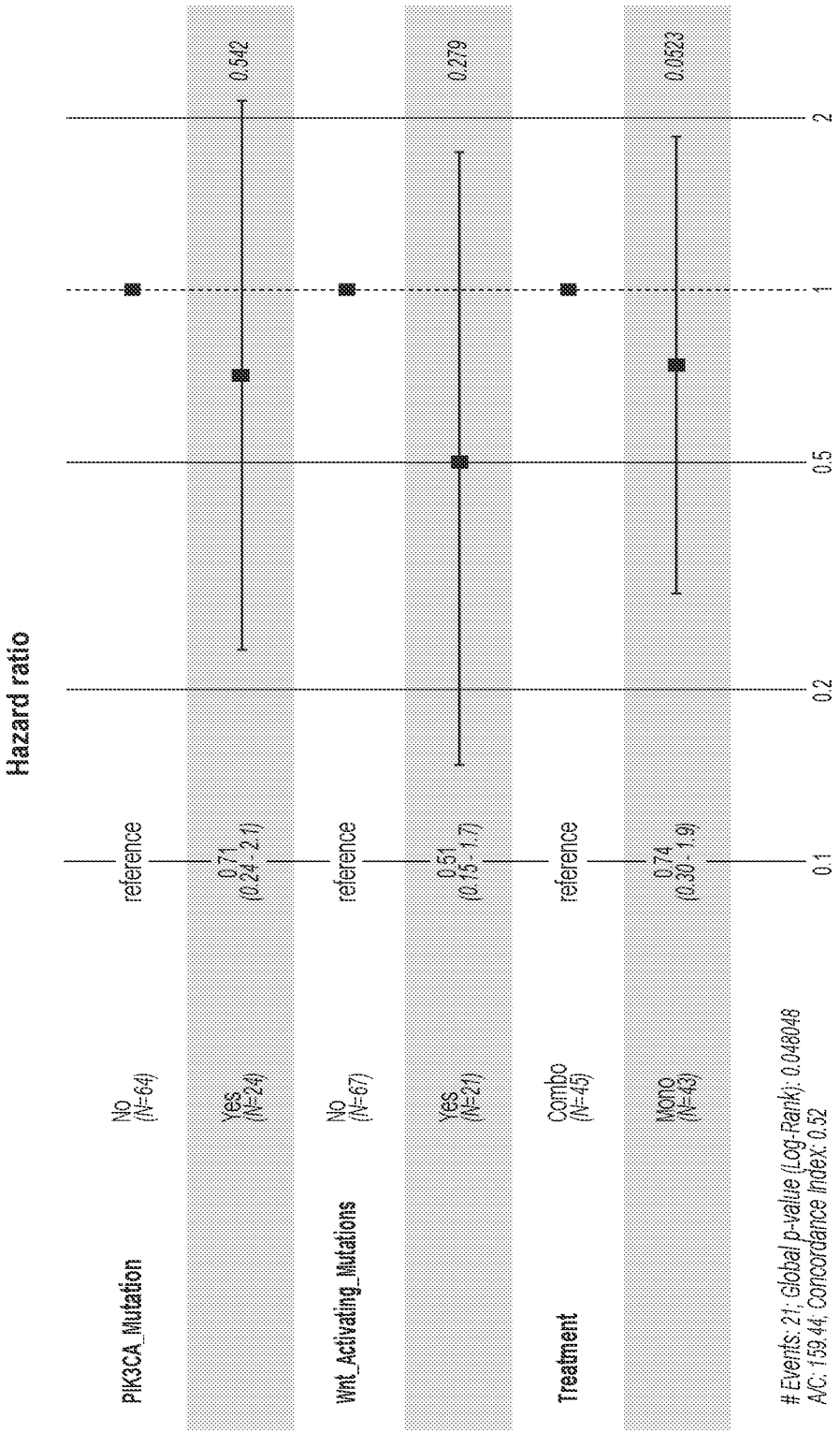

Hazard ratio
0.1
0.2
0.5
1
2
PIK3CA_Mutation
NO (N=64)
reference
Yes (N=24)
0.71 (0.24 - 2.1)
0.542
Wnt_Activating_Mutations
NO (N=67)
reference
Yes (N=21)
0.51 (0.15 - 1.7)
0.279
Treatment
Combo (N=45)
reference
MONO (N=43)
0.74 (0.30 - 1.9)
0.0523
Events: 21; Global p-value (Log-Rank): 0.048048
AIC: 159.44; Concordance Index: 0.52

FIG. 7

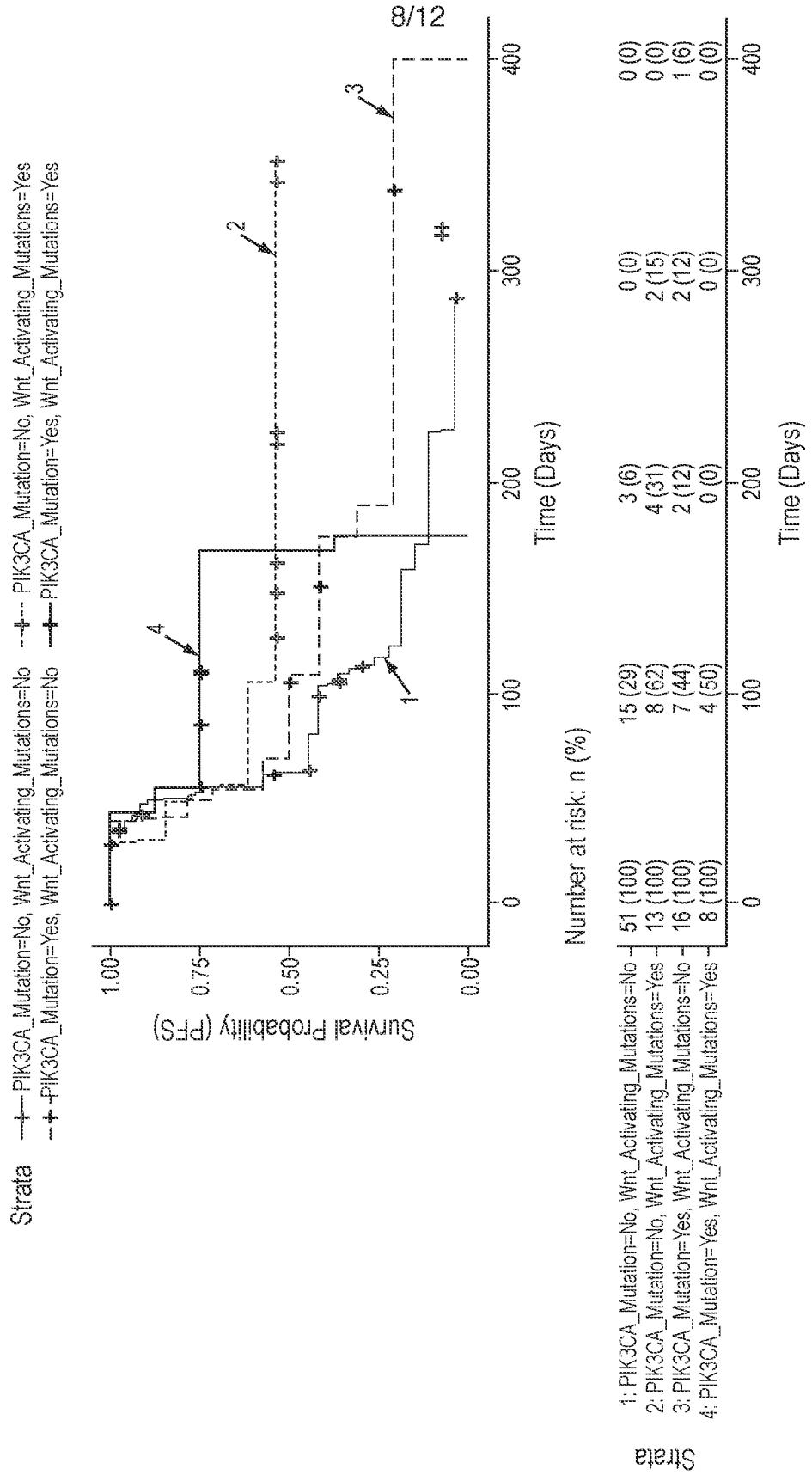

8/12
Strata
PIK3CA_Mutation=No, Wnt_Activating_Mutations=No
PIK3CA_Mutation=Yes, Wnt_Activating_Mutations=No
PIK3CA_Mutation=No, Wnt_Activating_Mutations=Yes
PIK3CA_Mutation=Yes, Wnt_Activating_Mutations=Yes
Survival Probability (PFS)
1.00
0.75
0.50
0.25
0.00
1
2
3
4
0
100
200
300
400
Time (Days)
Number at risk: n (%)
1: PIK3CA_Mutation=No, Wnt_Activating_Mutations=No 51 (100) 15 (29) 3 (6) 0 (0) 0 (0)
2: PIK3CA_Mutation=No, Wnt_Activating_Mutations=Yes 13 (100) 8 (62) 4 (31) 2 (15) 0 (0)
3: PIK3CA_Mutation=Yes, Wnt_Activating_Mutations=No 16 (100) 7 (44) 2 (12) 2 (12) 1 (6)
4: PIK3CA_Mutation=Yes, Wnt_Activating_Mutations=Yes 8 (100) 4 (50) 0 (0) 0 (0) 0 (0)
Strata
0
100
200
300
400
Time (Days)

FIG. 8

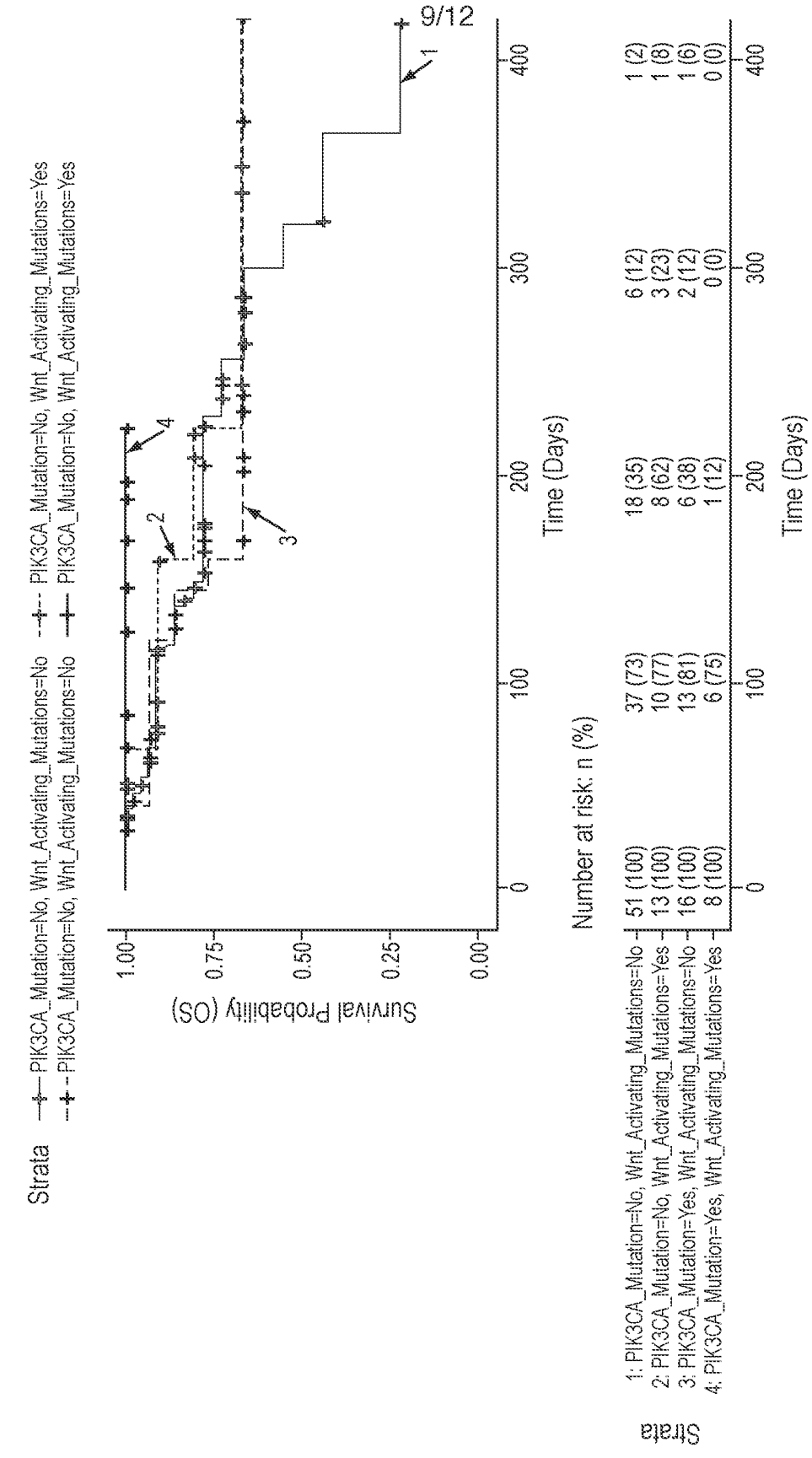

Strata
PIK3CA_Mutation=No, Wnt_Activating_Mutations=No
PIK3CA_Mutation=No, Wnt_Activating_Mutations=Yes
PIK3CA_Mutation=No, Wnt_Activating_Mutations=No
PIK3CA_Mutation=No, Wnt_Activating_Mutations=Yes
Survival Probability (OS)
1.00
0.75
0.50
0.25
0.00
9/12
1
2
3
4
0
100
200
300
400
Time (Days)
Number at risk: n (%)
1: PIK3CA_Mutation=No, Wnt_Activating_Mutations=No 51 (100) 37 (73) 18 (35) 6 (12) 1 (2)
2: PIK3CA_Mutation=No, Wnt_Activating_Mutations=Yes 13 (100) 10 (77) 8 (62) 3 (23) 1 (8)
3: PIK3CA_Mutation=Yes, Wnt_Activating_Mutations=No 16 (100) 13 (81) 6 (38) 2 (12) 1 (6)
4: PIK3CA_Mutation=Yes, Wnt_Activating_Mutations=Yes 8 (100) 6 (75) 1 (12) 0 (0) 0 (0)
Strata
0
100
200
300
400
Time (Days)

FIG. 9

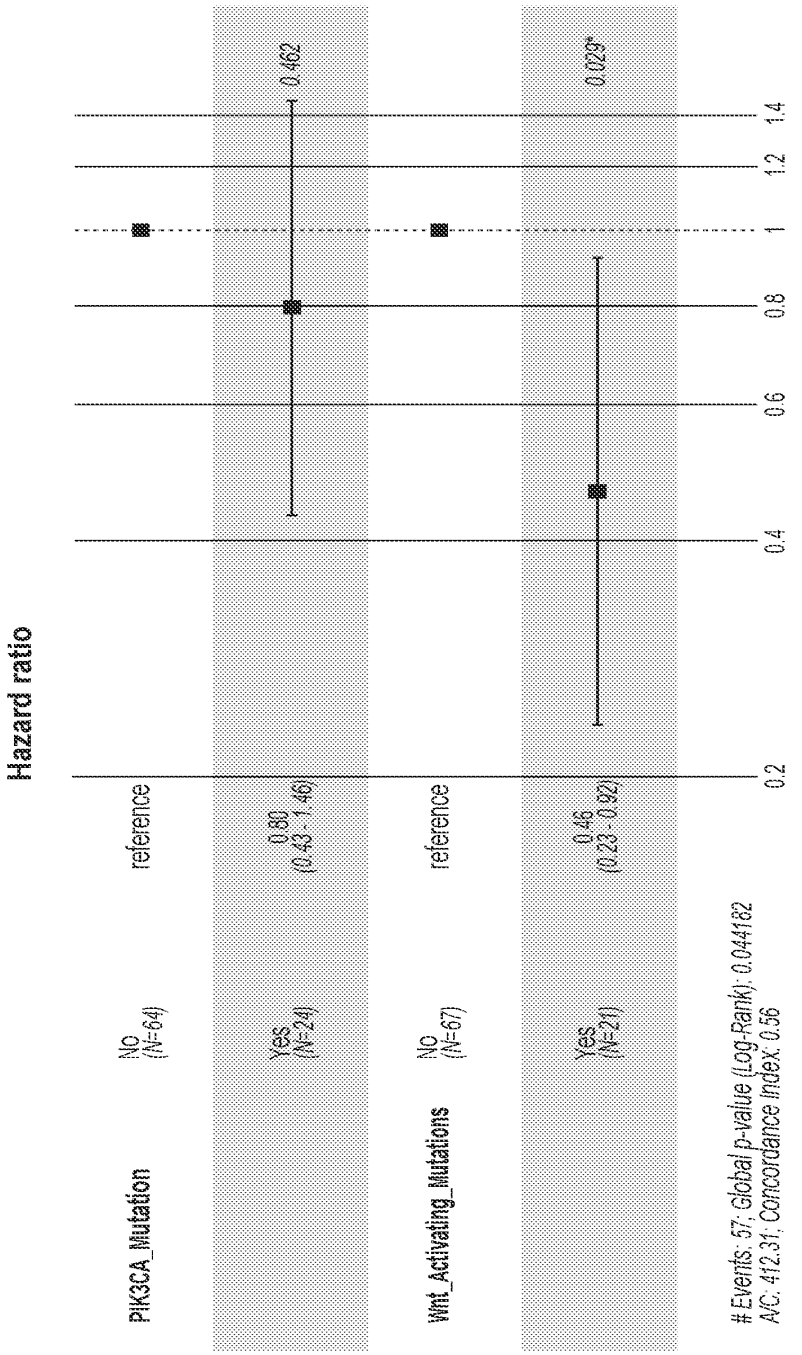

Hazard ratio
0.2
0.4
0.6
0.8
1
1.2
1.4
PIK3CA_Mutation
No (N=64)
reference
Yes (N=24)
0.80 (0.43 - 1.46)
0.462
Wnt_Activating_Mutations
No (N=67)
reference
Yes (N=21)
0.46 (0.23 - 0.92)
0.029*
Events: 57; Global p-value (Log-Rank): 0.044182
AIC: 412.31; Concordance Index: 0.56

FIG. 10

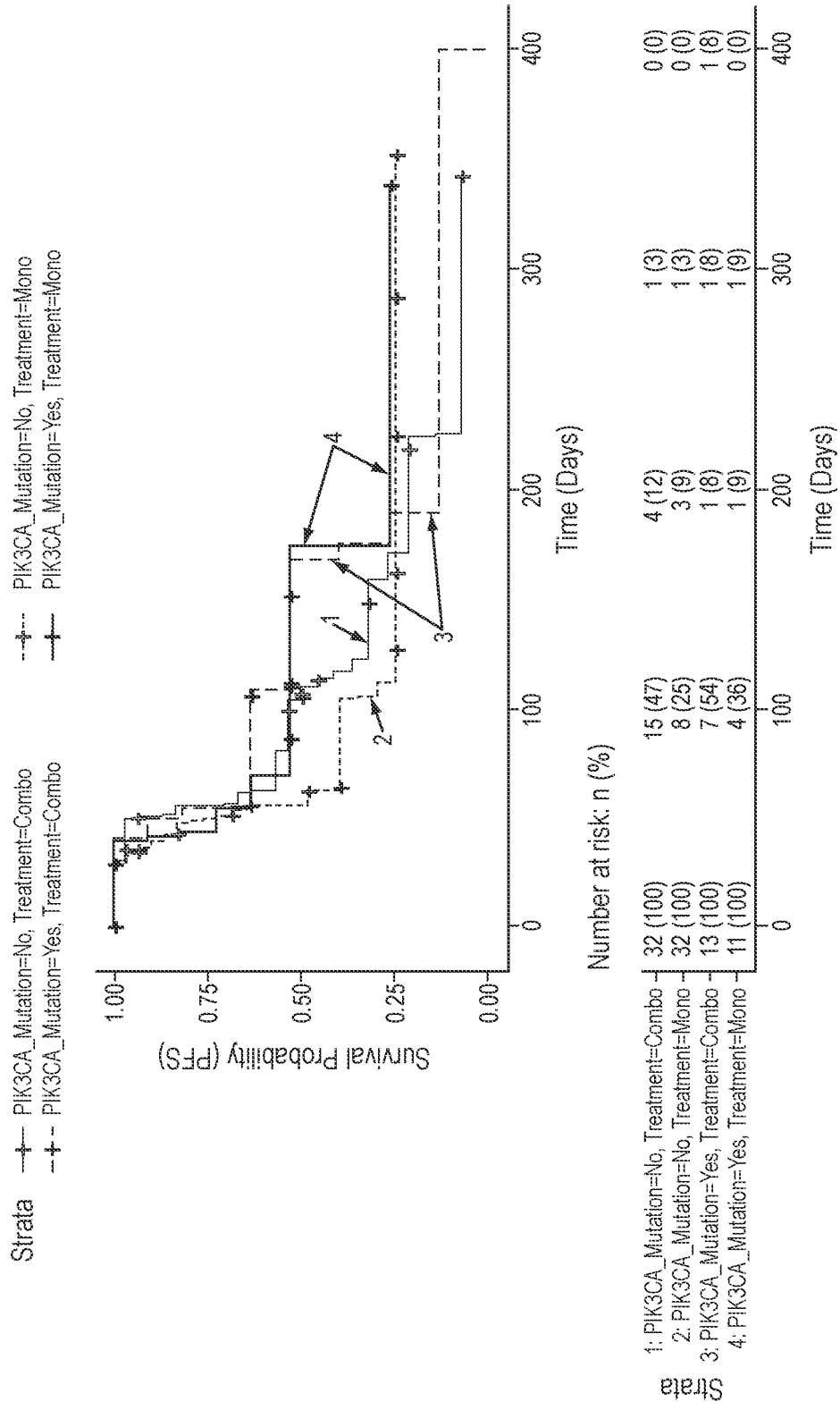

Strata
PIK3CA_Mutation=No, Treatment=Combo
PIK3CA_Mutation=Yes, Treatment=Combo
PIK3CA_Mutation=No, Treatment=Mono
PIK3CA_Mutation=Yes, Treatment=Mono
Survival Probability (PFS)
1.00
0.75
0.50
0.25
0.00
0
100
200
300
400
Time (Days)
1
2
3
4
Number at risk: n (%)
Strata
1: PIK3CA_Mutation=No, Treatment=Combo 32 (100) 15 (47) 4 (12) 1 (3) 0 (0)
2: PIK3CA_Mutation=No, Treatment=Mono 32 (100) 8 (25) 3 (9) 1 (3) 0 (0)
3: PIK3CA_Mutation=Yes, Treatment=Combo 13 (100) 7 (54) 1 (8) 1 (8) 1 (8)
4: PIK3CA_Mutation=Yes, Treatment=Mono 11 (100) 4 (36) 1 (9) 1 (9) 0 (0)
0
100
200
300
400
Time (Days)

FIG. 11

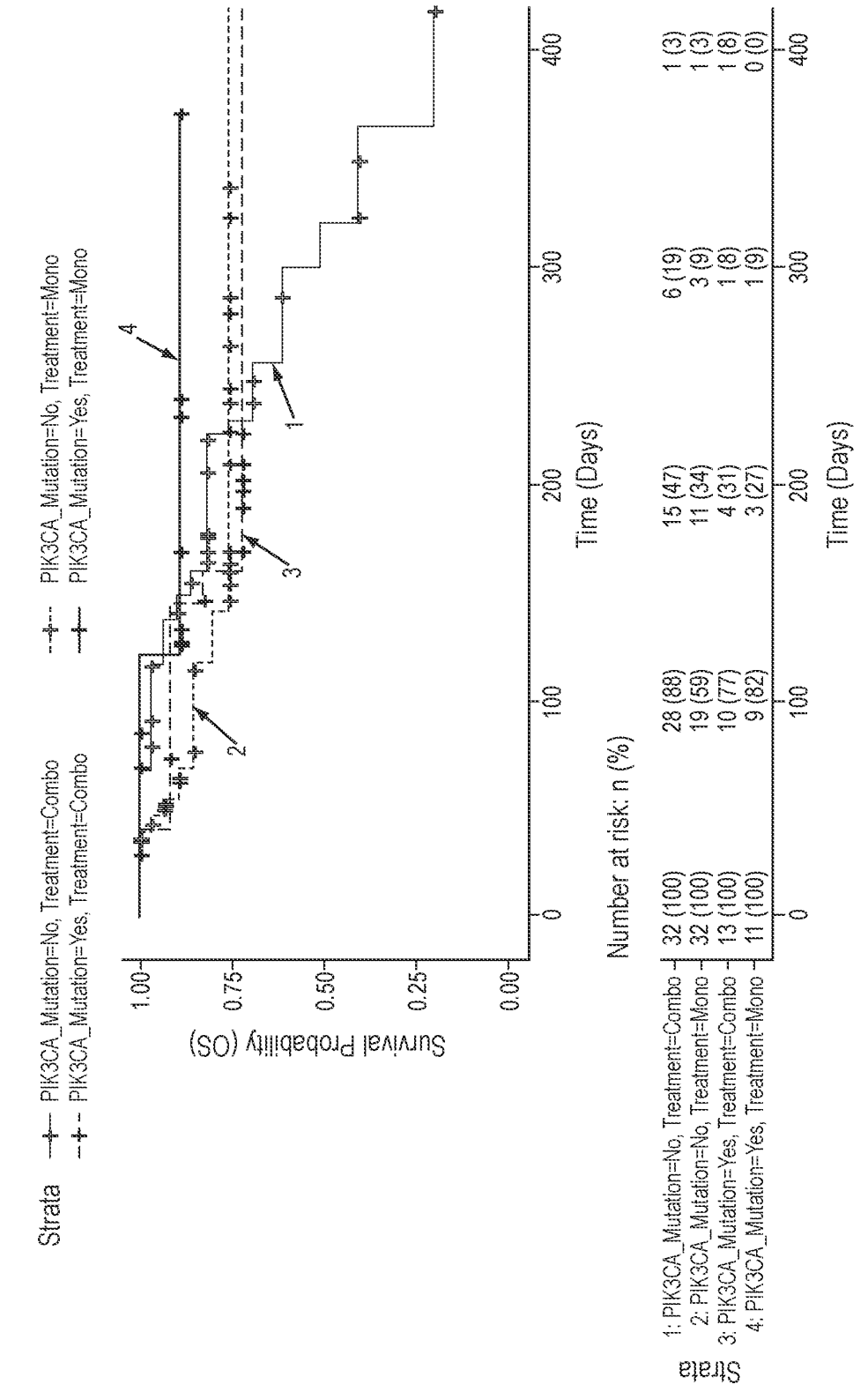

Strata
PIK3CA_Mutation=No, Treatment=Combo
PIK3CA_Mutation=Yes, Treatment=Combo
PIK3CA_Mutation=No, Treatment=Mono
PIK3CA_Mutation=Yes, Treatment=Mono
Survival Probability (OS)
1.00
0.75
0.50
0.25
0.00
0
100
200
300
400
Time (Days)
1
2
3
4
Number at risk: n (%)
Strata
1: PIK3CA_Mutation=No, Treatment=Combo 32 (100) 28 (88) 15 (47) 6 (19) 1 (3)
2: PIK3CA_Mutation=No, Treatment=Mono 32 (100) 19 (59) 11 (34) 3 (9) 1 (3)
3: PIK3CA_Mutation=Yes, Treatment=Combo 13 (100) 10 (77) 4 (31) 1 (8) 1 (8)
4: PIK3CA_Mutation=Yes, Treatment=Mono 11 (100) 9 (82) 3 (27) 1 (9) 0 (0)
0
100
200
300
400
Time (Days)

FIG. 12