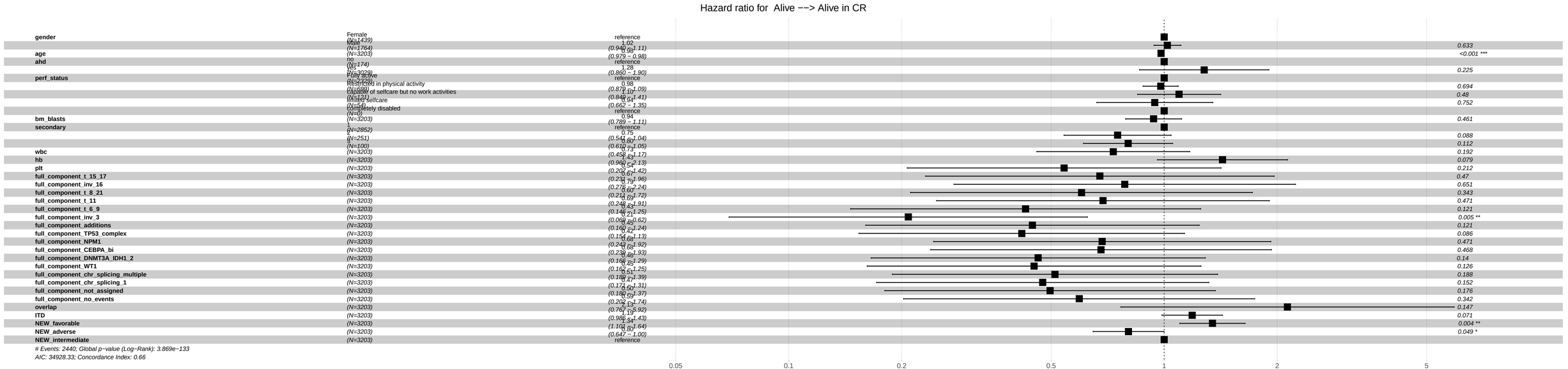
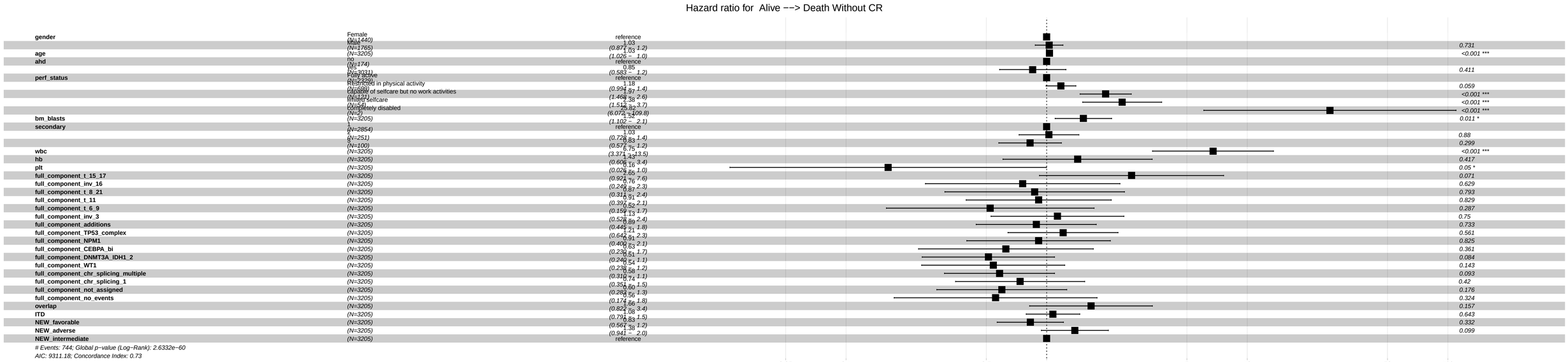
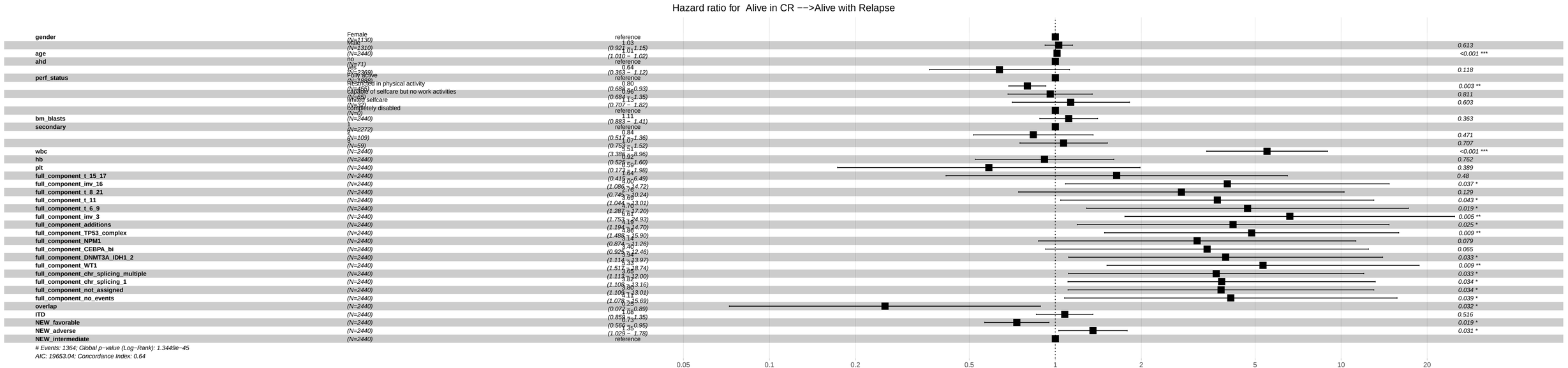

Hazard ratio for Alive −−> Alive in CR
gender
Female (N=1439) reference
Male (N=1764) 1.02 (0.940 − 1.11) 0.633
age (N=3203) 0.98 (0.979 − 0.98) <0.001 ***
ahd
no (N=174) reference
Yes (N=3029) 1.28 (0.860 − 1.90) 0.225
perf_status
Fully active reference
Restricted in physical activity (N=2699) 0.98 (0.879 − 1.09) 0.694
Capable of selfcare but no work activities (N=121) 1.10 (0.849 − 1.41) 0.48
Limited selfcare (N=54) 0.94 (0.662 − 1.35) 0.752
Completely disabled (N=5) reference
bm_blasts (N=3203) 0.94 (0.789 − 1.11) 0.461
secondary
1 (N=2852) reference
2 (N=251) 0.75 (0.541 − 1.04) 0.088
3 (N=100) 0.80 (0.610 − 1.05) 0.112
wbc (N=3203) 0.73 (0.458 − 1.17) 0.192
hb (N=3203) 1.43 (0.960 − 2.13) 0.079
plt (N=3203) 0.84 (0.202 − 1.42) 0.212
full_component_t_15_17 (N=3203) 0.67 (0.231 − 1.96) 0.47
full_component_inv_16 (N=3203) 1.75 (0.276 − 2.24) 0.651
full_component_t_8_21 (N=3203) 0.60 (0.211 − 1.72) 0.343
full_component_t_11 (N=3203) 0.69 (0.246 − 1.91) 0.471
full_component_t_6_9 (N=3203) 0.71 (0.146 − 1.25) 0.121
full_component_inv_3 (N=3203) 0.19 (0.069 − 0.62) 0.005 **
full_component_additions (N=3203) 0.45 (0.160 − 1.24) 0.121
full_component_TP53_complex (N=3203) 0.42 (0.154 − 1.13) 0.086
full_component_NPM1 (N=3203) 0.68 (0.240 − 1.92) 0.471
full_component_CEBPA_bi (N=3203) 0.68 (0.239 − 1.93) 0.468
full_component_DNMT3A_IDH1_2 (N=3203) 0.46 (0.161 − 1.29) 0.14
full_component_WT1 (N=3203) 0.45 (0.162 − 1.25) 0.126
full_component_chr_splicing_multiple (N=3203) 0.51 (0.180 − 1.39) 0.188
full_component_chr_splicing_1 (N=3203) 0.41 (0.171 − 1.31) 0.152
full_component_not_assigned (N=3203) 0.50 (0.180 − 1.37) 0.176
full_component_no_events (N=3203) 0.59 (0.202 − 1.74) 0.342
overlap (N=3203) 2.15 (0.767 − 5.92) 0.147
ITD (N=3203) 1.19 (0.986 − 1.43) 0.071
NEW_favorable (N=3203) 1.34 (1.101 − 1.64) 0.004 **
NEW_adverse (N=3203) 0.80 (0.647 − 1.00) 0.049 *
NEW_intermediate (N=3203) reference
Events: 2440; Global p−value (Log−Rank): 3.869e−133
AIC: 34928.33; Concordance Index: 0.66
0.05
0.1
0.2
0.5
1
2
5


Hazard ratio for Alive −−> Death Without CR
gender
Female (N=1440) reference
Male (N=1765) 1.03 (0.877 − 1.2) 0.731
age (N=3205) 1.03 (1.026 − 1.0) <0.001 ***
ahd
no (N=174) reference
yes (N=3031) 0.85 (0.583 − 1.2) 0.411
perf_status
Fully active (N=2329) reference
Restricted in physical activity (N=686) 1.18 (0.994 − 1.4) 0.059
Capable of selfcare but no work activities (N=121) 1.97 (1.468 − 2.6) <0.001 ***
limited selfcare (N=54) 2.38 (1.512 − 3.7) <0.001 ***
completely disabled (N=2) 25.82 (6.072 − 109.8) <0.001 ***
bm_blasts (N=3205) 1.52 (1.102 − 2.1) 0.011 *
secondary
1 (N=2854) reference
2 (N=251) 1.03 (0.728 − 1.4) 0.88
3 (N=100) 0.83 (0.577 − 1.2) 0.299
wbc (N=3205) 6.75 (3.371 − 13.5) <0.001 ***
hb (N=3205) 1.43 (0.606 − 3.4) 0.417
plt (N=3205) 0.16 (0.026 − 1.0) 0.05 *
full_component_t_15_17 (N=3205) 2.65 (0.921 − 7.6) 0.071
full_component_inv_16 (N=3205) 0.76 (0.249 − 2.3) 0.629
full_component_t_8_21 (N=3205) 0.87 (0.311 − 2.4) 0.793
full_component_t_11 (N=3205) 0.91 (0.397 − 2.1) 0.829
full_component_t_6_9 (N=3205) 0.52 (0.159 − 1.7) 0.287
full_component_inv_3 (N=3205) 1.13 (0.528 − 2.4) 0.75
full_component_additions (N=3205) 0.89 (0.445 − 1.8) 0.733
full_component_TP53_complex (N=3205) 1.21 (0.642 − 2.3) 0.561
full_component_NPM1 (N=3205) 0.91 (0.400 − 2.1) 0.825
full_component_CEBPA_bi (N=3205) 0.63 (0.230 − 1.7) 0.361
full_component_DNMT3A_IDH1_2 (N=3205) 0.51 (0.240 − 1.1) 0.084
full_component_WT1 (N=3205) 0.54 (0.238 − 1.2) 0.143
full_component_chr_splicing_multiple (N=3205) 0.58 (0.310 − 1.1) 0.093
full_component_chr_splicing_1 (N=3205) 0.74 (0.351 − 1.5) 0.42
full_component_not_assigned (N=3205) 0.60 (0.282 − 1.3) 0.176
full_component_no_events (N=3205) 0.56 (0.174 − 1.8) 0.324
overlap (N=3205) 1.66 (0.822 − 3.4) 0.157
ITD (N=3205) 1.08 (0.791 − 1.5) 0.643
NEW_favorable (N=3205) 0.83 (0.567 − 1.2) 0.332
NEW_adverse (N=3205) 1.38 (0.941 − 2.0) 0.099
NEW_intermediate (N=3205) reference
Events: 744; Global p−value (Log−Rank): 2.6332e−60
AIC: 9311.18; Concordance Index: 0.73
0.05
0.1
0.5
1
5
10
50
100

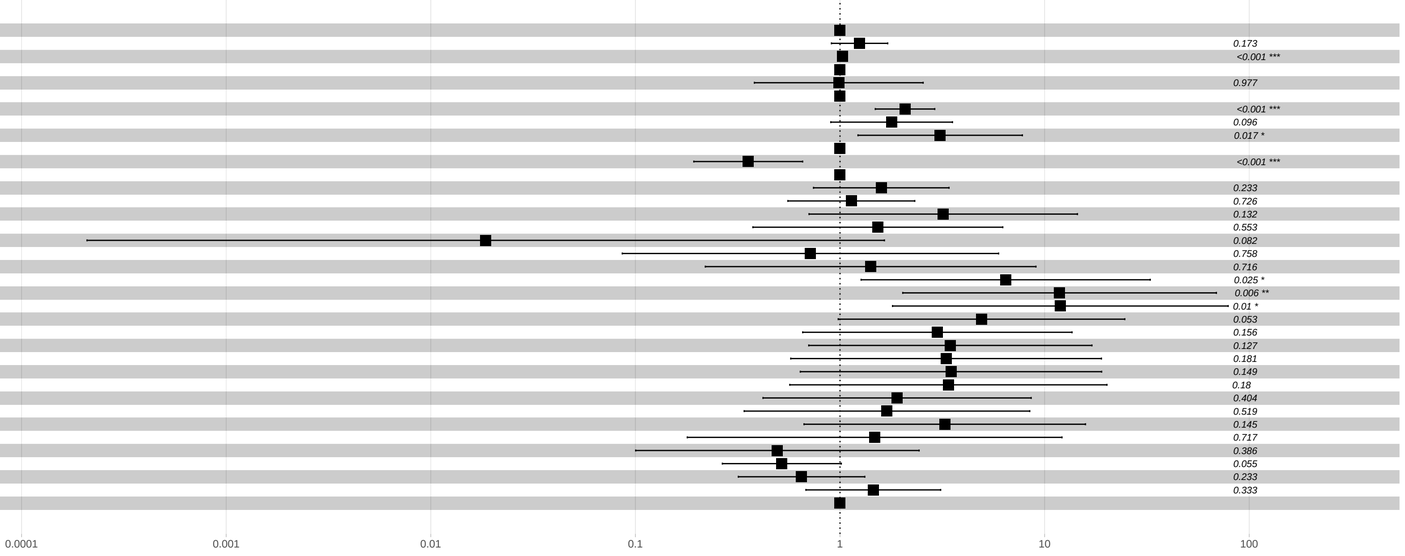

Hazard ratio for Alive in CR −−>Alive with Relapse
gender
Female (N=1130) reference
Male (N=1310) 1.03 (0.921 − 1.15) 0.613
age (N=2440) 1.01 (1.010 − 1.02) <0.001 ***
ahd
no (N=71) reference
yes (N=2369) 0.64 (0.363 − 1.12) 0.118
perf_status
Fully active (N=1888) reference
Restricted in physical activity (N=455) 0.80 (0.688 − 0.93) 0.003 **
capable of selfcare but no work activities (N=65) 0.96 (0.684 − 1.35) 0.811
limited selfcare (N=32) 1.13 (0.707 − 1.82) 0.603
completely disabled (N=0) reference
bm_blasts (N=2440) 1.11 (0.883 − 1.41) 0.363
secondary
1 (N=2272) reference
2 (N=109) 0.84 (0.517 − 1.36) 0.471
3 (N=59) 1.07 (0.753 − 1.52) 0.707
wbc (N=2440) 5.51 (3.386 − 8.96) <0.001 ***
hb (N=2440) 0.92 (0.525 − 1.60) 0.762
plt (N=2440) 0.59 (0.173 − 1.98) 0.389
full_component_t_15_17 (N=2440) 1.64 (0.415 − 6.49) 0.48
full_component_inv_16 (N=2440) 4.00 (1.086 − 14.72) 0.037 *
full_component_t_8_21 (N=2440) 2.70 (0.745 − 10.24) 0.129
full_component_t_11 (N=2440) 3.69 (1.044 − 13.01) 0.043 *
full_component_t_6_9 (N=2440) 4.70 (1.287 − 17.20) 0.019 *
full_component_inv_3 (N=2440) 6.61 (1.753 − 24.93) 0.005 **
full_component_additions (N=2440) 4.19 (1.194 − 14.70) 0.025 *
full_component_TP53_complex (N=2440) 4.86 (1.488 − 15.90) 0.009 **
full_component_NPM1 (N=2440) 3.14 (0.874 − 11.26) 0.079
full_component_CEBPA_bi (N=2440) 3.40 (0.925 − 12.46) 0.065
full_component_DNMT3A_IDH1_2 (N=2440) 3.94 (1.114 − 13.97) 0.033 *
full_component_WT1 (N=2440) 5.33 (1.517 − 18.74) 0.009 **
full_component_chr_splicing_multiple (N=2440) 3.65 (1.113 − 12.00) 0.033 *
full_component_chr_splicing_1 (N=2440) 3.82 (1.108 − 13.16) 0.034 *
full_component_not_assigned (N=2440) 3.80 (1.109 − 13.01) 0.034 *
full_component_no_events (N=2440) 4.11 (1.078 − 15.69) 0.039 *
overlap (N=2440) 0.25 (0.072 − 0.89) 0.032 *
ITD (N=2440) 1.08 (0.858 − 1.35) 0.516
NEW_favorable (N=2440) 0.73 (0.566 − 0.95) 0.019 *
NEW_adverse (N=2440) 1.35 (1.029 − 1.78) 0.031 *
NEW_intermediate (N=2440) reference
Events: 1364; Global p−value (Log−Rank): 1.3449e−45
AIC: 19653.04; Concordance Index: 0.64
0.05
0.1
0.2
0.5
1
2
5
10
20

Hazard ratio for Alive in CR −−> Death in CR

gender	Female (N=1130)	reference	
	Male (N=1310)	1.246 (0.90812 − 1.71)	0.173
age	(N=2440)	1.031 (1.01768 − 1.04)	<0.001 ***
ahd	no (N=71)	reference	
	yes (N=2369)	0.986 (0.38167 − 2.55)	0.977
perf_status	Fully active (N=1888)	reference	
	Restricted in physical activity (N=456)	2.079 (1.48797 − 2.90)	<0.001 ***
	capable of selfcare but no work activities (N=65)	1.788 (0.90196 − 3.54)	0.096
	limited selfcare (N=32)	3.088 (1.22480 − 7.78)	0.017 *
	Completely disabled (N=0)	reference	
bm_blasts	(N=2440)	0.356 (0.19309 − 0.66)	<0.001 ***
secondary	1 (N=2272)	reference	
	7 (N=109)	1.591 (0.74226 − 3.41)	0.233
	9 (N=59)	1.136 (0.55646 − 2.32)	0.726
wbc	(N=2440)	3.196 (0.70594 − 14.47)	0.132
hb	(N=2440)	1.531 (0.37535 − 6.24)	0.553
plt	(N=2440)	0.019 (0.00021 − 1.65)	0.082
full_component_inv_16	(N=2440)	0.717 (0.08629 − 5.96)	0.758
full_component_t_8_21	(N=2440)	1.412 (0.21973 − 9.07)	0.716
full_component_t_11	(N=2440)	6.452 (1.26852 − 32.81)	0.025 *
full_component_t_6_9	(N=2440)	11.834 (2.02659 − 69.10)	0.006 **
full_component_inv_3	(N=2440)	11.937 (1.80641 − 78.88)	0.01 *
full_component_additions	(N=2440)	4.916 (0.98042 − 24.65)	0.053
full_component_TP53_complex	(N=2440)	2.991 (0.65743 − 13.61)	0.156
full_component_NPM1	(N=2440)	3.461 (0.70386 − 17.02)	0.127
full_component_CEBPA_bi	(N=2440)	3.300 (0.57473 − 18.95)	0.181
full_component_DNMT3A_IDH1_2	(N=2440)	3.486 (0.63930 − 18.99)	0.149
full_component_WT1	(N=2440)	3.385 (0.56842 − 20.16)	0.18
full_component_chr_splicing_multiple	(N=2440)	1.901 (0.42046 − 8.59)	0.404
full_component_chr_splicing_1	(N=2440)	1.696 (0.34024 − 8.46)	0.519
full_component_not_assigned	(N=2440)	3.251 (0.66717 − 15.84)	0.145
full_component_no_events	(N=2440)	1.476 (0.17934 − 12.15)	0.717
overlap	(N=2440)	0.494 (0.10033 − 2.43)	0.386
ITD	(N=2440)	0.520 (0.26614 − 1.01)	0.055
NEW_favorable	(N=2440)	0.649 (0.31861 − 1.32)	0.233
NEW_adverse	(N=2440)	1.454 (0.68161 − 3.10)	0.333
NEW_intermediate	(N=2440)	reference	

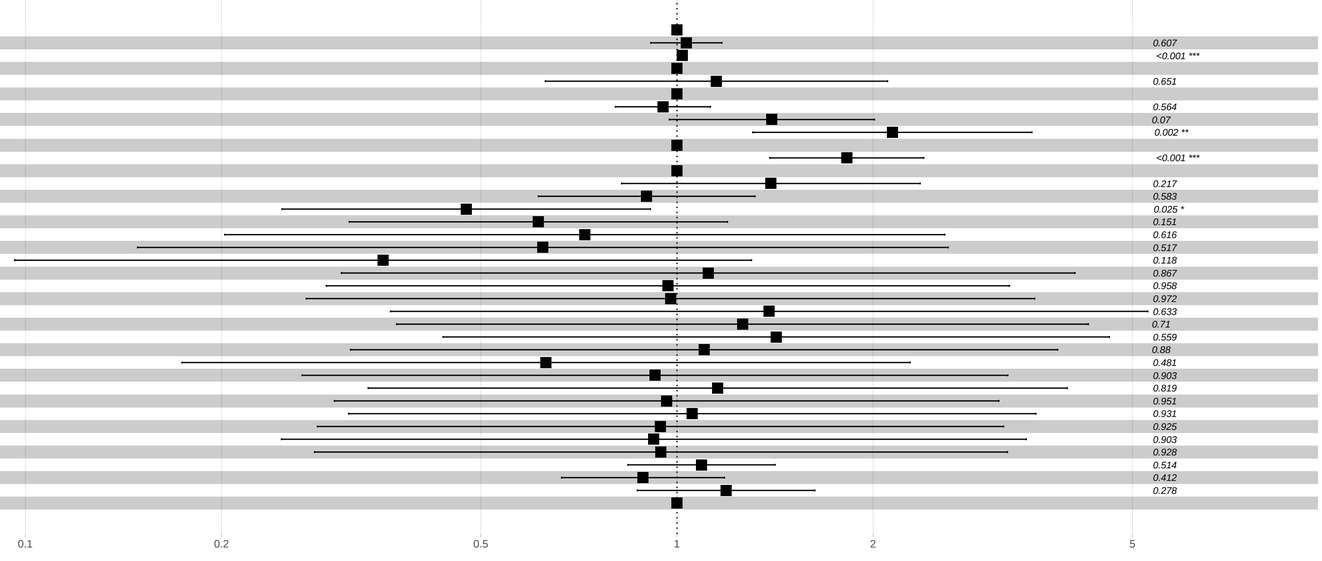
 # Events: 182; Global p−value (Log−Rank): 3.1055e−23

AIC: 2525.09; Concordance Index: 0.76



Hazard ratio for Alive with Relapse −−> Death With Relapse

gender	Female (N=610)	reference	
	Male (N=754)	1.03 (0.912 − 1.17)	0.607
age	(N=1364)	1.02 (1.014 − 1.02)	<0.001 ***
ahd	no (N=44)	reference	
	yes (N=1320)	1.15 (0.628 − 2.10)	0.651
perf_status	Fully active (N=1082)	reference	
	Restricted in physical activity (N=227)	0.95 (0.805 − 1.13)	0.564
	capable of selfcare but no work activities (N=37)	1.40 (0.972 − 2.01)	0.07
	limited selfcare (N=18)	2.14 (1.307 − 3.50)	0.002 **
	completely disabled (N=0)	reference	
bm_blasts	(N=1364)	1.82 (1.388 − 2.39)	<0.001 ***
secondary	1 (N=1266)	reference	
	2 (N=62)	1.39 (0.822 − 2.36)	0.217
	5 (N=36)	0.90 (0.613 − 1.32)	0.583
wbc	(N=1364)	0.47 (0.248 − 0.91)	0.025 *
hb	(N=1364)	0.61 (0.314 − 1.20)	0.151
plt	(N=1364)	1.72 (0.202 − 2.58)	0.616
full_component_t_15_17	(N=1364)	0.62 (0.149 − 2.61)	0.517
full_component_inv_16	(N=1364)	0.35 (0.096 − 1.30)	0.118
full_component_t_8_21	(N=1364)	1.12 (0.306 − 4.08)	0.867
full_component_t_11	(N=1364)	0.97 (0.290 − 3.24)	0.958
full_component_t_6_9	(N=1364)	0.98 (0.270 − 3.54)	0.972
full_component_inv_3	(N=1364)	1.38 (0.363 − 5.28)	0.633
full_component_additions	(N=1364)	1.26 (0.371 − 4.28)	0.71
full_component_TP53_complex	(N=1364)	1.42 (0.438 − 4.61)	0.559
full_component_NPM1	(N=1364)	1.10 (0.316 − 3.84)	0.88
full_component_CEBPA_bi	(N=1364)	0.63 (0.174 − 2.28)	0.481
full_component_DNMT3A_IDH1_2	(N=1364)	0.93 (0.266 − 3.22)	0.903
full_component_WT1	(N=1364)	1.15 (0.336 − 3.97)	0.819
full_component_chr_splicing_multiple	(N=1364)	0.96 (0.298 − 3.12)	0.951
full_component_chr_splicing_1	(N=1364)	1.06 (0.313 − 3.55)	0.931
full_component_not_assigned	(N=1364)	0.94 (0.281 − 3.17)	0.925
full_component_no_events	(N=1364)	0.92 (0.247 − 3.44)	0.903
overlap	(N=1364)	0.95 (0.278 − 3.21)	0.928
ITD	(N=1364)	1.09 (0.841 − 1.41)	0.514
NEW_favorable	(N=1364)	0.89 (0.665 − 1.18)	0.412
NEW_adverse	(N=1364)	1.19 (0.869 − 1.63)	0.278
NEW_intermediate	(N=1364)	reference	

 # Events: 1081; Global p−value (Log−Rank): 2.515e−33

AIC: 11943.39; Concordance Index: 0.63