Supplemental Table S4. Multivariate analysis for CC clusters.

Variable	Univariate OS (N=340)			Multivariate OS (N=340)			Univariate CRD (N=223)			Multivariate CRD (N=223)		
	HR[1]	95% CI[1]	p-value	HR[1]	95% CI[1]	p-value	HR[1]	95% CI[1]	p-value	HR[1]	95% CI[1]	p-value
Cluster												
C1	1.00	—		1.00	—		1.00	—		1.00	—	
C2	1.33	0.94, 1.88	0.11	0.68	0.46, 1.00	**0.048**	0.80	0.45, 1.42	0.44	0.40	0.20, 0.80	**0.009**
C3	1.58	1.13, 2.21	**0.008**	0.96	0.67, 1.37	0.82	1.44	0.87, 2.38	0.15	1.09	0.60, 1.96	0.78
C4	2.37	1.60, 3.53	**<0.001**	1.68	1.10, 2.57	**0.016**	1.69	0.88, 3.22	0.11	0.95	0.45, 2.01	0.90
Age (years)	1.04	1.03, 1.05	**<0.001**	1.03	1.02, 1.04	**<0.001**	1.04	1.02, 1.05	**<0.001**	1.03	1.01, 1.05	**0.005**
Males	1.10	0.85, 1.43	0.48				1.53	1.00, 2.34	**0.048**	1.38	0.88, 2.19	0.16
White (race)	1.52	1.10, 2.09	**0.011**				1.02	0.65, 1.60	0.93			
Asian (race)	0.40	0.18, 0.90	**0.027**				1.15	0.50, 2.63	0.74			
Black (race)	1.16	0.69, 1.95	0.58				2.08	1.08, 4.02	**0.028**	2.53	1.20, 5.36	**0.015**
2nd AML	3.01	2.31, 3.93	**<0.001**	2.13	1.57, 2.87	**<0.001**	2.26	1.47, 3.47	**<0.001**	1.72	1.02, 2.91	**0.043**
Unfav. Cyto. Risk	2.25	1.71, 2.95	**<0.001**				1.38	0.87, 2.19	0.17			
Complex Kar.	2.40	1.80, 3.20	**<0.001**	2.12	1.55, 2.89	**<0.001**	1.95	1.20, 3.15	**0.007**	2.52	1.36, 4.67	**0.003**
-5/5q-	2.94	2.01, 4.30	**<0.001**				2.55	1.23, 5.30	**0.012**	0.76	0.28, 2.03	0.58
-7/7q-	2.37	1.68, 3.33	**<0.001**	1.44	1.00, 2.06	**0.049**	1.67	0.81, 3.46	0.17			
t(8;21)	0.48	0.25, 0.93	**0.031**	0.50	0.25, 1.00	**0.050**	0.89	0.43, 1.83	0.75			
Inv 16	0.17	0.06, 0.47	**<0.001**	0.22	0.08, 0.60	**0.003**	0.31	0.11, 0.85	**0.023**	0.26	0.08, 0.84	**0.024**
Del 12	5.55	2.44, 12.7	**<0.001**									
CEBPA Mut.	0.62	0.39, 0.98	**0.043**				0.73	0.38, 1.43	0.36			
FLT3 Mut.	0.54	0.37, 0.78	**0.001**				0.55	0.32, 0.95	**0.033**	0.66	0.36, 1.23	0.19
MLL Mut.	2.01	1.17, 3.45	**0.012**				2.61	1.01, 6.72	**0.047**			
NPM1 Mut.	0.56	0.38, 0.83	**0.004**				0.59	0.34, 1.02	0.061			
PTPN11 Mut.	1.80	1.15, 2.79	**0.009**				1.76	0.87, 3.56	0.11			
RUNX1 Mut.	1.27	0.81, 1.99	0.29				2.65	1.34, 5.26	**0.005**			
SRSF2 Mut.	1.57	0.55, 4.47	0.40				49.6	4.38, 560	**0.002**			
TP53 Mut.	3.55	2.49, 5.06	**<0.001**				2.34	1.21, 4.55	**0.012**			

[1] HR = Hazard Ratio, CI = Confidence Interval