Supplementary Table 1. Univariate analysis for relapse, OS and CRFS

Patient and Graft Characteristics	Relapse HR (95%CI)	P value	OS HR (95%CI)	P value	CRFS HR (95%CI)	P value
Sex		0.11				
Male	Ref.		Ref.	0.63	Ref.	1.00
Female	0.7 (0.4-1.1)		1.1 (0.8-1.5)		1 (0.7-1.4)	
D/R gender combination						
Female to Male	Ref.	0.85	Ref.	0.14	Ref.	0.15
Other	1.1 (0.6-1.9)		1.4 (0.9-2.2)		1.4 (0.9-2.1)	
Age (years)						
< 40 (n =)	Ref.	0.87	Ref.	0.09	Ref.	0.16
≥40 (n =)	1 (0.5-1.7)		1.5 (0.9-2.4)		1.4 (0.9-2.1)	
Donor						
Related donor	Ref.	0.37	Ref.	0.33	Ref.	0.32
Non-related donor	0.8 (0.5-1.3)		1.2 (0.9-1.6)		1.2 (0.9-1.6)	
HLA compatibility						
Identical	Ref.	0.39	Ref.	0.24	Ref.	0.34
Non-identical	0.8 (0.5-1.4)		1.2 (0.9-1.7)		1.2 (0.8-1.6)	
Diagnosis						
Acute myeloid leukemia	Ref.	0.19	Ref.	0.96	Ref.	0.68
Myelodisplastic syndrome	0.7 (0.4-1.2)		1 (0.7-1.4)		0.9 (0.7-1.3)	
Transplant year						
	Ref.	0.03	Ref.	0.85	Ref.	0.92
	1.1 (1-1.2)		1 (1-1.1)		1.0 (1-1.1)	
HCT-CI						
0	Ref.	0.26	Ref.	< 0.001	Ref.	0.001
1-2	0.6 (0.3-1.2)		1 (0.6-1.6)		0.8 (0.5-1.3)	
≥3	1 (0.6-1.6)		1.9 (1.3-2.9)		1.5 (1-2.3)	
HCT-CI/age						
0	Ref.	0.90	Ref.	< 0.001	Ref.	0.001
1-2	1 (0.3-2.8)		2.1 (0.6-6.6)		1.1 (0.5-2.5)	
3-4	0.9 (0.3-2.7)		3.2 (1-10.1)		1.6 (0.7-3.6)	
≥5	1.2 (0.4-3.4)		5 (1.6-16.1)		2.3 (1-5.2)	
Conditioning regimen						
TBI based	Ref.	0.56	Ref.	0.20	Ref.	0.23
Chemo based	0.9 (0.5-1.4)		1.3 (0.9-1.8)		1.2 (0.9-1.7)	
CD34+ x 10^6/kg dose						
< 7.6×10^6/kg	Ref.	0.84	Ref.	0.60	Ref.	0.52
≥ 7.6×10^6/kg	1.2 (0.7-1.8)		0.9 (0.7-1.3)		0.9 (0.7-1.3)	

CD34+ selection method						
Clinimacs ®	Ref.	0.10	Ref.	0.90	Ref.	0.80
OTHER	0.7 (0.4-1.1)		1 (0.7-1.4)		1 (0.7-1.3)	

Abbreviations: NRM, non-relapse mortality; OS, overall survival, CRFS Chronic GVHD-Free, Relapse-Free Survival; D/R, donor/recipient; HCT-CI, Hematopoietic Cell Transplantation Comorbidity Index.