

Supplemental Table. Multinomial logistic regression treating steroid sensitive aGVHD as the reference state

Factors	N	OR of Dependent aGVHD (95% CI)	P	OR of Resistant aGVHD (95% CI)	P	Overall P
Gender						0.86
Male	242	1.0 (reference)		1.0 (reference)		
Female	143	0.9 (0.5-1.6)		1.0 (0.6-1.7)		
Age						0.05
<18	67	1.0 (reference)		1.0 (reference)		
18-60	228	3.9 (1.4-11.3)	0.02	1.4 (0.6-3.2)	0.57	
61+	48	1.4 (0.6-3.2)	0.13	2.1 (0.7-6.0)	0.32	
Donor Type						0.05
Matched Sibling	112	1.0 (reference)		1.0 (reference)		
Haploidentical	10	1.8 (0.3-11.1)	0.50	1.3 (0.2-7.2)	0.74	
URD	60	1.1 (0.4-3.2)	0.83	3.0 (1.2-7.4)	0.02	
s/dUCB	203	0.8 (0.4-1.5)	0.74	0.8 (0.5-1.5)	0.55	
HCT-CI						0.27
Low Risk (0)	192	1.0 (reference)		1.0 (reference)		
Intermediate Risk (1-2)	95	0.8 (0.4-1.5)		0.8 (0.4-1.5)		
High Risk (3+)	98	1.3 (0.6-2.7)		1.8 (0.9-3.4)		
Conditioning						0.60
MAC	178	1.0 (reference)		1.0 (reference)		
RIC	207	0.8 (0.4-1.5)		0.7 (0.4-1.4)		
DRI (CIBMTR)						0.58
Low Risk	47	1.0 (reference)		1.0 (reference)		
Intermediate Risk	244	1.2 (0.5-2.9)		1.4 (0.6-3.3)		
High/Very Risk	54	0.8 (0.2-2.4)		1.6 (0.6-4.4)		
Non-Malignant	40	1.3 (0.3-5.2)		0.9 (0.2-3.0)		
Transplant Year						0.33
2008-2011	158	1.0 (reference)		1.0 (reference)		
2012-2016	227	0.6 (0.4-1.2)		0.8 (0.5-1.5)		
MiN aGVHD Risk						<0.01
Standard Risk	301	1.0 (reference)		1.0 (reference)		
High Risk	84	1.5 (0.7-3.2)	0.26	2.4 (1.3-4.6)	<0.01	
Abbreviations: OR=odds ratio; aGVHD=acute graft-versus-host disease; URD=unrelated donor; s/dUCB=single/double umbilical cord blood; MAC=myeloablative, RIC=reduced intensity;DRI=disease risk index; MiN=Minnesota						