

**S5 Table.** Risk factors for post-transplantation lymphoproliferative disorder and death in kidney transplant recipients

Outcome	Risk factor	Univariable analysis			Multivariable analysis		
		SHR or HR <sup>a)</sup>	95% CI	p-value	SHR or HR <sup>a)</sup>	95% CI	p-value
<b>PTLD</b>	<b>Sex</b>						
	Male	1.09	0.72-1.55	0.613	1.08	0.76-1.53	0.681
	Female	1 (ref.)			1 (ref.)		
	<b>Age group (yr)</b>						
	0-9	3.19	0.96-10.61	0.059	3.16	0.95-10.59	0.062
	10-19	1.94	0.90-4.22	0.093	1.94	0.89-4.22	0.095
	20-39	1 (ref.)			1 (ref.)		
	40-59	0.87	0.58-1.29	0.479	0.86	0.58-1.29	0.472
≥ 60	1.43	0.83-2.46	0.202	1.42	0.82-2.44	0.210	
<b>Death</b>	<b>PTLD</b>						
	Yes	7.34	4.79-11.23	< 0.001	8.88	5.79-13.61	< 0.001
	No	1 (ref.)			1 (ref.)		
	<b>Sex</b>						
	Male	1.40	1.23-1.60	< 0.001	1.31	1.14-1.49	< 0.001
	Female	1 (ref.)			1 (ref.)		
	<b>Age group (yr)</b>						
	0-9	1.28	0.31-5.24	0.728	1.21	0.30-4.95	0.790
	10-19	0.98	0.42-2.26	0.962	0.92	0.40-2.13	0.850
	20-39	1 (ref.)			1 (ref.)		
	40-59	3.84	2.97-4.98	< 0.001	3.87	2.99-5.01	< 0.001
	≥ 60	10.29	7.87-13.47	< 0.001	10.23	7.82-13.39	< 0.001

CI, confidence interval; HCT, hematopoietic stem cell transplantation; HR, hazard ratio; PTLD, post-transplantation lymphoproliferative disorder; ref, reference; SHR, subdistributional hazard ratio. <sup>a)</sup>SHR for risk of PTLD, HR for risk of death.