

Table S1: Adjusted associations of center volume and baseline recipient, donor and transplant factors with the risk of pancreas allograft failure at 3 months after SPK and pancreas alone.

	SPK				PAK and PTA			
	HR	95% CI		P value	HR	95% CI		P value
Center Volume								
Low volume	1.55	1.34	1.80	0.01	1.56	1.23	1.98	0.01
Medium volume	1.24	1.07	1.44	0.01	1.21	0.96	1.53	0.11
High volume	Ref				Ref			
Recipient								
Age, years								
18 - 35	Ref				Ref			
36 - 50	0.95	0.83	1.08	0.44	0.82	0.67	1.01	0.72
Over 50	0.90	0.75	1.09	0.29	0.77	0.58	1.01	0.06
Gender-Female	1.09	0.97	1.23	0.15	1.04	0.86	1.25	0.68
Race								
White	Ref				Ref			
Black	0.97	0.82	1.15	0.73	0.70	0.46	1.06	0.09
Hispanic	0.80	0.63	1.0	0.05	1.05	0.72	1.52	0.81
Other	1.07	0.75	1.54	0.70	1.06	0.47	2.39	0.88
BMI	1.04	1.02	1.05	<0.01	1.02	1.01	1.05	0.02
Dialysis Vintage, months								
0	Ref				Ref			
>24	0.86	0.73	1.02	0.08	1.68	0.94	3.01	0.08
<24	1.01	0.85	1.20	0.93	N/A			
Missing	0.94	0.78	1.13	0.51	1.14	0.84	1.53	0.41
Wait list time, years								
<= 1	Ref				Ref			
1 - 3	0.86	0.73	1.20	0.08	0.88	0.70	1.11	0.28
>3	1.01	0.85	1.20	0.93	0.92	0.55	1.52	0.73
Missing	0.94	0.78	1.13	0.51	N/A			
HLA mismatches								
0	Ref				Ref			
1 – 2	0.68	0.44	1.07	0.01	1.09	0.43	2.78	0.84
3 - 6	0.716	0.496	1.034	0.07	1.03	0.42	2.51	0.95
Peak PRA, %								
0	Ref				Ref			
01 - 20	1.03	0.90	1.19	0.67	0.92	0.75	1.14	0.46
21 - 80	1.23	1.03	1.48	0.02	0.94	0.70	1.27	0.71
81 - 100	1.26	0.93	1.71	0.13	1.19	0.77	1.82	0.43

Missing	0.84	0.50	1.43	0.53	0.89	0.42	1.90	0.77
Donor								
Age, years	1.02	1.01	1.03	<0.01	1.02	1.01	1.03	0.01
Gender, female	1.02	0.89	1.16	0.75	1.04	0.86	1.25	0.69
Race								
White	Ref				Ref			
Black	1.05	0.89	1.23	0.56	1.15	0.89	1.49	0.29
Hispanic	0.96	0.80	1.16	0.70	0.80	0.60	1.07	0.14
Others	0.90	0.63	1.29	0.58	1.16	0.69	1.96	0.57
BMI	1.02	1.0	1.03	0.035	1.01	0.99	1.03	0.3
Hypertension	1.37	1.10	1.69	0.01	0.84	0.59	1.21	0.35
Cause of death								
Other	Ref				Ref			
Anoxia	0.94	0.77	1.14	0.55	1.34	1.02	1.76	0.03
CVA	1.16	0.99	1.37	0.07	1.31	1.02	1.68	0.03
Preservation Time, hrs								
0 -10	Ref				Ref			
10 - 20	1.19	1.04	1.38	0.01	1.08	0.87	1.34	0.47
>20	1.91	1.54	2.37	<0.01	1.11	0.78	1.58	0.56
Missing	1.39	1.16	1.66	0.01	1.18	0.9	1.54	0.23