Supplemental Table 2. The inter-correlation matrix in multivariate analysis for the relative impact of ten pre-transplant variables

Correlations (R value)

	Days of post-isolation culture	Viability-semi-automated (%)	Average islet area	Post-isolation IEQ	Post-isolation IPN	ColdIschemiaTime (h)	Donor HbA1c	Donor age	Donor BMI	Viability-conventional (%)	Islet purity (%)	AUC_0-28
Days of post-isolation culture		-0.0492	0.1768	-0.0347	-0.1045	-0.0313	-0.1673	-0.1098	0.2943	-0.3039	0.1316	0.117
Viability-semi-automated (%)			-0.5101	0.2667	0.2826	-0.0737	-0.0277	0.0105	-0.289	-0.1299	0.0076	-0.299
Average islet area				-0.0988	-0.2306	-0.0928	0.0347	-0.0667	0.1947	-0.1971	-0.0154	0.2204
Post-isolation IEQ					0.7922	-0.0385	0.2869	0.3409	0.1419	-0.0948	0.388	-0.1407
Post-isolation IPN						-0.1215	0.2418	0.4923	0.0524	-0.106	0.3256	-0.2068
ColdIschemiaTime (h)							-0.1084	0.0477	-0.2193	0.0309	-0.0812	-0.0817
Donor HbA1c								0.2105	0.2403	0.0182	0.0256	0.1478
Donor age									0.1429	-0.0247	0.2158	-0.0954
Donor BMI										-0.0249	-0.0042	0.2239
Viability-conventional (%)											-0.2571	0.0668
Islet purity (%)												-0.0393
AUC_0-28												

Probability (p value)

	Days of post-isolation culture	Viability-semi-automated (%)	Average islet area	Post-isolation IEQ	Post-isolation IPN	ColdIschemiaTime (h)	Donor HbA1c	Donor age	Donor BMI	Viability-conventional (%)	Islet purity (%)	AUC_0-28
Days of post-isolation culture		0.5407	0.0267	0.6661	0.1925	0.6968	0.0362	0.1709	0.0002	0.0001	0.1004	0.1445
Viability-semi-automated (%)			<.0001	0.0007	0.0003	0.359	0.731	0.8965	0.0002	0.105	0.9243	0.0001
Average islet area				0.2182	0.0037	0.2475	0.6662	0.4065	0.0146	0.0133	0.8479	0.0055
Post-isolation IEQ					<.0001	0.6321	0.0003	<.0001	0.0763	0.2375	<.0001	0.0788
Post-isolation IPN						0.1294	0.0023	<.0001	0.5147	0.1865	<.0001	0.0094
ColdIschemiaTime (h)							0.1766	0.5534	0.0058	0.7009	0.3123	0.3088
Donor HbA1c								0.0082	0.0024	0.8207	0.7504	0.0647
Donor age									0.0742	0.759	0.0066	0.2344
Donor BMI										0.7572	0.958	0.0048
Viability-conventional (%)											0.0011	0.4055
Islet purity (%)												0.6253
AUC_0-28												