

Supplementary Table 5. Different baseline characteristics between IFLT and SCS

Characteristic	Before PSM			After PSM (2:1)		
	SCS (n=279)	IFLT (n=50)	P-value	SCS (n=96)	IFLT (n=48)	P-value
Donor						
Gender (%) [*]			0.052			0.133
Male	225.0 (80.6)	46.0 (92.0)		79.0 (82.3)	44.0 (91.7)	
Female	54.0 (19.4)	4.0 (8.0)		17.0 (17.7)	4.0 (8.3)	
Age (y) [†]	37.8 (11.1)	41.6 (13.0)	0.055	36.6 (11.1)	41.0 (12.9)	0.056
BMI (kg/m ²) [†]	22.7 (3.4)	23.1 (2.1)	0.118	22.5 (2.9)	22.9 (2.0)	0.150
Diabetes (%) [*]	2.0 (0.7)	1.0 (2.0)	0.391	2.0 (2.1)	1.0 (2.1)	>0.999
Hypertension (%) [*]	20.0 (7.2)	3.0 (6.0)	>0.999	6.0 (6.3)	3.0 (6.3)	>0.999
HBV (%) [*]	34.0 (12.2)	5.0 (10.0)	0.660	13.0 (13.5)	4.0 (8.3)	0.361
Sodium (mmol/L) [‡]	148.4 (11.2)	145.8 (9.0)	0.183	147.6 (11.9)	145.4 (8.9)	0.495
Potassium (mmol/L) [‡]	4.1 (0.8)	4.3 (1.2)	0.392	4.2 (0.9)	4.4 (1.2)	0.446
Hemoglobin (g/L) [‡]	90.5 (73.0, 105.0)	81.5 (69.3, 100.5)	0.152	92.0 (77.0, 104.0)	82.0 (68.8, 101.3)	0.126
Tbil (mg/dL) [‡]	1.4 (0.9, 2.6)	1.5 (0.8, 3.4)	0.891	1.3 (0.9, 2.4)	1.4 (0.7, 3.3)	0.595
AST (U/L) [‡]	126.0 (98.5, 177.0)	126.0 (96.0, 181.0)	0.742	139.0 (102.0, 198.3)	127.0 (98.3, 184.0)	0.466
ALT (U/L) [‡]	86.0 (51.5, 143.0)	84.0 (40.3, 157.8)	0.738	102.0 (61.8, 171.5)	84.0 (40.8, 153.3)	0.172
Creatine (umol/L) [‡]	88.0 (61.0, 144.0)	68.5 (51.3, 108.5)	0.008	73.0 (51.5, 105.0)	66.5 (49.5, 107.5)	0.703
Steatosis (%) [*]	80.0 (32.8)	23.0 (47.9)	0.045	47.0 (49.0)	23.0 (47.9)	0.906
Recipient						
Gender (%) [*]			>0.999			>0.999
Male	258.0 (92.5)	46.0 (92.0)		87.0 (90.6)	44.0 (91.7)	
Female	21.0 (7.5)	4.0 (8.0)		9.0 (9.4)	4.0 (8.3)	
Age (y) [†]	50.2 (10.5)	52.8 (10.7)	0.134	50.3 (11.5)	52.3 (10.6)	0.429
BMI (kg/m ²) [†]	23.4 (3.4)	23.2 (3.0)	0.693	23.1 (3.6)	23.2 (3.0)	0.926
MELD score [‡]	14.0 (10.0, 27.0)	14.5 (10.0, 19.5)	0.654	14.0 (9.0, 22.0)	14.5 (10.0, 18.5)	0.609
Cirrhosis (%) [*]	77.0 (27.6)	18.0 (36.0)	0.227	24.0 (25.0)	17.0 (35.4)	0.192
Liver failure (%) [*]	27.0 (9.7)	3.0 (6.0)	0.594	4.0 (4.2)	3.0 (6.3)	0.686
Liver tumor (%) [*]	87.0 (31.2)	14.0 (28.0)	0.653	27.0 (28.1)	13.0 (27.1)	0.895
Operation time (min) [†]	433.5 (75.2)	408.7 (73.6)	0.071	435.6 (74.2)	409.5 (75.1)	0.087
Blood loss (L) [‡]	1.5 (0.8, 2.5)	1.8 (1.0, 2.5)	0.418	1.5 (1.0, 3.0)	1.9 (1.0, 2.5)	0.785

Adjusted variables: donor liver steatosis and serum creatine level. ^{*}Categorical variables were exhibited as frequencies (percentages). [†]Continuous variables with normal distribution were presented as mean (standard deviation), while [‡]continuous variables with non-normal distribution were exhibited as median (interquartile range).

IFLT, ischemia-free liver transplantation; SCS, static cold storage; PSM, propensity score matching; BMI, body mass index; HBV, hepatic B virus; Tbil, total bilirubin; AST, aspartate aminotransferase; ALT, alanine aminotransferase; MELD score, model for end-stage liver disease score.