

**Supplementary Table 2.** Different baseline characteristics between FMLs and normal

Characteristic	Before PSM		After PSM (1:1)		P-value
	Normal (n=436)	FMLs (n=279)	Normal (n=219)	FMLs (n=219)	
<b>Donor</b>					
Gender (%) <sup>*</sup>					0.478
Male	342.0 (78.4)	225.0 (80.6)	172.0 (78.5)	173.0 (79.0)	0.907
Female	94.0 (21.6)	54.0 (19.4)	47.0 (21.5)	46.0 (21.0)	
Age (y) <sup>†</sup>	41.5 (11.6)	37.8 (11.1)	37.9 (11.7)	37.7 (11.0)	0.993
BMI (kg/m <sup>2</sup> ) <sup>†</sup>	23.0 (2.8)	22.7 (3.4)	22.9 (2.8)	22.7 (3.4)	0.223
Diabetes (%) <sup>*</sup>	7.0 (1.6)	2.0 (0.7)	3.0 (1.4)	2.0 (0.9)	>0.999
Hypertension (%) <sup>*</sup>	38.0 (8.7)	20.0 (7.2)	10.0 (4.6)	15.0 (6.8)	0.303
HBV (%) <sup>*</sup>	54.0 (12.4)	34.0 (12.2)	31.0 (14.2)	25.0 (11.4)	0.391
Sodium (mmol/L) <sup>†</sup>	151.2 (13.0)	148.4 (11.2)	148.7 (11.9)	148.5 (11.6)	0.778
Potassium (mmol/L) <sup>†</sup>	4.0 (0.8)	4.1 (0.8)	4.0 (0.8)	4.1 (0.8)	0.098
Hemoglobin (g/L) <sup>‡</sup>	88.0 (64.0, 109.0)	90.5 (73.0, 105.0)	87.5 (61.3, 109.3)	89.0 (72.5, 105.0)	0.434
Tbil (mg/dL) <sup>‡</sup>	0.9 (0.6, 1.4)	1.4 (0.9, 2.6)	1.0 (0.7, 1.5)	1.3 (0.8, 2.5)	<0.001
AST (U/L) <sup>‡</sup>	39.5 (25.0, 58.0)	126.0 (98.5, 177.0)	40.0 (26.0, 59.0)	128.0 (99.0, 177.0)	<0.001
ALT (U/L) <sup>‡</sup>	29.0 (19.5, 45.0)	86.0 (51.5, 143.0)	27.3 (19.0, 43.0)	85.0 (49.0, 147.5)	<0.001
Creatine (umol/L) <sup>‡</sup>	97.0 (68.0, 153.5)	88.0 (61.0, 144.0)	91.0 (64.0, 147.5)	87.0 (58.0, 139.5)	0.265
Steatosis (%) <sup>*</sup>	152.0 (40.9)	80.0 (32.8)	79.0 (36.1)	71.0 (32.4)	0.421
<b>Recipient</b>					
Gender (%) <sup>*</sup>					0.086
Male	386.0 (88.5)	258.0 (92.5)	194.0 (88.6)	204.0 (93.2)	0.097
Female	50.0 (11.5)	21.0 (7.5)	25.0 (11.4)	15.0 (6.8)	
Age (y) <sup>†</sup>	50.1 (11.1)	50.2 (10.5)	49.6 (11.4)	50.7 (10.2)	0.309
BMI (kg/m <sup>2</sup> ) <sup>†</sup>	23.5 (3.6)	23.4 (3.4)	23.6 (3.8)	23.2 (3.3)	0.618
MELD score <sup>‡</sup>	16.0 (9.8, 27.0)	14.0 (10.0, 27.0)	15.0 (9.0, 27.0)	14.0 (10.0, 26.5)	0.852
Cirrhosis (%) <sup>*</sup>	154.0 (35.3)	77.0 (27.6)	58.0 (26.5)	57.0 (26.0)	0.914
Liver failure (%) <sup>*</sup>	45.0 (10.3)	27.0 (9.7)	21.0 (9.6)	19.0 (8.7)	0.740
Liver tumor (%) <sup>*</sup>	150.0 (34.4)	87.0 (31.2)	83.0 (37.9)	67.0 (30.6)	0.063
Operation time (min) <sup>*</sup>	454.4 (113.0, 2,500.0)	433.5 (75.2, 2,500.0)	447.7 (114.6)	430.4 (74.5)	0.335
Blood loss (L) <sup>‡</sup>	1.5 (0.8, 2.5)	1.5 (0.8, 2.5)	1.4 (0.7, 2.5)	1.5 (1.0, 2.5)	0.108

Adjusted variables: donor age, BMI, serum sodium level, serum creatine level, liver steatosis, and recipient liver cirrhosis. \*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).

FMLs, functionally marginal liver grafts; 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.