

Supplementary Table 1 The correlation analysis between liver and spleen stiffness and serum indicators of liver fibrosis

	Liver STQ	Spleen STQ	Hyaluronida se	Type III procollagen	Type IV collagen	Laminin
Liver STQ	1.00	0.08	0.02	0.30	0.35	0.39
Spleen STQ	0.08	1.00	-0.12	0.29	-0.01	0.04
Hyaluronidase	0.02	-0.12	1.00	0.24	0.32	0.35
Type III procollagen	0.30	0.29	0.24	1.00	0.31	0.45
Type IV collagen	0.35	-0.01	0.32	0.31	1.00	0.52
Laminin	0.39	0.04	0.35	0.45	0.52	1.00

STQ, sound touch quantify. The bold represents p-value less than 0.05.

Supplementary Table 2 The correlation analysis among liver and spleen stiffness and liver function

	Liver STQ	Spleen STQ	Child-pugh score	MELD score	MELD-Na score	Blood ammonia
Liver STQ	1.00	0.03	0.39	0.15	0.24	0.26
Spleen STQ	0.03	1.00	0.29	-0.12	-0.08	-0.05
Child- pugh score	0.39	0.29	1.00	0.17	0.27	0.11
MELD score	0.15	-0.12	0.17	1.00	0.95	0.16

MELD-Na score	0.24	-0.08	0.27	0.95	1.00	0.20
Blood ammonia	0.26	-0.05	0.11	0.16	0.20	1.00

STQ, sound touch quantify; MELD, model for end-stage liver disease. The bold represents p-value less than 0.05.

Supplementary Table 3 Logistic regression analysis of the relationship between OHE after TIPS and liver and spleen stiffness

	HR	95%CI	<i>P</i> value
Liver STQ	1.030	0.986 - 1.077	0.186
Spleen STQ	1.013	0.957 - 1.073	0.647

OHE, overt hepatic encephalopathy; TIPS: transjugular intrahepatic portosystemic shunt; HR: hazard ratio; STQ, sound touch quantify.