## Supplementary

Table S1 Performance of segmentation and volumetry of Couinaud liver segments in the test data set [mean ± standard deviation (95% CI)]

Segment	DSC values in test data set	DSC values in test data set 1	DSC values in test data set 2	DSC values for healthy livers	DSC values for hepatic steatosis	DSC values for cirrhosis	Average volume (M) of liver segments (mL)	Average volume (A) of liver segments (mL)
Segment I	0.93±0.01	0.93±0.07	0.92±0.03	0.95± 0.10	0.96±0.02	0.90±0.09	36.51±18.02	33.44±13.74
	(0.92, 0.94)	(0.92, 0.94)	(0.86, 0.98)	(0.92, 0.98)	(0.95, 0.97)	(0.87, 0.92)	(33.85, 39.18)	(31.41, 35.47)
Segment II	0.94±0.01	0.95±0.08	0.90±0.02	0.95±0.04	0.98±0.02	0.90±0.13	142.08±61.55	135.73±55.67
	(0.93, 0.95)	(0.93, 0.96)	(0.87, 0.94)	(0.94, 0.96)	(0.97, 0.98)	(0.86, 0.94)	(132.97, 151.18)	(127.50, 143.97)
Segment III	0.93±0.01	0.95±0.07	0.89±0.03	0.92±0.07	0.96±0.04	0.91±0.10	107.85±72.32	102.41±67.97
	(0.92, 0.95)	(0.93, 0.96)	(0.83, 0.95)	(0.90, 0.94)	(0.95, 0.97)	(0.89, 0.94)	(97.15, 118.55)	(92.36, 112.47)
Segment IV	0.93±0.01	0.95±0.06	0.86±0.03	0.90±0.08	0.96±0.04	0.93±0.09	198.38±87.03	199.84±79.23
	(0.92, 0.95)	(0.94, 0.96)	(0.80, 0.92)	(0.88, 0.92)	(0.95, 0.97)	(0.90, 0.95)	(185.51, 211.25)	(188.13, 211.56)
Segment V	0.94±0.00	0.94±0.06	0.91±0.01	0.91±0.05	0.97±0.04	0.90±0.08	245.01±99.58	243.40±95.90
	(0.93, 0.95)	(0.93, 0.96)	(0.88, 0.94)	(0.89, 0.92)	(0.96, 0.98)	(0.88, 0.93)	(230.28, 259.73)	(229.21, 257.58)
Segment VI	0.95±0.00	0.95±0.06	0.93±0.01	0.91±0.05	0.97±0.03	0.92±0.08	222.02±88.57	215.98±82.39
	(0.94, 0.96)	(0.94, 0.96)	(0.91, 0.96)	(0.90, 0.92)	(0.96, 0.98)	(0.90, 0.94)	(208.92, 235.12)	(203.80, 228.17)
Segment VII	0.95±0.00	0.95±0.06	0.93±0.01	0.91±0.07	0.97±0.05	0.92±0.09	146.14±66.18	145.61±60.86
	(0.94, 0.96)	(0.94, 0.96)	(0.91, 0.96)	(0.89, 0.93)	(0.95, 0.98)	(0.90, 0.94)	(136.35, 155.93)	(136.60, 154.61)
Segment VIII	0.95±0.00	0.96±0.05	0.92±0.02	0.91±0.05	0.97±0.04	0.93±0.06	257.45±115.76	260.95±105.98
	(0.94, 0.96)	(0.95, 0.96)	(0.88, 0.96)	(0.90, 0.93)	(0.96, 0.98)	(0.92, 0.95)	(240.32, 274.57)	(245.27, 276.63)
Mean	0.94±0.00	0.93±0.07	0.91±0.13	0.92±0.07	0.97±0.04	0.91±0.09	169.43±107.26	167.17±103.98
	(0.93, 0.94)	(0.93, 0.94)	(0.89, 0.92)	(0.91, 0.93)	(0.96, 0.97)	(0.91, 0.92)	(163.85, 175.01)	(161.77, 172.58)

Volume (M), volume obtained by manual segmentation; volume (A), volume obtained with automated segmentation.