Supplementary Table 1. The diagnostic codes for liver diseases in this study

Diagnosis	ICD-9CM	ICD-10
Hepatitis A	070.0x, 070.1x	B15.x
Hepatitis B	070.2x, 070.3x, V02.61	B18.0x, B18.1x, B19.1x, Z22.51
Hepatitis C	070.41, 070.44, 070.51, 070.54, 070.7x, V02.62	B18.2x, B19.2x, Z22.52
Hepatitis D	070.21, 070.23, 070.31, 070.33, 070.42, 070.52	B16.0x, B16.1x, B17.0x, B18.0x
Hepatitis E	070.43, 070.53	B17.2x
Chronic hepatitis, unspecified	571.40, 571.41, 571.49, 571.9x, 572.8x, 573.x, 070.6x,070.9x, 570.x	B18.8x, B18.9x, B19.0x, B19.9x, B94.2x, K72.x, K73.x, K75.x, K76.x, K77.x, Z22.50, Z22.59
Alcoholic hepatitis	571.0x, 571.1x, 571.2x, 571.3x, 303.9x, 305.0x, V11.3x, V79.1x	K70.x
Non-alcoholic steatohepatitis	571.8x	K75.81, K76.0x
Autoimmune hepatitis	571.42	K75.4.x
Primary biliary cholangitis	571.6x	K74.3x, K74.4x
Primary sclerosing cholangitis	576.1x	K83.0x
Toxic hepatitis		K71.x
Hemochromatosis	275.0x	E83.1x
Wilson's disease	275.1x	E83.01
Cirrhosis and complications	571.2x, 571.5x, 572.2x, 572.3x, 572.4x	K74.x
Liver abscess	572.0, 006.3	K75.0x
Liver cysts	751.62	Q44.6x
Benign liver tumors	228.04, 211.5x	D13.4x, D18.03
Hepatocellular carcinoma	155.0x, 155.2x	C22.0x, C22.8x, C22.9x
Cholangiocarcinoma	155.1x	C22.1x
Metastatic liver cancer	197.7x, 209.72	C78.7x, C7B.02

ICD-9CM, International Classification of Disease 9 Clinical Modification.