

Supplemental Table 1. Baseline characteristics of all matched extrahepatic cholangiocarcinoma (ECC) cases, its subtypes perihilar cholangiocarcinoma (pCCA) and distal cholangiocarcinoma (dCCA) and controls

Variable	All ECC (N=394)	pCCA (N=259)	dCCA (N=135)	All controls (N=788)	#p-value
Age in years, mean (SD)	65.7 (13.9)	62.8 (13.8)	71.3 (12.2)	65.6 (13.8)	0.90
Sex, male	268 (68.0%)	175 (67.6%)	93 (68.9%)	538 (68.3%)	0.93
Race					1.00
White, <i>n</i> (%)	380 (96.4%)	248 (95.8%)	132 (97.8%)	760 (96.4%)	
Non-white, <i>n</i> (%)	14 (3.6%)	11 (4.2%)	3 (2.2%)	28 (3.6%)	
BMI; mean (SD)	27.8 (6.0)	27.5 (6.2)	28.4 (5.5)	28.8 (5.3)	<0.001
Statin use, <i>n</i> (%)	73 (18.5%)	48 (18.5%)	25 (18.5%)	403 (51.1%)	<0.001
DM, <i>n</i> (%)	123 (31.2%)	76 (29.3%)	47 (34.8%)	303 (38.5%)	0.015
IBD, <i>n</i> (%)	41 (10.4%)	34 (13.1%)	7 (5.2%)	11 (1.4%)	<0.001
Cirrhosis, <i>n</i> (%)	75 (19.0%)	65 (25.1%)	10 (7.4%)	59 (7.5%)	<0.001
Cholangitis, <i>n</i> (%)	113 (28.7%)	87 (34%)	26 (19.3%)	1 (0.1%)	<0.001
PSC, <i>n</i> (%)	125 (31.7%)	94 (36.3%)	31(23%)	0 (0.0%)	<0.001
HCV, <i>n</i> (%)	21 (5.3%)	18 (6.9%)	3 (2.2%)	6 (0.8%)	<0.001
Other liver disease, <i>n</i> (%)	39 (9.9%)	33 (12.7%)	6 (4.4%)	21 (2.7%)	<0.001
CAD, <i>n</i> (%)	113 (28.7%)	69 (26.6%)	44 (32.6%)	258 (32.7%)	0.16
Stroke, <i>n</i> (%)	7 (1.8%)	4 (1.5%)	3 (2.2%)	132 (16.8%)	<0.001
*Smoking, <i>n</i> (%)	188 (47.7%)	114 (44%)	74 (55.2%)	374 (47.7%)	0.99
^Alcohol use, <i>n</i> (%)	210 (53.3%)	136 (52.5%)	73 (54.5%)	596 (75.9%)	<0.001

\*If patient ever had a history of smoking; ^if patient ever had a history of alcohol use.

# p-value comparing all cases vs all controls