

**ESM Table 7. Multivariable association between liver markers and incident coronary artery disease events (subjects with NAFL). Values are hazard ratios (95%CI)**

	Model 1	p value	Model 2	p value	Model 3	p value
ALT, U/L	0.98 (0.94,1.01)	0.188	0.97 (0.94,1.01)	0.127	0.96 (0.92,1.00)	0.065
AST, U/L	0.99 (0.94,1.04)	0.748	0.99 (0.94,1.04)	0.709	0.98 (0.93,1.03)	0.367
GGT, log <sub>2</sub> <sup>a</sup>	1.47 (0.98,2.22)	0.063	1.46 (0.97,2.21)	0.072	1.36 (0.84,2.22)	0.212
CK18, log <sub>2</sub> <sup>a</sup>	0.68 (0.35,1.32)	0.258	0.67 (0.35,1.28)	0.228	0.75 (0.38,1.50)	0.422
APRI, log <sub>2</sub> <sup>a</sup>	0.58 (0.27,1.24)	0.159	0.56 (0.25,1.23)	0.145	0.43 (0.19,0.98)	0.044
AST:ALT ratio	19.53 (1.05,363.38)	0.046	38.00 (1.72,841.03)	0.021	28.96 (1.08,775.14)	0.045
ELF score	0.80(0.39,1.63)	0.538	0.80 (0.38,1.68)	0.553	0.76 (0.29,1.98)	0.574
FIB4	0.48 (0.14,1.63)	0.241	0.51 (0.14,1.81)	0.299	0.31 (0.08,1.22)	0.093
NFS	1.04 (0.86,1.25)	0.692	1.05 (0.87,1.27)	0.632	0.99 (0.81,1.20)	0.883
Platelets, x10 <sup>9</sup> /L	1.01(1.00,1.01)	0.076	1.01 (1.00,1.01)	0.060	1.01 (1.00,1.02)	0.015

ALT, AST, GGT, APRI, AST:ALT ratio, FIB4, NFS and platelets total n=319 incident CAD n=23; CK18 total n=295 incident CAD n=18; ELF total n=231 incident CAD n=15.

<sup>a</sup> APRI, CK18 and GGT analysed on the Log<sub>2</sub> scale for linearization, therefore odds ratios relate to a doubling of the marker.

Model 1 – Unadjusted; Model 2 - Adjusted for age and sex; Model 3 - Adjusted for age, sex, duration of diabetes, treatment of diabetes, lipid lowering drugs, blood pressure lowering drugs, deprivation (Scottish Index of Multiple Deprivation quintile), smoking status, excess alcohol consumption, body mass index,

systolic blood pressure, diastolic blood pressure, HbA1c, HDL cholesterol, total cholesterol and estimated glomerular filtration rate. Incident analysis additionally adjusted for prevalence cardiovascular disease at baseline.

**ALT** alanine aminotransferase; **APRI** aspartate aminotransferase to platelet ratio index; **AST** aspartate aminotransferase; **CK18** cytokeratin-18; **ELF** Enhanced Liver Fibrosis; **FIB4** Fibrosis-4 score; **GGT** gammaglutamyl transferase; **NFS** NAFLD Fibrosis Score