Supplementary table 1. Association between fatty liver index and new onset heart failure

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| FLI  | N. | New onset HF | Univariate | Model 1\* | Model 2† |
| HR | 95% CI | P-value | HR | 95% CI | P-value | HR | 95% CI | P-value |
| FLI criteria 1 |  |  |  |  |  |  |  |  |  |  |  |
| 0 ≤ FLI < 30 | 228,136 | 1,608(0.7) | Reference |  |  | Reference |  |  | Reference |  |  |
| 30 ≤ FLI < 60 | 54,563 | 614(1.1) | 1.538 | 1.402-1.688 | <0.001 | 1.376 | 1.250-1.514 | <0.001 | 1.320 | 1.198-1.453 | <0.001 |
| FLI ≥ 60 | 25,879 | 310(1.2) | 1.669 | 1.478-1.885 | <0.001 | 1.961 | 1.727-2.227 | <0.001 | 1.849 | 1.622-2.106 | <0.001 |
| FLI criteria 2‡ |  |  |  |  |  |  |  |  |  |  |  |
| Low probability | 178,464 | 10,20(0.6) | Reference |  |  | Reference |  |  | Reference |  |  |
| Intermediate probability | 46,892 | 480(1.0) | 1.735 | 1.556-1.933 | <0.001 | 1.233 | 1.105-1.376 | <0.001 | 1.196 | 1.072-1.334 | 0.001 |
| High probability | 83,222 | 1,032(1.2) | 2.104 | 1.930-2.294 | <0.001 | 1.631 | 1.496-1.779 | <0.001 | 1.557 | 1.423-1.704 | <0.001 |

\*Cox proportional hazard models including age, and sex as covariates

†Cox proportional hazard models including age, sex, and clinical characteristics, of which association with new onset heart failure showed borderline statistical significance (P < 0.100)

‡Low probability: 0 ≤ FLI < 25 for male, 0 ≤ FLI < 10 for female; intermediate probability: 25 ≤ FLI < 35 for male, 10 ≤ FLI < 20 for female; high probability: FLI ≥ 35 for male, FLI ≥ 20 for female

CI: confidential interval, FLI: fatty liver index, HR: hazard ratio