|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Model | Prediction accuracy | Independent variable | B | SE | p | Odds Ratio (OR) | 95% CI for OR |
| Lower | Upper |
| Model 1 | 84.1 % | ALAT (units/l) | 0.42 | 0.16 | 0.007 | 1.043 | 1.011 | 1.075 |
| HOMA-IR | 0.135 | 0.065 | 0.039 | 1.144 | 1.007 | 1.300 |
| Model 2 | 84.6% | ALAT (units/l) | 0.046 | 0.016 | 0.004 | 1.047 | 1.015 | 1.080 |
| HOMA-IR | 0.152 | 0.067 | 0.023 | 1.164 | 1.020 | 1.328 |
| Hypertension (yes/no) | -0.272 | 0.489 | 0.578 | 0.762 | 0.292 | 1.987 |
| CAD (yes/no) | 1.476 | 0.582 | 0.011 | 4.377 | 1.400 | 13.686 |
| Model 3 | 85.1% | ALAT (units/l) | 0.045 | 0.016 | 0.007 | 1.046 | 1.012 | 1.080 |
| HOMA-IR | 0.134 | 0.065 | 0.041 | 1.143 | 1.005 | 1.299 |
| LDLc (mmol/l) | 0.420 | 0.204 | 0.040 | 1.522 | 1.020 | 2.273 |

Table III. Multiple logistic regression analysis: ALAT, HOMA-IR, LDLc and CAD were significant predictors of NAFLD by FLI ˃ 60.

NAFLD = non-alcoholic fatty liver disease, ALAT = alanine aminotransferase, HOMA-IR = homeostasis model assessment insulin resistance, CAD = coronary artery disease, LDLc = low density lipoprotein cholesterol, FLI = fatty liver index.