**Supplementary Table 2. The risk factors of liver cancer in chronic hepatitis C patients.**

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| --- | --- | --- | --- | --- |
| **Variables** | **Patients with Liver Cancer** (N=50) | **Patients without Liver Cancer** (N=308) | **Single Factor Analysis** | **Multivariate Analysis** |
| **N (%)/N (%)** | **χ2** | **P** | **Z** | **P** | **OR (95%CI)** |
| Gender(Male/Female) | 39 (78.0)/11 (22.0) | 189 (61.4)/119 (38.6) | 5.15 | **0.023** | 1.91 | 0.056 | 2.19(1.00~5.06) |
| Age(≥50/<50) | 45 (90.0)/5 (10.0) | 198 (64.3)/110 (35.7) | 13.05 | **<0.001** | 2.30 | **0.021** | 3.48(1.29~11.23) |
| Child-Pugh (B+C/A) | 16 (32.0)/34 (68.0) | 30 (9.7)/278 (90.3) | 19.03 | **<0.001** | 1.00 | 0.320 | 1.53(0.65~3.55) |
| FIB-4(≥3.25/<3.25) | 40 (80.0)/10 (20.0) | 73 (23.7)/235 (76.3) | 63.12 | **<0.001** | 5.46 | **<0.001** | 9.48(4.35~22.19) |
| Fatty liver(With/Without) | 6 (12.0)/44 (88.0) | 74 (24.0)/234 (76.0) | 3.59 | 0.058 | -0.96 | 0.337 | 0.61(0.21~1.58) |
| Diabetes(With/Without) | 8 (16.0)/42 (84.0) | 22 (7.2)/286 (92.8) | 4.40 | 0.051 | 0.28 | 0.780 | 1.16(0.39~3.22) |
| ANA(Positive/Negative) | 8 (16.0)/42 (84.0) | 64 (20.8)/244 (79.2) | 0.61 | 0.434 | -1.71 | 0.087 | 0.45(0.17~1.08) |
| HCV viral load(<106 IU/L/≥106 IU/L) | 23 (46)/27 (54) | 97 (31.5)/211 (68.5) | 4.06 | **0.044** | -0.54 | 0.590 | 0.82(0.40~1.69) |
| HBsAg(Positive/Negative) | 5 (10)/45 (90) | 15 (4.9)/293 (95.1) | 2.15 | 0.143 | 0.99 | 0.323 | 1.9(0.50~6.60) |

Notes: The chi-square test was used in single factor analysis. Logistics regression analysis was used in multivariate analysis. Child A included CHC patients without cirrhosis, which scored <=6. Child-Pugh stages B and C which scored >6 indicated advanced cirrhosis.FIB-4: the fibrosis index based on four factors, FIB4 = Age × AST / (Platelet× sqr(ALT). FIB-4 index Points > 3.25 indicated cirrhosis most likely.