**Supplementary Table 2. Diagnostic performance of cutoff values of LSM for** **significant and severe inflammation in subgroups based on fibrosis stage in cohort I**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Fibrosis stage** | **Cutoff values** | **Accuracy (%)** | **Sensitivity (%)** | **Specificity (%)** | **PPV****(%)** | **NPV** **(%)** |
| Patients of F0-1 (n = 247) |  |  |  |  |  |  |
| A ≥ 2 | 6.3 | 74.09(183/247) | 59.74(46/77) | 80.59(137/170) | 58.23(46/79) | 81.55(137/168) |
| A = 3 | 7.5 | 98.79(244/247) | 100(1/1) | 94.72(233/246) | 7.14(1/14) | 100(233/233) |
| Patients of F≥ 2 (n = 192) |  |  |  |  |  |  |
| A ≥ 2 | 6.3 | 70.31(135/192) | 94.07(127/135) | 14.04(8/57) | 72.16(127/176) | 50(8/16) |
| A = 3 | 7.5 | 97.92(188/192) | 81.82(18/22) | 30.59(52/170) | 13.24(18/136) | 92.86(52/56) |
| Patients of F=2 (n = 124) |  |  |  |  |  |  |
| A ≥ 2 | 6.3 | 66.13(82/124) | 91.46(75/82) | 16.67(7/42) | 68.18(75/110) | 50(7/14) |
| A = 3 | 7.5 | 40.32(50/124) | 62.50(5/8) | 38.79(45/116) | 6.58(5/76) | 93.75(45/48) |
| Patients of F=3 (n = 45) |  |  |  |  |  |  |
| A ≥ 2 | 6.3 | 75.56(34/45) | 97.06(33/34) | 9.09(1/11) | 76.74(33/43) | 50(1/2) |
| A = 3 | 7.5 | 28.89(13/45) | 87.50(7/8) | 16.22(6/37) | 18.42(7/38) | 85.71(6/7) |
| Patients of F=4 (n = 23) |  |  |  |  |  |  |
| A ≥ 2 | 6.3 | 82.61(19/23) | 100(19/19) | 0(0/4) | 82.61(19/23) | 0(0/0) |
| A = 3 | 7.5 | 30.43(7/23) | 100(6/6) | 5.89(1/17) | 27.27(6/22) | 100(1/100) |

AUC, area under the receiver operating characteristic curve; LSM, liver stiffness measurement; NPV, negative predictive value; PPV, positive predictive value.