**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.