**Supplementary Table S2.** **ROC analysis of differentiating HCC from FNH with CT attenuation value at 40-140 keV (at 10-keV intervals).**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Energy in keV** | **AUC** | **Cut-off value, HU** | **Sensitivity, %** | **Specificity, %** | ***p*** |
| AP |  |  |  |  |  |
| 40 | 0.853 | 261.99 | 100 | 71.0 | 0.004 |
| 50 | 0.866 | 191.8 | 100 | 71.0 | 0.003 |
| 60 | 0.871 | 151.49 | 100 | 74.2 | 0.002 |
| 70 | 0.894 | 115.21 | 100 | 71.0 | 0.001 |
| 80 | 0.926 | 95.13 | 100 | 74.2 | <0.001 |
| 90 | 0.926 | 90.39 | 85.7 | 90.3 | <0.001 |
| 100 | 0.917 | 80.15 | 85.7 | 90.3 | 0.001 |
| 110 | 0.922 | 73.11 | 85.7 | 93.5 | 0.001 |
| 120 | 0.889 | 67.38 | 85.7 | 87.1 | 0.001 |
| 130 | 0.871 | 62.66 | 85.7 | 87.1 | 0.002 |
| 140 | 0.853 | 58.06 | 85.7 | 77.4 | 0.004 |
| PP |  |  |  |  |  |
| 40 | 0.857 | 309.36 | 100 | 80.6 | 0.004 |
| 50 | 0.885 | 215.82 | 100 | 80.6 | 0.002 |
| 60 | 0.894 | 158.25 | 100 | 80.6 | 0.001 |
| 70 | 0.912 | 122.23 | 100 | 80.6 | 0.001 |
| 80 | 0.931 | 102.64 | 100 | 87.1 | <0.001 |
| 90 | 0.940 | 87.63 | 100 | 87.1 | <0.001 |
| 100 | 0.949 | 77.39 | 100 | 90.3 | <0.001 |
| 110 | 0.935 | 69.50 | 100 | 83.9 | <0.001 |
| 120 | 0.912 | 64.06 | 100 | 77.4 | 0.001 |
| 130 | 0.899 | 59.77 | 100 | 77.4 | 0.001 |
| 140 | 0.885 | 55.89 | 100 | 71.0 | 0.002 |

ROC curves of all the parameters used for the differentiation of HCC from FNH. The ROC curve was obtained as larger test result indicated more positive test for FNH.