**Supplementary Table 8** Predictive performance evaluation of the model with the additional VoxelVolume variable.

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Cohort | N | HCC, n (%) | AUC | SEN | SPE | PPV | NPV | ACC | F1-score |
| Training cohort | 809 | 24 (3.0) | 0.872  [0.793, 0.934] | 0.800  [0.667, 0.892] | 0.785  [0.751, 0.815] | 0.106  [0.074, 0.153] | 0.993  [0.986, 0.998] | 0.790  [0.762, 0.824] | 0.184  [0.124, 0.238] |
| Validation cohort | 348 | 11 (3.2) | 0.814  [0.693, 0.926] | 0.727  [0.600, 0.867] | 0.782  [0.713, 0.849] | 0.101  [0.081, 0.123] | 0.989  [0.975, 0.998] | 0.780  [0.726, 0.837] | 0.175  [0.141, 0.204] |
| Test cohort | 1254 | 83 (6.6) | 0.819  [0.763, 0.870] | 0.572  [0.522, 0.701] | 0.875  [0.808, 0.954] | 0.264  [0.227, 0.300] | 0.970  [0.953, 0.989] | 0.862  [0.788, 0.936] | 0.375  [0.328, 0.399] |