**Supplementary Table 5.** Combined contingency table for early-stage HCC cases comparing ultrasound with AFP, AFP-L3, PIVKA-II, GAAD, and GALAD

|  |  |  |  |
| --- | --- | --- | --- |
|  | **Ultrasound+** | **Ultrasound-** | **Total** |
| AFP+AFP-**Total** | 6814 | 41519 | 102333 |
| AFP-L3+AFP-L3-**Total** | 5914 | 41519 | 92433 |
| PIVKA-II+PIVKA-II-**Total** | 9514 | 81119 | 171633 |
| GAAD+GAAD-**Total** | 10414 | 91019 | 191433 |
| GALAD+GALAD-**Total** | 10414 | 91019 | 191433 |

AFP, α-fetoprotein; AFP-L3, *Lens culinaris* agglutinin-reactive fraction of α-fetoprotein; GAAD, gender (biological sex), age, AFP, PIVKA-II; GALAD, gender (biological sex), age, AFP-L3, AFP, PIVKA-II; HCC, hepatocellular carcinoma; PIVKA-II, protein induced by vitamin K absence or antagonist II.