**Table S4.** The AUC, sensitivity and specificity of each machine learning model and CA19-9 for GBC diagnosis

|  |  |  |  |
| --- | --- | --- | --- |
| Model | AUC (95%CI) | Sensitivity (%) | Specificity (%) |
| DT | 0.917 (0.740-0.986) | 100 | 83.3 |
| KNN | 0.910 (0.730-0.984) | 87.5 | 94.4 |
| SVM | 0.972 (0.819-0.992) | 100 | 94.4 |
| LDA | 0.972 (0.819-0.992) | 100 | 94.4 |
| CA19-9 | 0.604 (0.395-0.788) | 87.5 | 33.3 |