|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | top-1 | top-3 | top-5 | test error | AUC |
| TOAD | 0.899 | 0.974 | 0.997 | 0.10098 | 0.98838 |
| AttentionMIL | 0.827 | 0.935 | 0.977 | 0.17264 | 0.97262 |
| CLAM-sb | 0.883 | 0.98 | 1 | 0.11726 | 0.98865 |
| CLAM-mb | 0.886 | 0.987 | 1 | 0.11401 | 0.98859 |
| TransMIL | 0.922 | 0.98 | 0.997 | 0.07818 | 0.993701 |
| TN-MIL-GAP | 0.948 | 0.98 | 1 | 0.052117 | 0.996432 |

Table 2. Classification performance for cancer origin prediction. The top-k accuracy for k=1,3,5, test error, and AUC are shown for different methods such as TOAD, AttentionMIL, CLAM-sb, CLAM-mb, TransMIL, and TN-MIL-GAP.