The 17 datasets have been split into training set and fairly-balanced testing set and classified with the MLP. The table below shows the accuracy, loss and AUC for respective datasets (BNNdata, breast-cancer, breast-w, colic, colic.ORIG, credit-a, credit-g, diabetes, heart-statlog, hepatitis, ionosphere, kr-vs-kp, labor, mushroom, sick, sonar and vote).

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **DATASET** | **Accuracy on classifier** | **Loss** | **AUC** |
| *1* | *BNNdata\_20080701* | *0.48* | *0.70490694* | *0.4822* |
| *2* | *Breast-cancer* | *0.5* | *0.87264824* | *0.5075* |
| *3* | *Breast-w* | *0.73* | *0.70252395* | *0.819* |
| *4* | *Colic* | *0.5* | *0.7550371* | *0.5008* |
| *5* | *Colic.ORIG* | *0.5* | *0.80826706* | *0.4686* |
| *6* | *Credit-a* | *0.55* | *0.6996756* | *0.5678* |
| *7* | *Credit-g* | *0.5* | *0.79873512* | *0.49* |
| *8* | *Diabetes* | *0.5* | *0.7480408* | *0.5502* |
| *9* | *Heart-statlog* | *0.5* | *0.71677903* | *0.4272* |
| *10* | *Hepatitis* | *0.6219512* | *1.1594393* | *0.493125* |
| *11* | *ionosphere* | *0.7* | *0.7186751* | *0.81356* |
| *12* | *Kr-vs-kp* | *0.72* | *0.6579644* | *0.7582* |
| *13* | *labor* | *0.5* | *0.78534* | *0.466* |
| *14* | *mushroom* | *0.55* | *0.753744* | *0.4977* |
| *15* | *Sick* | *0.52* | *1.4552628* | *0.4528* |
| *16* | *Sonar* | *0.53* | *0.7376709* | *0.446* | |
| *17* | *vote* | *0.87* | *0.3358394* | *0.9394* |