|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | Sample Instance + Class  pCoSamp | Sample Only the Instances  pVbExtSamp13VT | Sample Instance + 2 Class  pVbExtSamp13VT | Sample Instance + Class  pVbExtSamp13VT | Do Not Sample  pVbExtSamp13VTLogitBoost  pVbExtSamp13 |
| Optdigits  rf = 0.2  T = 5000 | rb = 0.01, wrb = 1.1 | rs = 0.01, wrs = 1.1  rc = 1.1, wrc = 1.1 | rs = 0.05, wrs = 1.1  rc = 0.21, wrc = 1.1 | rs = 0.05, wrs = 1.1  rc = 0.2, wrc = 1.1 | rs = 1.1, wrs = 1.1  rc = 1.1, wrc = 1.1 |
| Pendigits  Rf = 0.2  T = 5000 | Rb = 0.01, wrb = 1.1 | rs = 0.01, wrs = 1.1  rc = 1.1, wrc = 1.1 | rs = 0.05, wrs = 1.1  rc = 0.21, wrc = 1.1 | rs = 0.05, wrs = 1.1  rc = 0.2, wrc = 1.1 | rs = 1.1, wrs = 1.1  rc = 1.1, wrc = 1.1 |
| Zipcode  Rf = 0.05  T = 5000 | Rb = 0.01, wrb = 1.1 | rs = 0.01, wrs = 1.1  rc = 1.1, wrc = 1.1 | rs = 0.05, wrs = 1.1  rc = 0.21, wrc = 1.1 | rs = 0.05, wrs = 1.1  rc = 0.2, wrc = 1.1 | rs = 1.1, wrs = 1.1  rc = 1.1, wrc = 1.1 |
| Letter4k  Rf = 0.2  T = 5000 | Rb = 0.01, wrb = 1.1 | rs = 0.01, wrs = 1.1  rc = 1.1, wrc = 1.1 | rs = 0.13, wrs = 1.1  rc = 0.08, wrc = 1.1 | rs = 0.05, wrs = 1.1  rc = 0.2, wrc = 1.1 | rs = 1.1, wrs = 1.1  rc = 1.1, wrc = 1.1 |
| Isolet  Rf = 0.0514  T = 5000 | Rb = 0.01, wrb = 1.1 | rs = 0.01, wrs = 1.1  rc = 1.1, wrc = 1.1 | rs = 0.13, wrs = 1.1  rc = 0.08, wrc = 1.1 | rs = 0.05, wrs = 1.1  rc = 0.2, wrc = 1.1 | rs = 1.1, wrs = 1.1  rc = 1.1, wrc = 1.1 |
| Mnist10k  Rf = 0.031  T = 5000 | Rb = 0.01, wrb = 1.1 | rs = 0.01, wrs = 1.1  rc = 1.1, wrc = 1.1 | rs = 0.05, wrs = 1.1  rc = 0.21, wrc = 1.1 |  |  |
| Timit.mfcc.winSz11  Rf = |  |  | Rs = 0.9150, wrs = 1.1  Rc = 0.011, wrc = 1.1 |  |  |