Test Set Confusion Matrix, Log Loss = 0.507  $\mu$ -Lens-Single **-** 300000 TDE EΒ **-** 250000 SNII SNIax Mira -200000 SNIbc Actual ΚN **-** 150000 M-dwarf SNIa-91bg **-** 100000 AGN SNIa - 50000 RRL SLSN-I -0 SNIST DE Nira to SNIA ⟨⟨⟩ SNI

Predicted