Confusion Matrix on Full Time Series 0.8 0.01 0.05 0.04 0.01 0.06 0.02 0 0.01 0 0 0 SNIa -0.93 0.01 0 0.01 0.02 0.02 0.01 0.01 0 0 0 SNIa-91bg 0 0 0.02 0.02 0.02 0.01 0.01 SNIax -0.11 0.77 0.02 0.01 0 0 0 0.02 0.59 0.12 0.02 0.04 0.01 0.07 0.01 0 SNIb-0.11 0 **Predicted Class** 0.03 0.01 0.09 0.7 0.01 0.06 0.03 0.01 0.05 0 0 0 SNIc 0.01 0.07 0.05 0.11 0.51 0.02 0.04 0 SNIc-BL-0.2 0 0 0 0.88 0.01 0 0.02 0.01 0.02 0 0.04 0 0 0 0 SNII 0.01 0.07 0.04 0.01 0 0.81 0.04 0 0.01 0 0 0 SNIIn -0.02 0.14 0.06 0.01 0.04 0.01 0 0 0 0.04 0.03 0.64 **SNIIb** 0.95 0 0 0 0.01 0 0 0 0.01 0.03 0 0 TDE -0 0 0 0.98 0.01 0 0 0 0 0 0 0 SLSN-I-0.99 0 0 0 0 0 0 0 0 0 0 0 AGN-SLSN-I SNIa SNIax SNIb SNIC SNII SNIIn SNIIb TDE AGN SNIa-91bg SNIC-BL

True Class