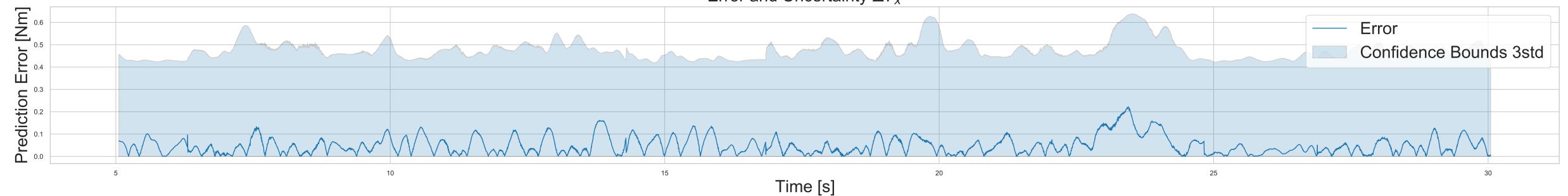
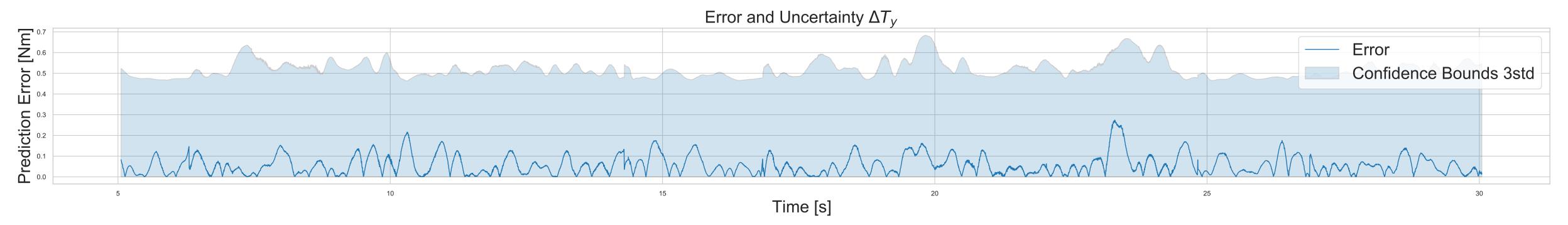
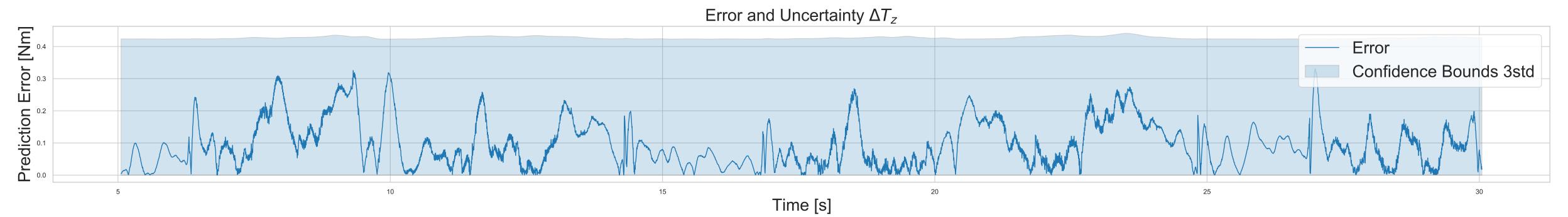


Error Uncertainty on the TEST set BAG3 Error and Uncertainty ΔT_x





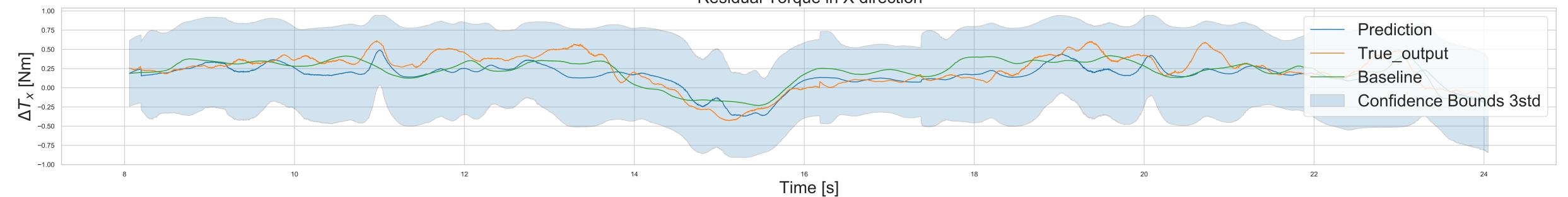


Error - Var Heatmap Torque X **-** 1.0 0.2233 0.2061 0.189 **-** 0.8 0.1718 0.1546 0.1374 - 0.6 0.1203 0.1031 - 0.4 0.0859 0.0687 0.0515 - 0.2 0.0344 0.0172 0.0 Variance 0.0195 0.0266 0.0372 0.0408 0.0443 0.0231 0.0301

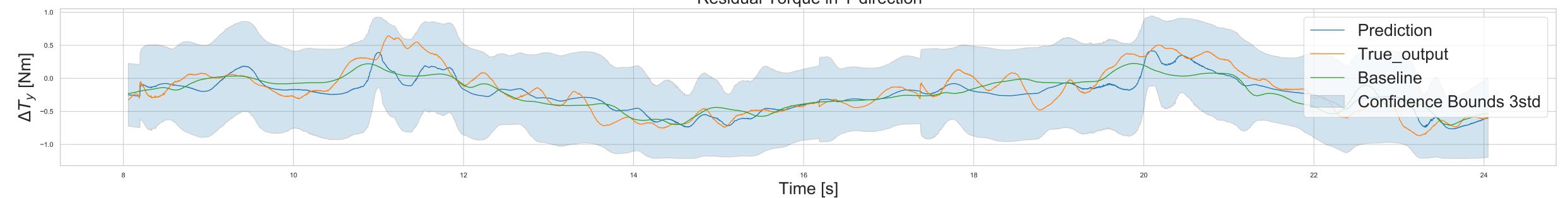
Error - Var Heatmap Torque Y **-** 1.0 0.2745 0.2534 0.2323 **-** 0.8 0.2111 0.19 0.1689 - 0.6 0.1478 0.1267 - 0.4 0.1056 0.0845 0.0633 - 0.2 0.0422 0.0211 0.0 \text{\vec{g}}{\text{\text{g}}} 0.0238 0.0315 0.0354 0.0432 0.0277 0.0471 0.051

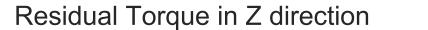
Error - Var Heatmap Torque Z **-** 1.0 0.3306 0.3052 0.2797 **-** 0.8 0.2543 0.2289 0.2034 - 0.6 0.178 0.1526 **-** 0.4 0.1272 0.1017 0.0763 - 0.2 0.0509 0.0255 0.0 Variance 0.0199 0.0203 0.0206 0.0201

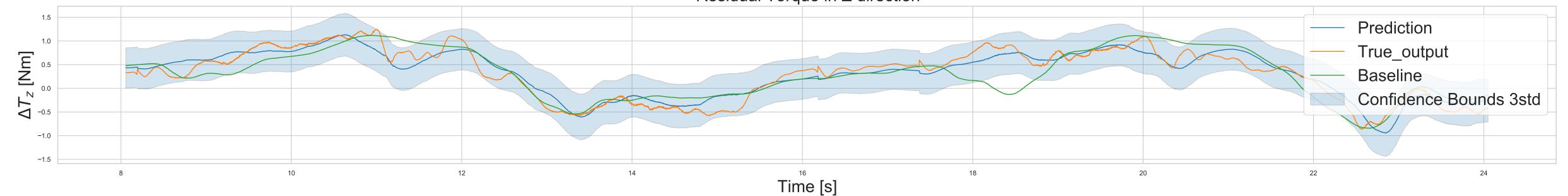
Predictions on the TEST set BAG15 Residual Torque in X direction



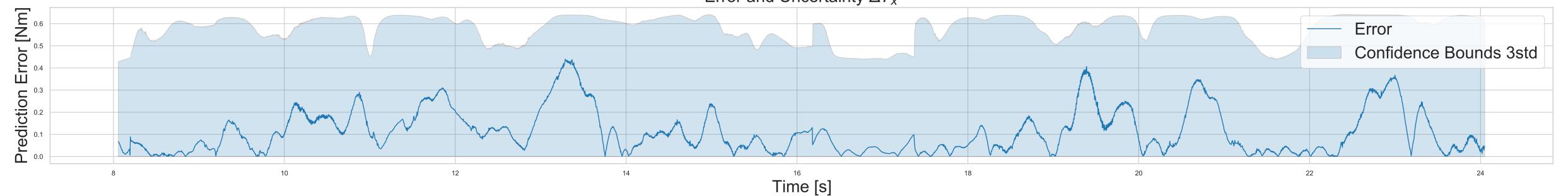
Residual Torque in Y direction

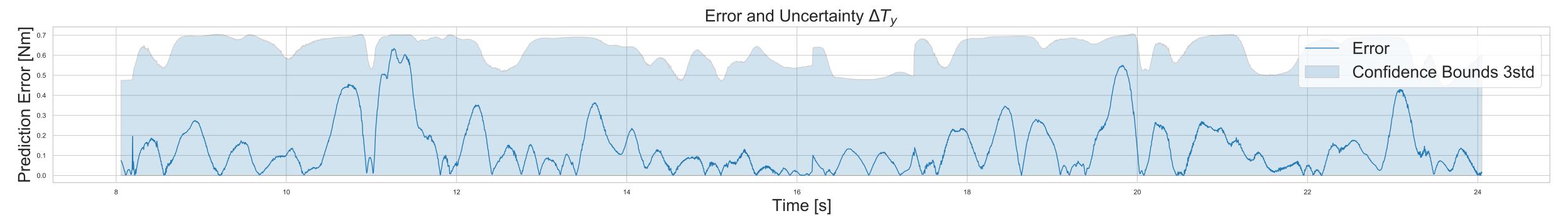






Predictions on the TEST set BAG15 Error and Uncertainty ΔT_x





Error and Uncertainty ΔT_z Confidence Bounds 3std Time [s]

Error - Var Heatmap Torque X **-** 1.0 0.44 0.4062 0.3723 **-** 0.8 0.3385 0.3046 0.2708 - 0.6 0.2369 0.2031 **-** 0.4 0.1692 0.1354 0.1015 - 0.2 0.0677 0.0338 0.0 Variance § 0.0204 0.0239 0.0274 0.0309 0.0379 0.0413 0.0448

Error - Var Heatmap Torque Y **-** 1.0 0.6332 0.5845 0.5358 **-** 0.8 0.4871 0.4384 0.3897 - 0.6 0.341 0.2923 - 0.4 0.2436 0.1949 0.1462 - 0.2 0.0975 0.0488 0.0001 Variance 0.0543 0.0223 0.0269 0.0314 0.0451 0.0497

Error - Var Heatmap Torque Z **-** 1.0 0.4586 0.4233 0.388 **-** 0.8 0.3527 0.3175 0.2822 - 0.6 0.2469 0.2116 **-** 0.4 0.1764 0.1411 0.1058 - 0.2 0.0706 0.0353 0.0 Variance 0.0199 0.0209 0.0219 0.0229 0.0258 0.0268