CAGMon Run Test

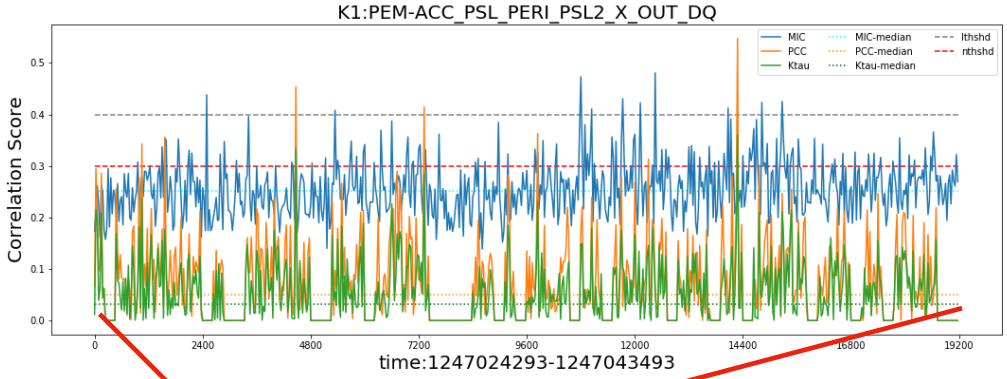
KAGRA ER2

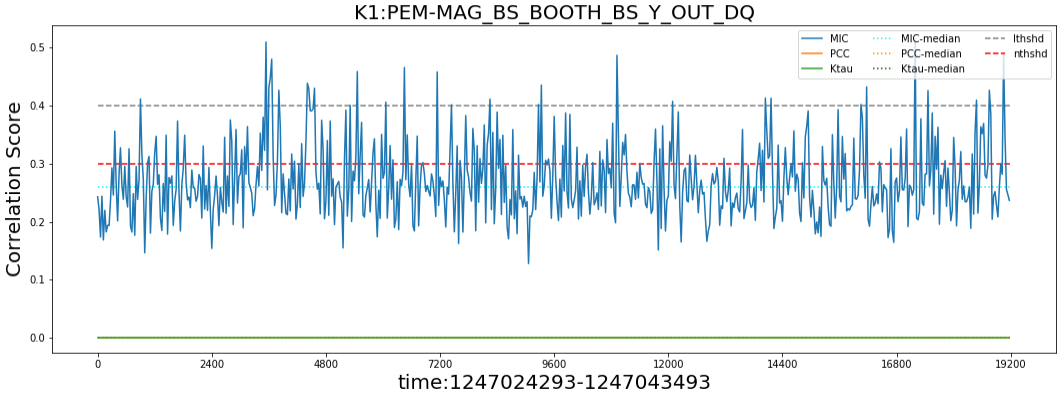
July 13, 2019 03:37:55-08:57:55

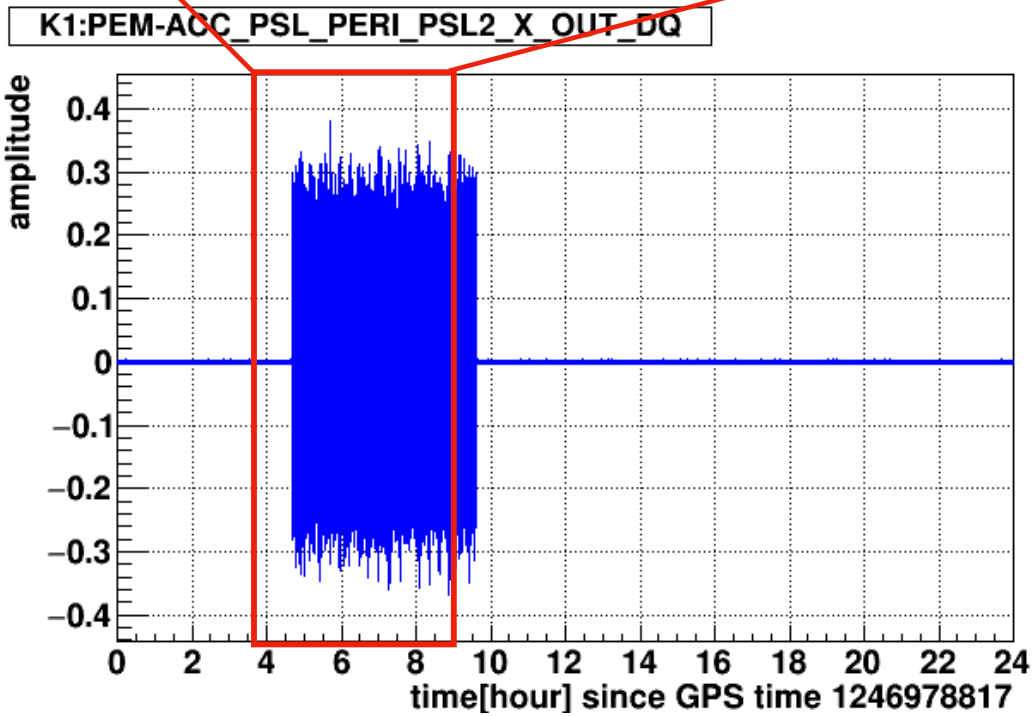
2020. 6. 3

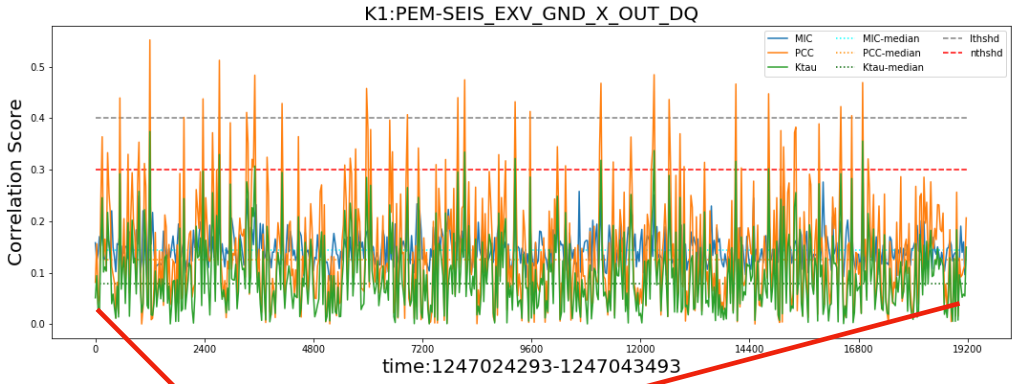
1247024293 - 03:37:55 July 13 2019

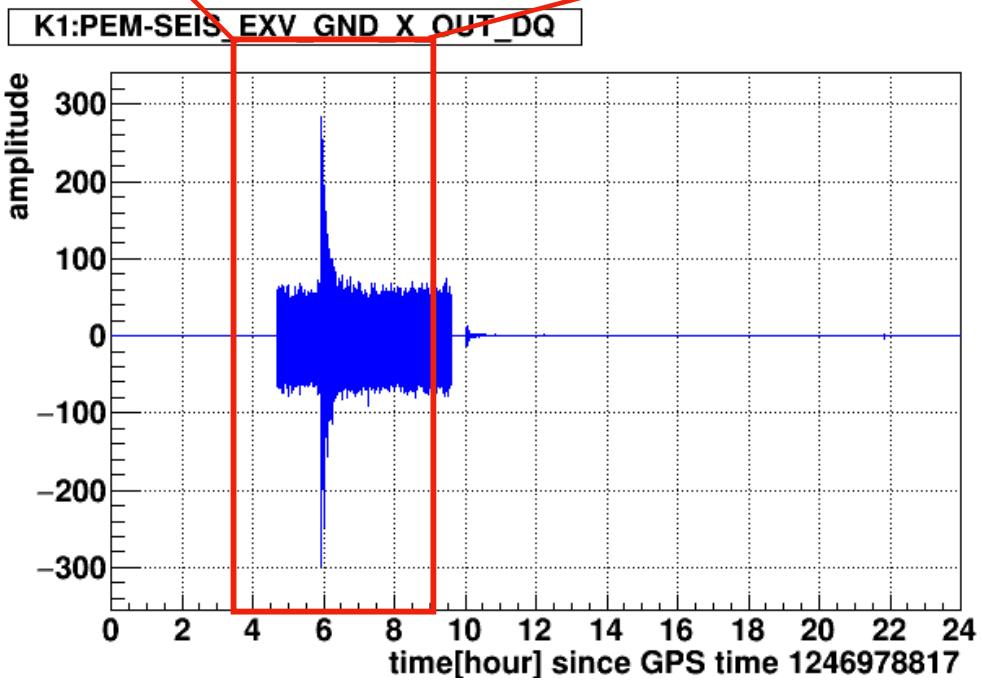
1247043493 - 08:57:55 July 13 2019








K1:PEM-SEIS_EXV_GND_X_OUT_DQ
MIC
PCC
Ktau
MIC-median
PCC-median
Ktau-median
lthshd
nthshd
Correlation Score
time:1247024293-1247043493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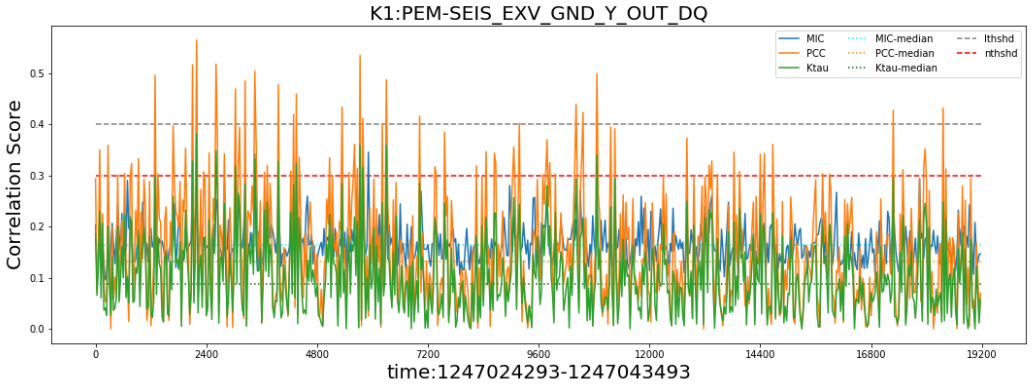
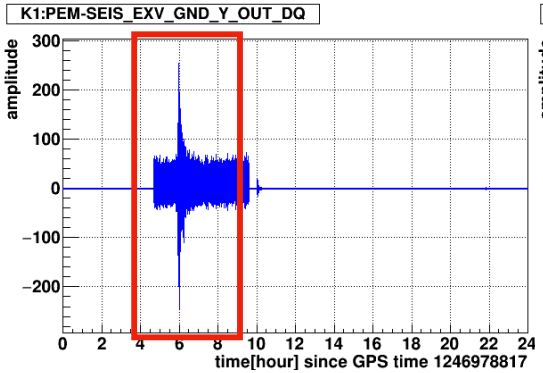
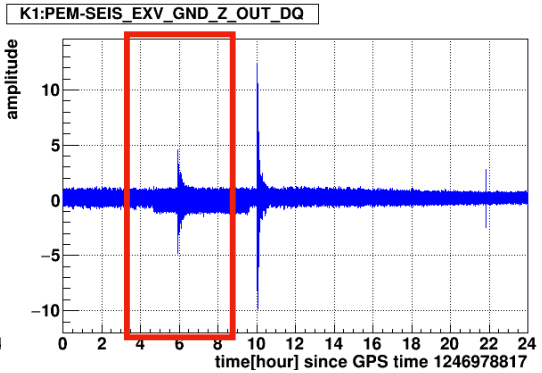
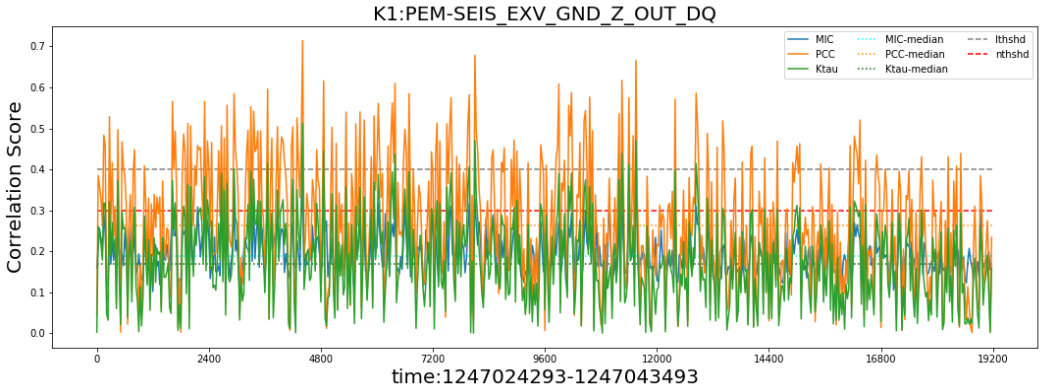
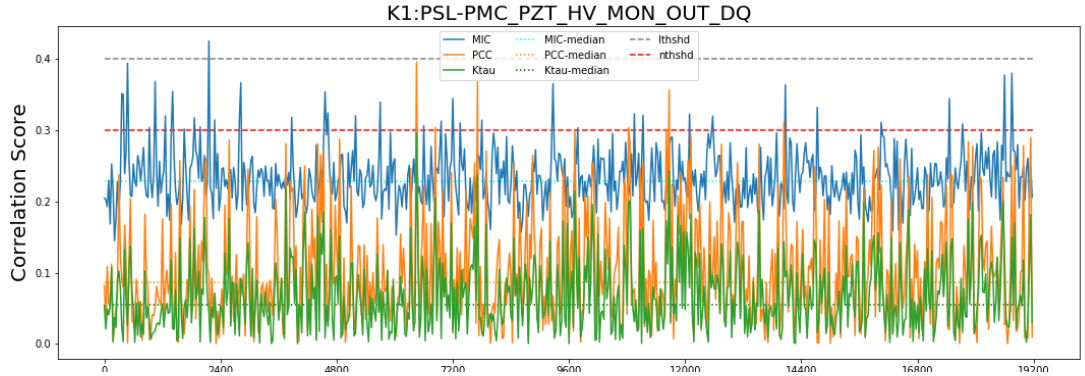
amplitude
time[hour] since GPS time 1246978817

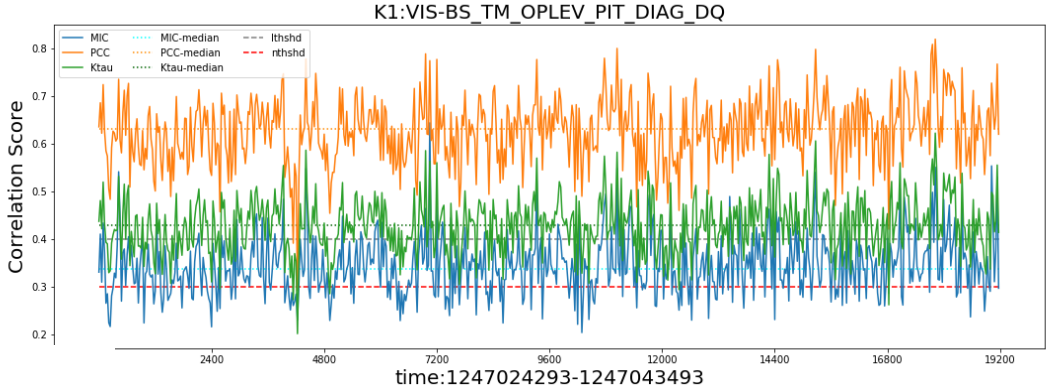

K1:PEM-SEIS_EXV_GND_Y_OUT_DQ
MIC
PCC
Ktau
MIC-median
PCC-median
Ktau-median
lthshd
nthshd
Correlation Score
time:1247024293-1247043493

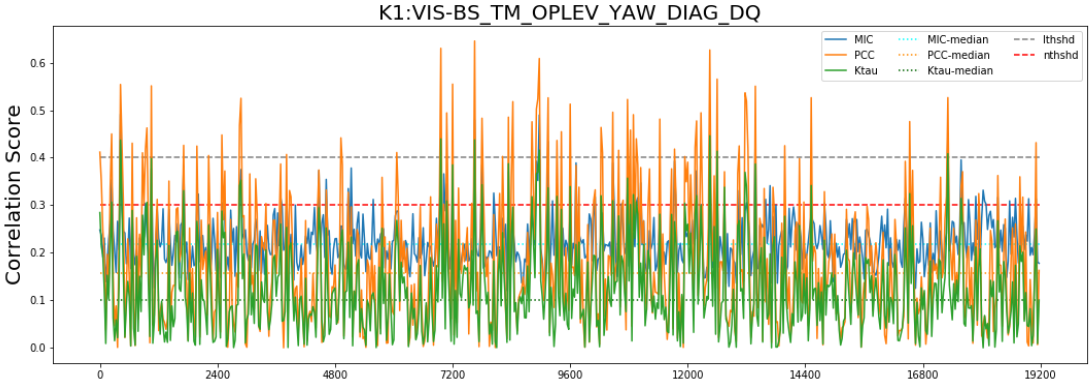

K1:PEM-SEIS_EXV_GND_Y_OUT_DQ
amplitude
time[hour] since GPS time 1246978817

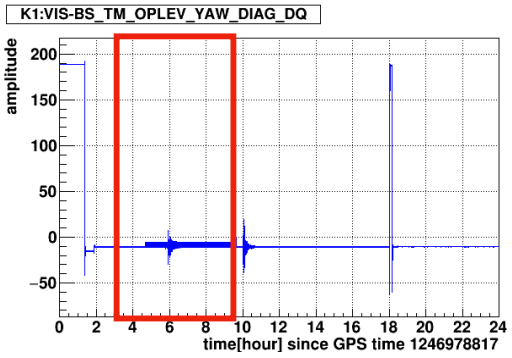

K1:PEM-SEIS_EXV_GND_Z_OUT_DQ
amplitude
time[hour] since GPS time 1246978817

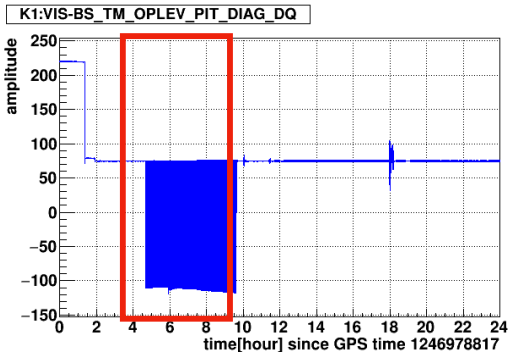

K1:PEM-SEIS_EXV_GND_Z_OUT_DQ
MIC
PCC
Ktau
MIC-median
PCC-median
Ktau-median
lthshd
nthshd
Correlation Score
time:1247024293-1247043493

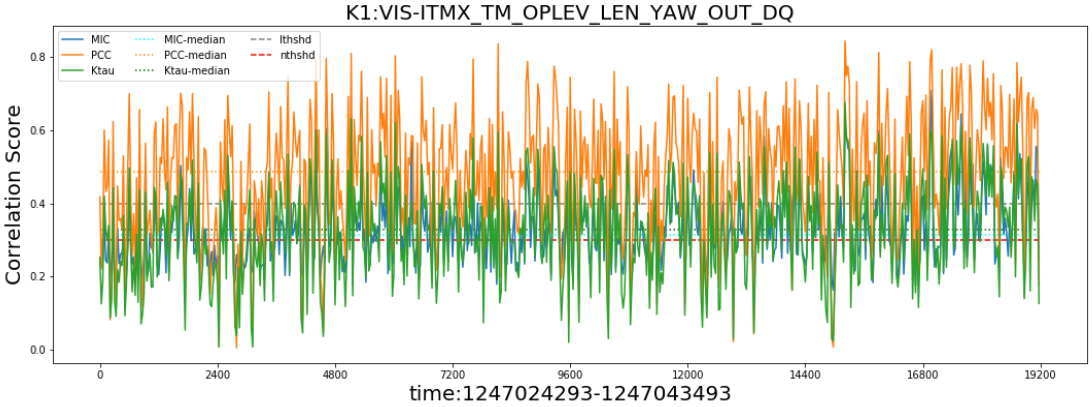

K1:PSL-PMC_PZT_HV_MON_OUT_DQ
MIC
PCC
Ktau
MIC-median
PCC-median
Ktau-median
lthshd
nthshd
Correlation Score

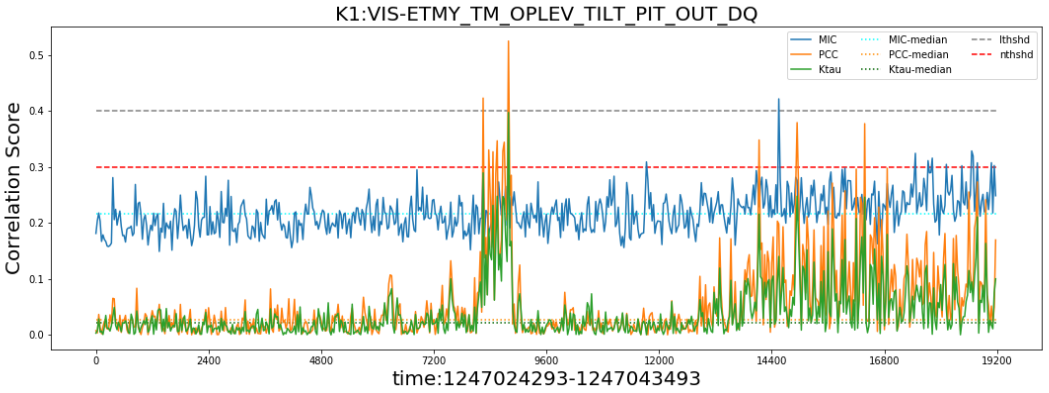

K1:VIS-BS_TM_OPLEV_PIT_DIAG_DQ
MIC
PCC
Ktau
MIC-median
PCC-median
Ktau-median
lthshd
nthshd
Correlation Score
time:1247024293-1247043493

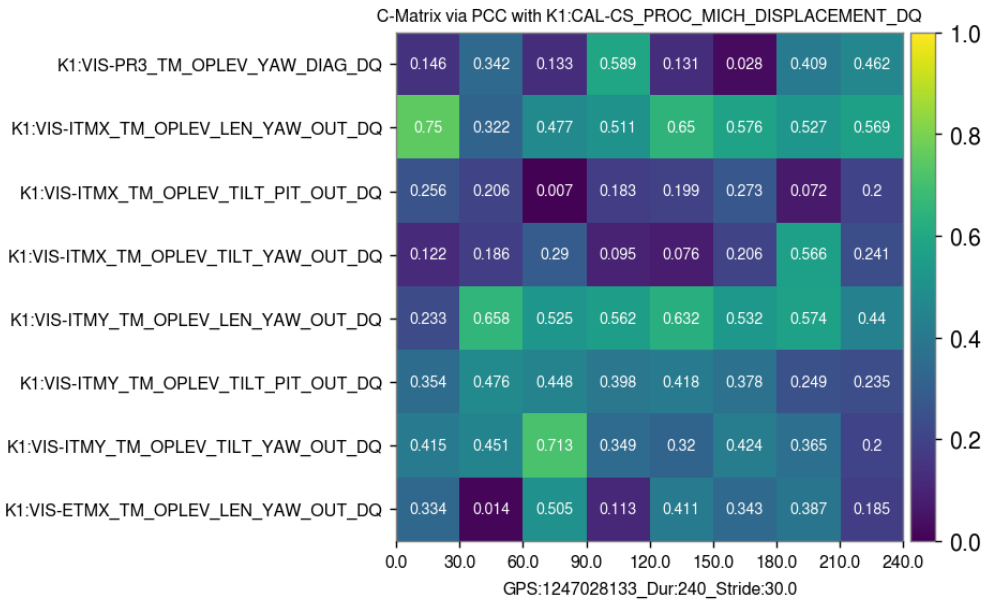

K1:VIS-BS_TM_OPLEV_YAW_DIAG_DQ
MIC
PCC
Ktau
MIC-median
PCC-median
Ktau-median
lthshd
nthshd
Correlation Score

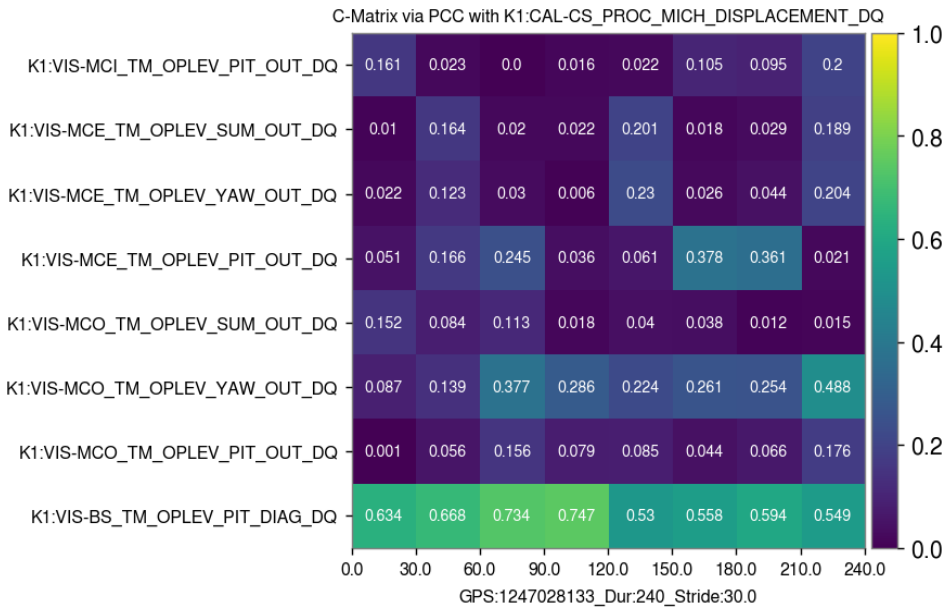

K1:VIS-BS_TM_OPLEV_YAW_DIAG_DQ
amplitude
time[hour] since GPS time 1246978817

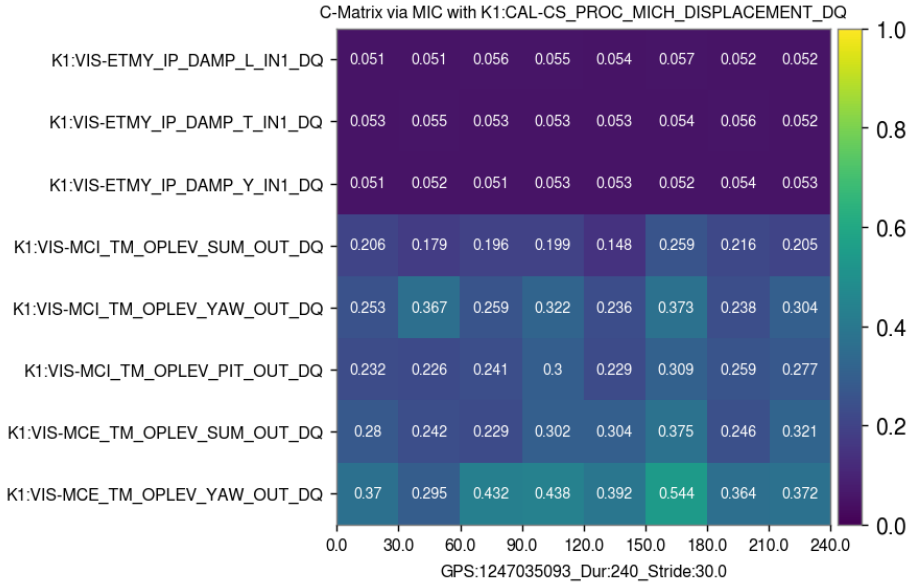

K1:VIS-BS_TM_OPLEV_PIT_DIAG_DQ
amplitude
time[hour] since GPS time 1246978817

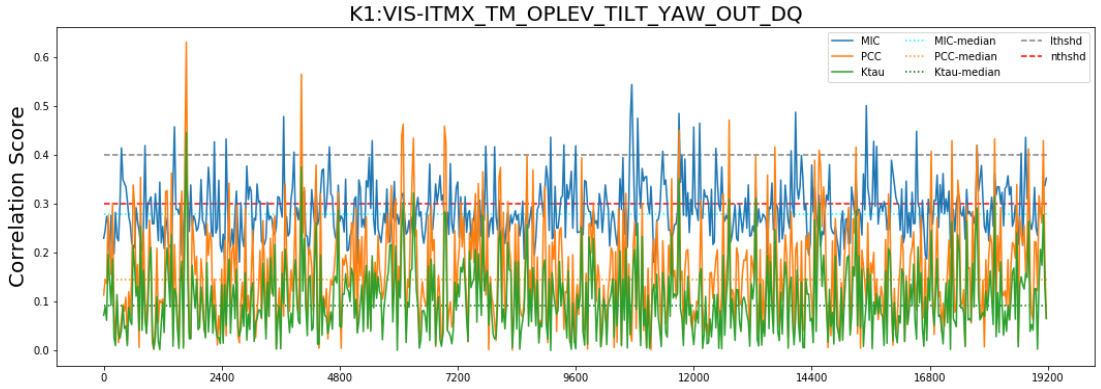

K1:VIS-ITMX_TM_OPLEV_LEN_YAW_OUT_DQ
MIC
PCC
Ktau
MIC-median
PCC-median
Ktau-median
lthshd
nthshd
Correlation Score
time:1247024293-1247043493

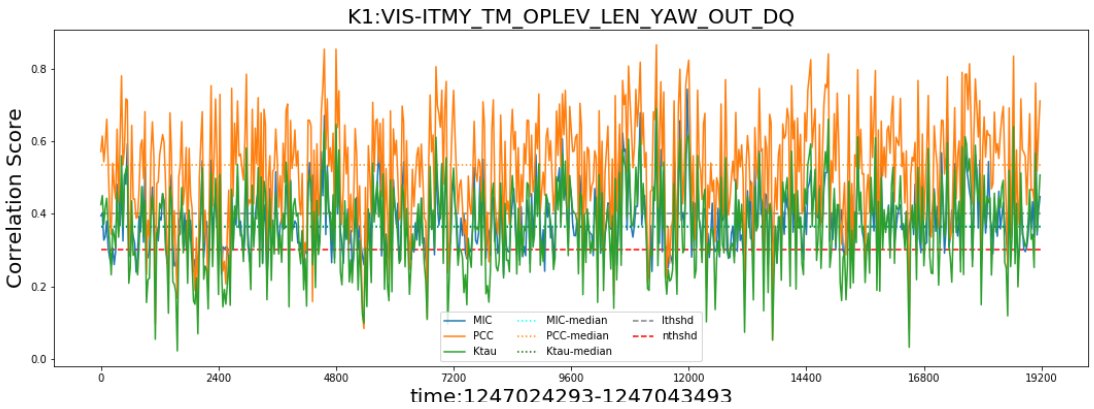

K1:VIS-ETMY_TM_OPLEV_TILT_PIT_OUT_DQ
MIC
PCC
Ktau
MIC-median
PCC-median
Ktau-median
lthshd
nthshd
Correlation Score
time:1247024293-1247043493

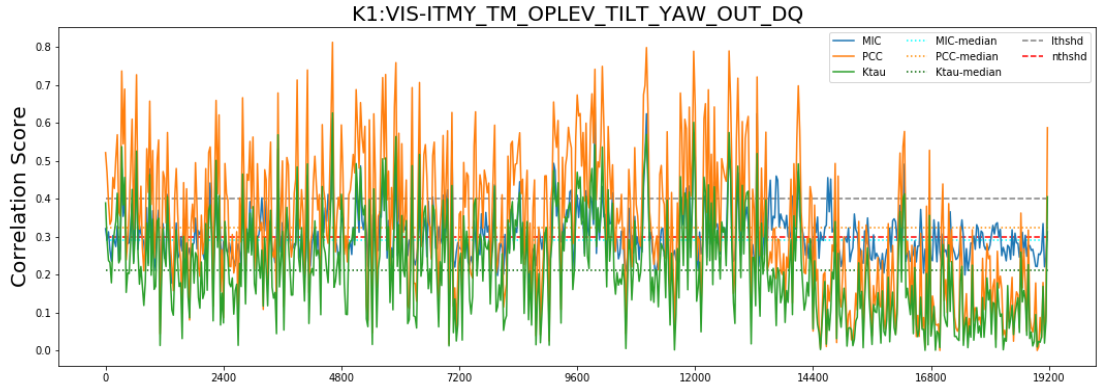

C-Matrix via PCC with K1:CAL-CS_PROC_MICH_DISPLACEMENT_DQ
K1:VIS-PR3_TM_OPLEV_YAW_DIAG_DQ 0.146 0.342 0.133 0.589 0.131 0.028 0.409 0.462
K1:VIS-ITMX_TM_OPLEV_LEN_YAW_OUT_DQ 0.75 0.322 0.477 0.511 0.65 0.576 0.527 0.569
K1:VIS-ITMX_TM_OPLEV_TILT_PIT_OUT_DQ 0.256 0.206 0.007 0.183 0.199 0.273 0.072 0.2
K1:VIS-ITMX_TM_OPLEV_TILT_YAW_OUT_DQ 0.122 0.186 0.29 0.095 0.076 0.206 0.566 0.241
K1:VIS-ITMY_TM_OPLEV_LEN_YAW_OUT_DQ 0.233 0.658 0.525 0.562 0.632 0.532 0.574 0.44
K1:VIS-ITMY_TM_OPLEV_TILT_PIT_OUT_DQ 0.354 0.476 0.448 0.398 0.418 0.378 0.249 0.235
K1:VIS-ITMY_TM_OPLEV_TILT_YAW_OUT_DQ 0.415 0.451 0.713 0.349 0.32 0.424 0.365 0.2
K1:VIS-ETMX_TM_OPLEV_LEN_YAW_OUT_DQ 0.334 0.014 0.505 0.113 0.411 0.343 0.387 0.185
0.0 30.0 60.0 90.0 120.0 150.0 180.0 210.0 240.0
GPS:1247028133_Dur:240_Stride:30.0
1.0 0.8 0.6 0.4 0.2 0.0

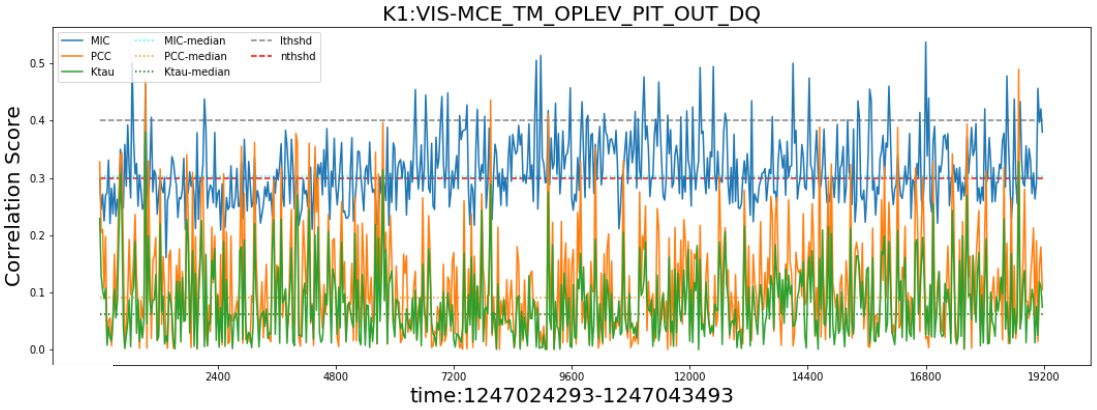

C-Matrix via PCC with K1:CAL-CS_PROC_MICH_DISPLACEMENT_DQ
K1:VIS-MCI_TM_OPLEV_PIT_OUT_DQ 0.161 0.023 0.0 0.016 0.022 0.105 0.095 0.2
K1:VIS-MCE_TM_OPLEV_SUM_OUT_DQ 0.01 0.164 0.02 0.022 0.201 0.018 0.029 0.189
K1:VIS-MCE_TM_OPLEV_YAW_OUT_DQ 0.022 0.123 0.03 0.006 0.23 0.026 0.044 0.204
K1:VIS-MCE_TM_OPLEV_PIT_OUT_DQ 0.051 0.166 0.245 0.036 0.061 0.378 0.361 0.021
K1:VIS-MCO_TM_OPLEV_SUM_OUT_DQ 0.152 0.084 0.113 0.018 0.04 0.038 0.012 0.015
K1:VIS-MCO_TM_OPLEV_YAW_OUT_DQ 0.087 0.139 0.377 0.286 0.224 0.261 0.254 0.488
K1:VIS-MCO_TM_OPLEV_PIT_OUT_DQ 0.001 0.056 0.156 0.079 0.085 0.044 0.066 0.176
K1:VIS-BS_TM_OPLEV_PIT_DIAG_DQ 0.634 0.668 0.734 0.747 0.53 0.558 0.594 0.549
0.0 30.0 60.0 90.0 120.0 150.0 180.0 210.0 240.0
GPS:1247028133_Dur:240_Stride:30.0
1.0 0.8 0.6 0.4 0.2 0.0

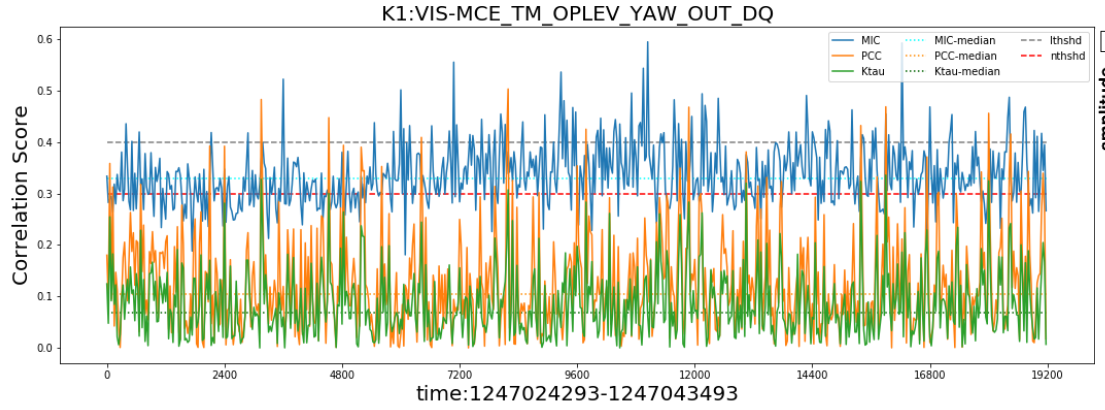

C-Matrix via MIC with K1:CAL-CS_PROC_MICH_DISPLACEMENT_DQ
K1:VIS-ETMY_IP_DAMP_L_IN1_DQ 0.051 0.051 0.056 0.055 0.054 0.057 0.052 0.052
K1:VIS-ETMY_IP_DAMP_T_IN1_DQ 0.053 0.055 0.053 0.053 0.053 0.054 0.056 0.052
K1:VIS-ETMY_IP_DAMP_Y_IN1_DQ 0.051 0.052 0.051 0.053 0.053 0.052 0.054 0.053
K1:VIS-MCI_TM_OPLEV_SUM_OUT_DQ 0.206 0.179 0.196 0.199 0.148 0.259 0.216 0.205
K1:VIS-MCI_TM_OPLEV_YAW_OUT_DQ 0.253 0.367 0.259 0.322 0.236 0.373 0.238 0.304
K1:VIS-MCI_TM_OPLEV_PIT_OUT_DQ 0.232 0.226 0.241 0.3 0.229 0.309 0.259 0.277
K1:VIS-MCE_TM_OPLEV_SUM_OUT_DQ 0.28 0.242 0.229 0.302 0.304 0.375 0.246 0.321
K1:VIS-MCE_TM_OPLEV_YAW_OUT_DQ 0.37 0.295 0.432 0.438 0.392 0.544 0.364 0.372
0.0 30.0 60.0 90.0 120.0 150.0 180.0 210.0 240.0
GPS:1247035093_Dur:240_Stride:30.0
1.0 0.8 0.6 0.4 0.2 0.0

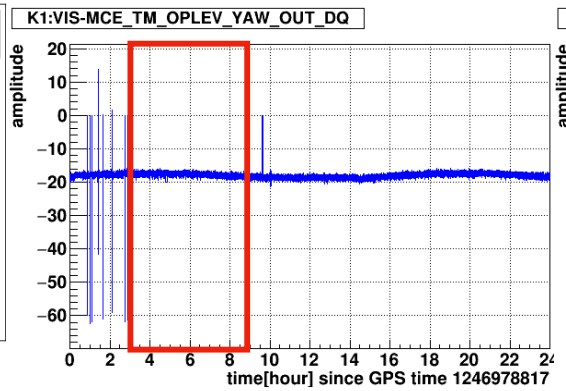

K1:VIS-ITMX_TM_OPLEV_TILT_YAW_OUT_DQ
Correlation Score
MIC
PCC
Ktau
MIC-median
PCC-median
Ktau-median
lthshd
nthshd

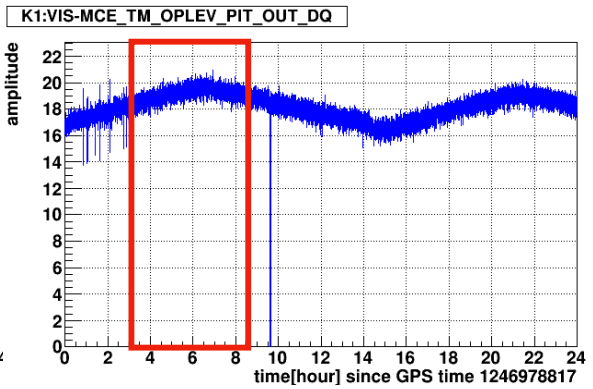

K1:VIS-ITMY_TM_OPLEV_LEN_YAW_OUT_DQ
Correlation Score
MIC
PCC
Ktau
MIC-median
PCC-median
Ktau-median
lthshd
nthshd
time:1247024293-1247043493


K1:VIS-ITMY_TM_OPLEV_TILT_YAW_OUT_DQ
Correlation Score
MIC
PCC
Ktau
MIC-median
PCC-median
Ktau-median
lthshd
nthshd


K1:VIS-MCE_TM_OPLEV_PIT_OUT_DQ
Correlation Score
MIC
PCC
Ktau
MIC-median
PCC-median
Ktau-median
lthshd
nthshd
time:1247024293-1247043493


K1:VIS-MCE_TM_OPLEV_YAW_OUT_DQ
Correlation Score
MIC
PCC
Ktau
MIC-median
PCC-median
Ktau-median
lthshd
nthshd
time:1247024293-1247043493


K1:VIS-MCE_TM_OPLEV_YAW_OUT_DQ
amplitude
time[hour] since GPS time 1246978817


K1:VIS-MCE_TM_OPLEV_PIT_OUT_DQ
amplitude
time[hour] since GPS time 1246978817