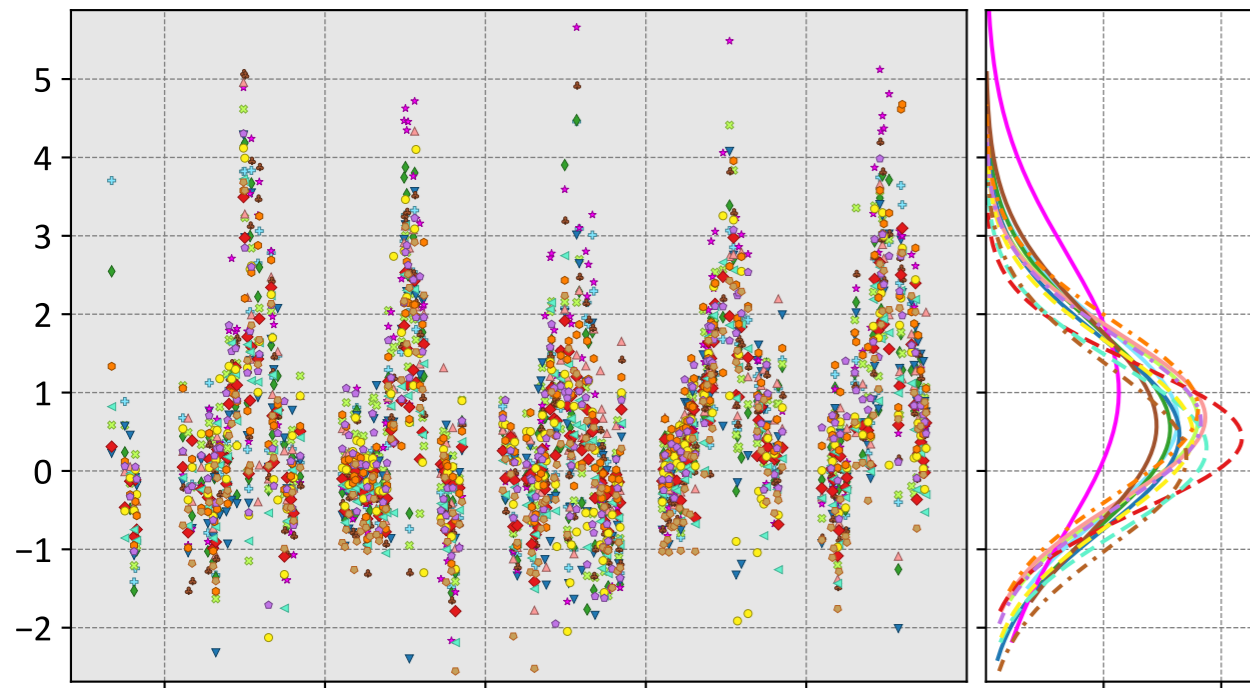


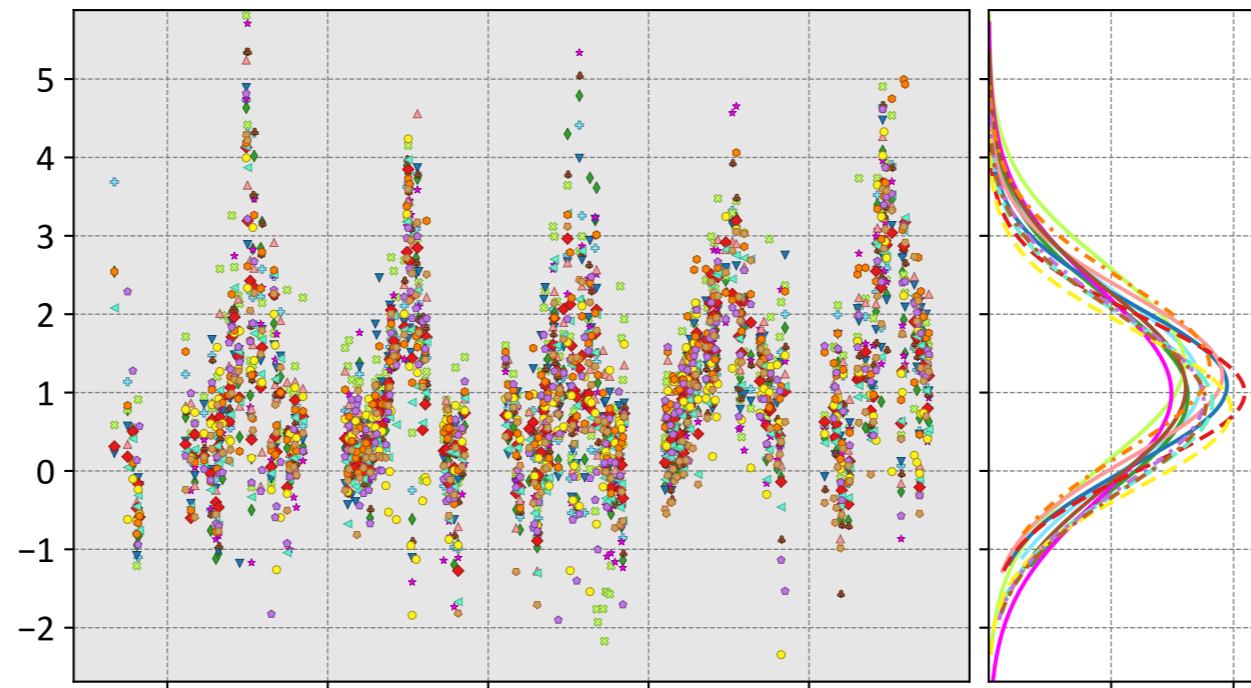
Rikubetsu, Hokkaido, Japan (3 day bins)

LNLGIS



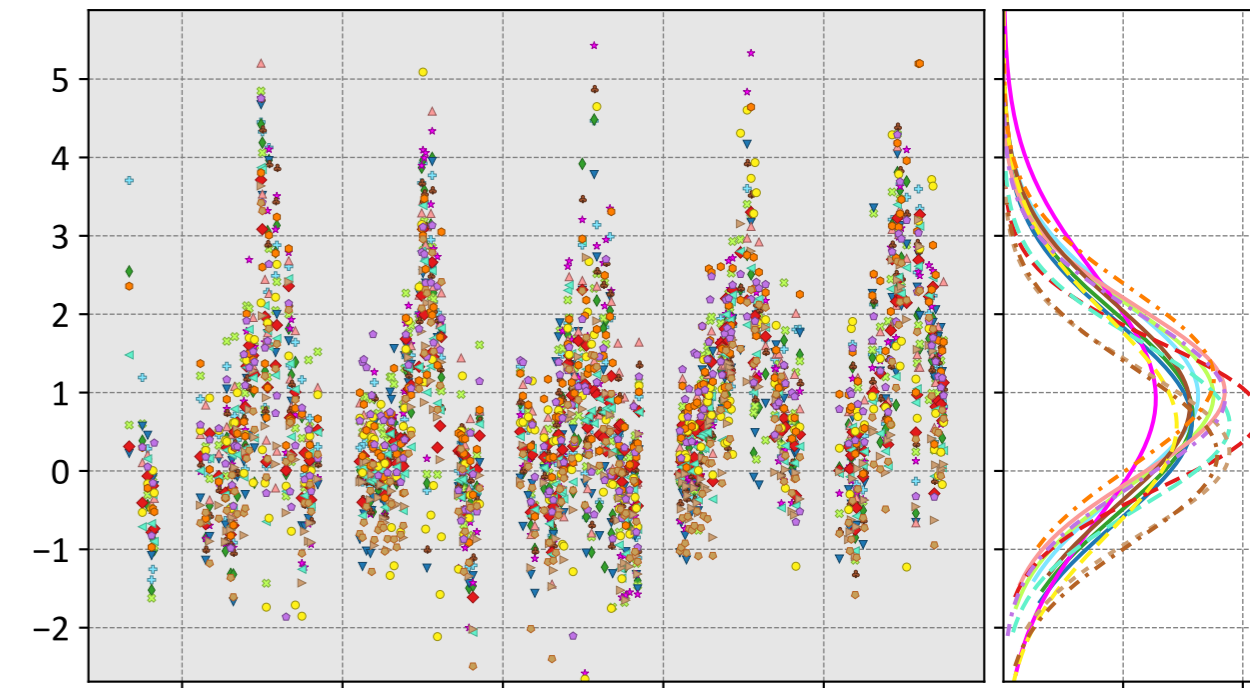
- | | | |
|-----------------------------|------------------------------|--------------------------|
| CSU (0.65, 1.38, 0.12) | WOMBAT (0.68, 1.27, 0.13) | CT (0.47, 1.23, 0.07) |
| Ames (0.54, 1.39, 0.14) | JHU (0.58, 1.49, 0.13) | CAMS (0.79, 1.36, 0.31) |
| COLA (0.66, 1.29, 0.10) | TM5-4DVAR (0.42, 1.01, 0.14) | Baker (0.62, 1.26, 0.16) |
| UT (0.47, 1.30, 0.17) | OU (0.30, 1.10, 0.11) | NIES (0.18, 1.18, 0.12) |
| CMS-Flux (1.01, 2.04, 0.18) | | |

OG



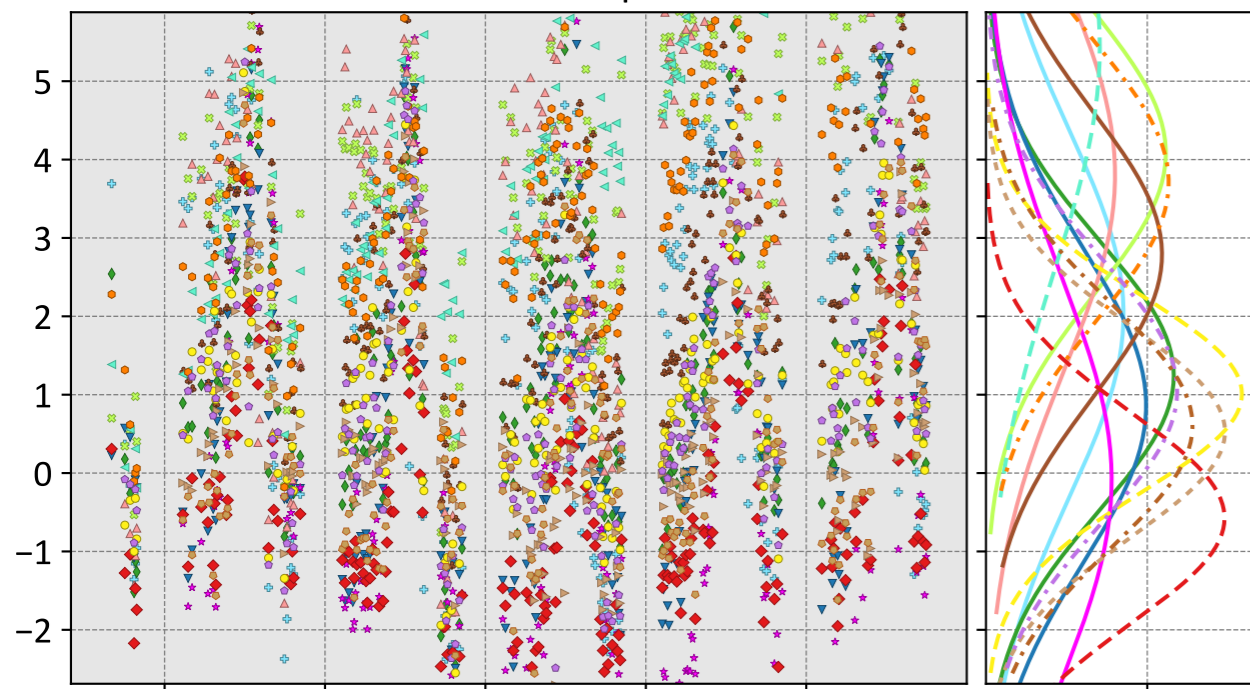
- | | | |
|-----------------------------|------------------------------|--------------------------|
| CSU (1.11, 1.60, 0.12) | WOMBAT (1.22, 1.60, 0.15) | CT (0.78, 1.27, 0.16) |
| Ames (0.96, 1.55, 0.14) | JHU (1.06, 1.63, 0.06) | CAMS (1.33, 1.73, 0.31) |
| COLA (1.37, 1.85, 0.13) | TM5-4DVAR (1.00, 1.38, 0.18) | Baker (0.91, 1.45, 0.21) |
| UT (1.09, 1.50, 0.21) | OU (0.87, 1.40, 0.17) | NIES (0.86, 1.42, 0.12) |
| CMS-Flux (0.99, 1.66, 0.13) | | |

LNLGOGIS



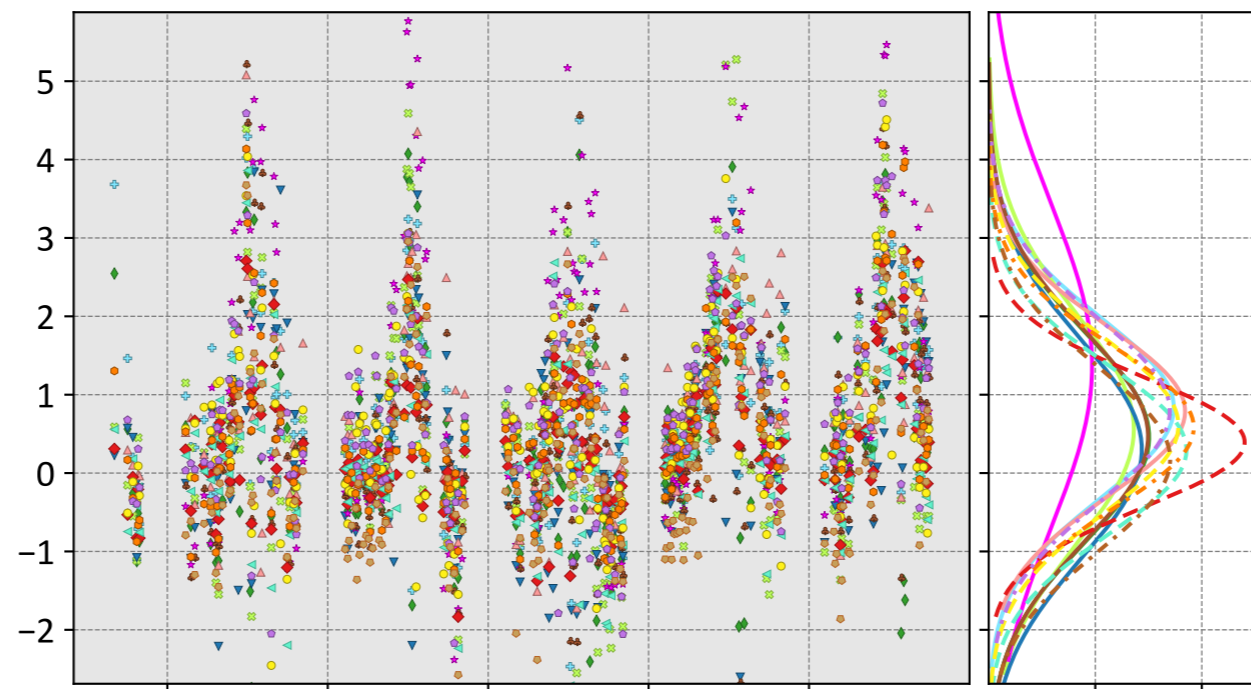
- | | | |
|-----------------------------|------------------------------|--------------------------|
| CSU (0.96, 1.56, 0.14) | WOMBAT (1.01, 1.48, 0.16) | Weir (0.24, 1.08, 0.15) |
| Ames (0.72, 1.45, 0.15) | JHU (0.83, 1.53, 0.14) | CAMS (1.19, 1.64, 0.31) |
| COLA (0.96, 1.49, 0.13) | TM5-4DVAR (0.71, 1.17, 0.18) | Baker (0.93, 1.43, 0.20) |
| UT (0.62, 1.41, 0.20) | OU (0.60, 1.21, 0.15) | NIES (0.20, 1.14, 0.13) |
| CMS-Flux (0.92, 1.82, 0.13) | CT (0.58, 1.50, 0.28) | |

prior



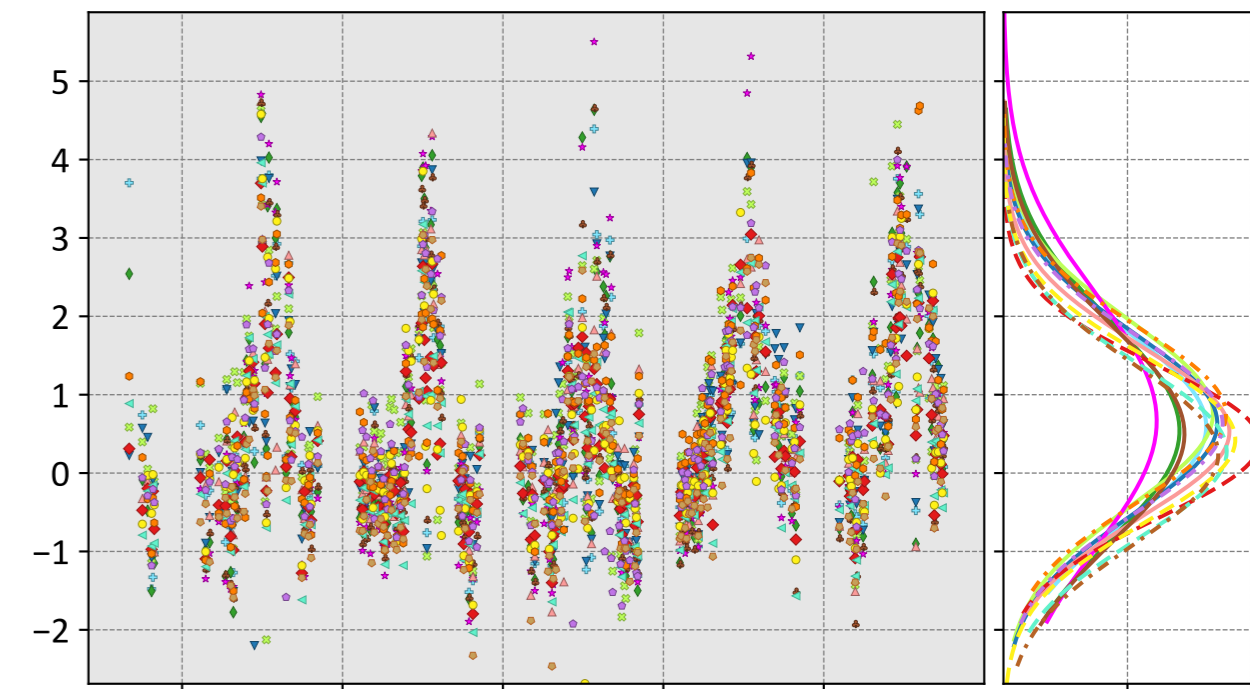
- | | | |
|-------------------------------|-------------------------------|--------------------------|
| CSU (2.03, 3.10, 0.07) | WOMBAT (3.80, 4.55, 0.76) | Weir (0.53, 1.45, -0.08) |
| Ames (1.24, 2.12, 0.09) | JHU (2.79, 3.33, 0.34) | CAMS (3.71, 4.11, 0.74) |
| COLA (4.08, 4.46, 0.70) | TM5-4DVAR (-0.57, 1.47, 0.02) | Baker (1.05, 1.98, 0.17) |
| UT (0.86, 2.19, 0.10) | OU (5.43, 6.12, 1.59) | NIES (0.60, 1.67, 0.17) |
| CMS-Flux (-0.08, 2.56, -0.47) | CT (1.01, 1.61, 0.14) | |

IS



- | | | |
|-----------------------------|------------------------------|--------------------------|
| CSU (0.83, 1.42, 0.14) | WOMBAT (0.79, 1.34, 0.20) | CT (0.61, 1.27, 0.16) |
| Ames (0.46, 1.40, 0.12) | JHU (0.47, 1.41, 0.09) | CAMS (0.58, 1.19, 0.23) |
| COLA (0.56, 1.57, 0.11) | TM5-4DVAR (0.39, 0.92, 0.16) | Baker (0.79, 1.42, 0.20) |
| UT (0.30, 1.42, 0.13) | OU (0.29, 1.11, 0.10) | NIES (0.18, 1.18, 0.14) |
| CMS-Flux (1.37, 2.47, 0.19) | | |

LNLG



- | | | |
|-----------------------------|------------------------------|--------------------------|
| CSU (0.59, 1.36, 0.12) | WOMBAT (0.53, 1.22, 0.09) | CT (0.43, 1.15, 0.05) |
| Ames (0.54, 1.51, 0.13) | JHU (0.50, 1.45, 0.13) | CAMS (0.75, 1.34, 0.31) |
| COLA (0.76, 1.40, 0.14) | TM5-4DVAR (0.40, 1.04, 0.14) | Baker (0.63, 1.29, 0.15) |
| UT (0.63, 1.32, 0.19) | OU (0.28, 1.14, 0.11) | NIES (0.24, 1.18, 0.18) |
| CMS-Flux (0.66, 1.75, 0.11) | | |

Model - TCCON XCO₂ (ppm)