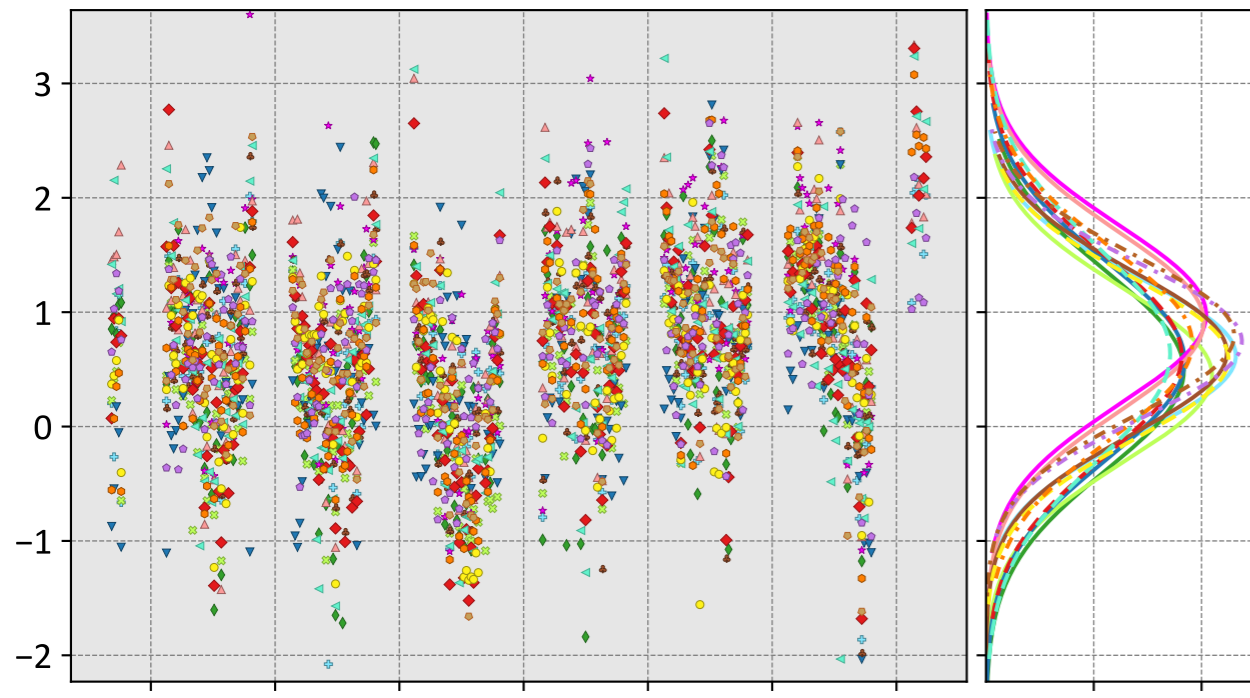


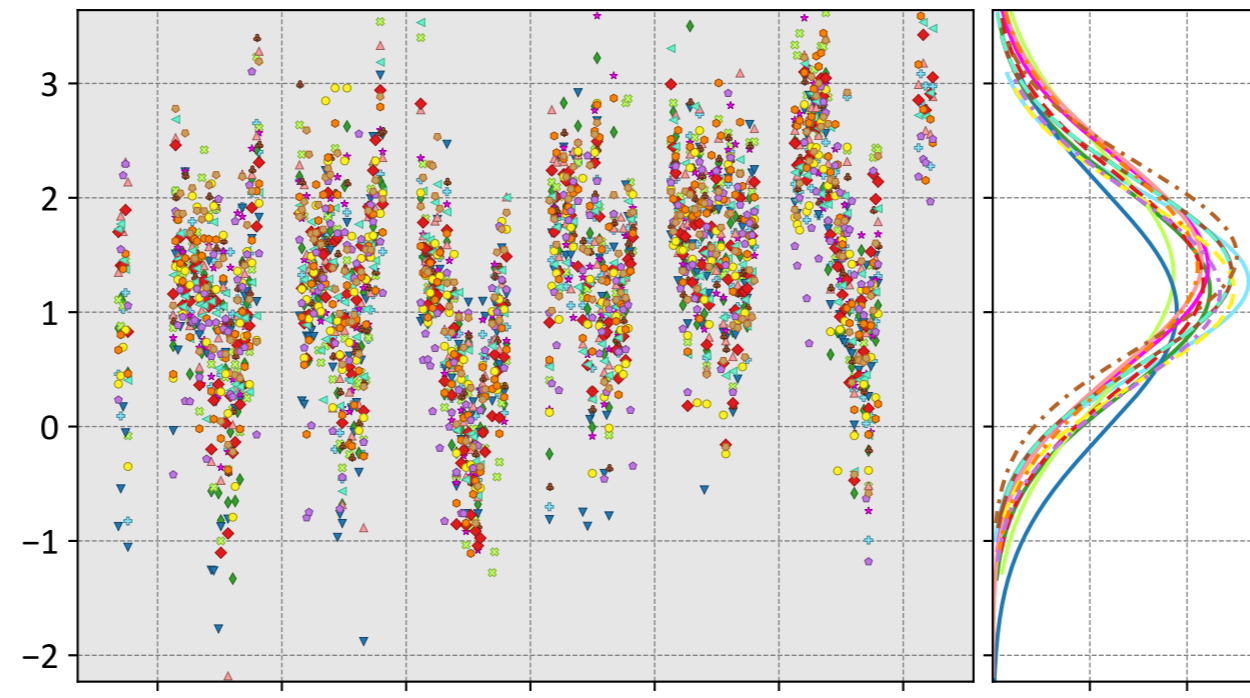
Garmisch, Bavaria, Germany (7 day bins)

LNLGIS



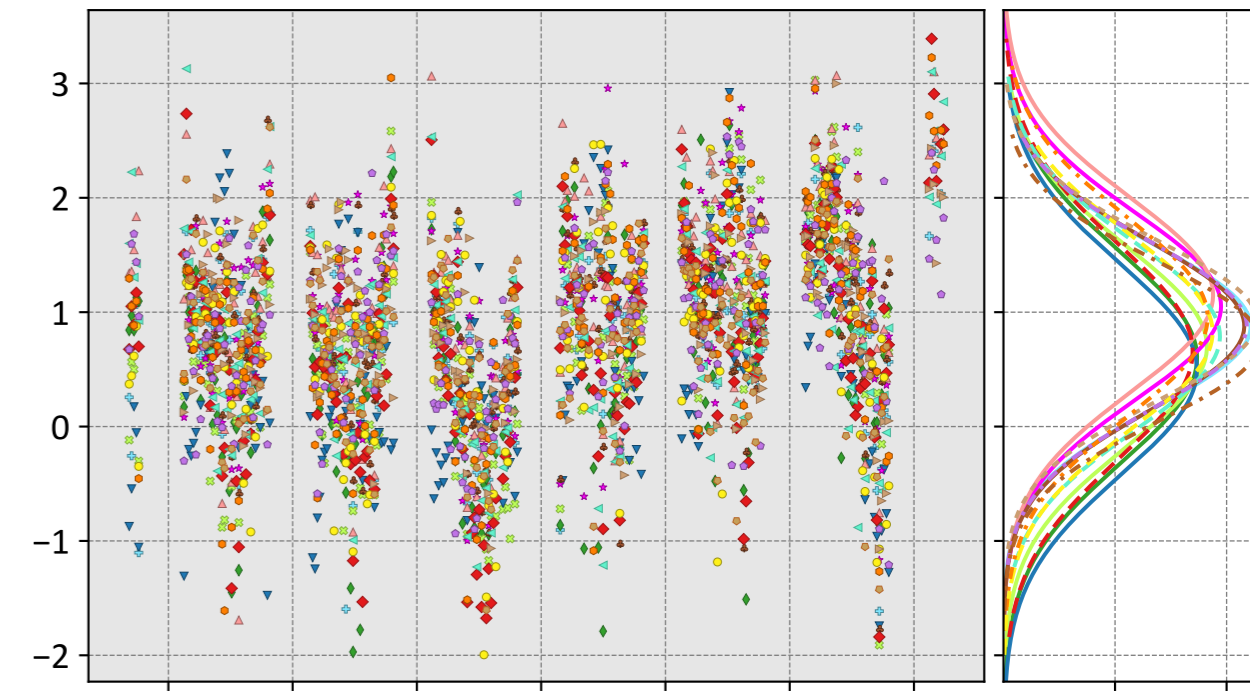
- |                             |                              |                          |
|-----------------------------|------------------------------|--------------------------|
| CSU (0.62, 0.93, 0.07)      | WOMBAT (0.92, 1.21, 0.08)    | CT (0.59, 0.92, 0.04)    |
| Ames (0.49, 1.00, 0.09)     | JHU (0.65, 0.96, 0.06)       | CAMS (0.73, 1.11, 0.21)  |
| COLA (0.45, 0.88, 0.16)     | TM5-4DVAR (0.62, 1.07, 0.12) | Baker (0.75, 1.00, 0.10) |
| UT (0.58, 1.04, 0.04)       | OU (0.64, 1.13, 0.07)        | NIES (0.80, 1.06, 0.02)  |
| CMS-Flux (0.98, 1.25, 0.11) |                              |                          |

OG



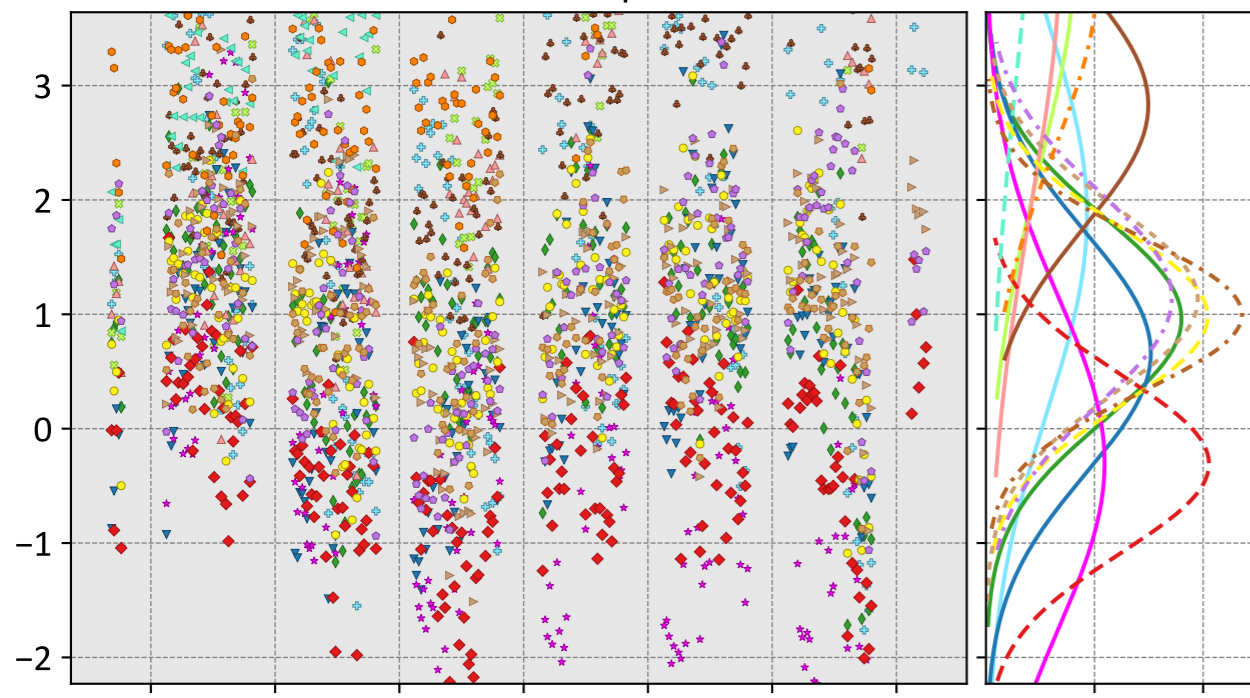
- |                             |                              |                          |
|-----------------------------|------------------------------|--------------------------|
| CSU (1.27, 1.48, 0.13)      | WOMBAT (1.44, 1.71, 0.18)    | CT (1.20, 1.44, 0.07)    |
| Ames (1.19, 1.49, 0.15)     | JHU (1.34, 1.57, 0.10)       | CAMS (1.39, 1.68, 0.22)  |
| COLA (1.33, 1.71, 0.21)     | TM5-4DVAR (1.26, 1.56, 0.16) | Baker (1.19, 1.46, 0.16) |
| UT (1.01, 1.46, 0.21)       | OU (1.34, 1.57, 0.14)        | NIES (1.49, 1.69, 0.04)  |
| CMS-Flux (1.40, 1.67, 0.11) |                              |                          |

LNLGOGIS



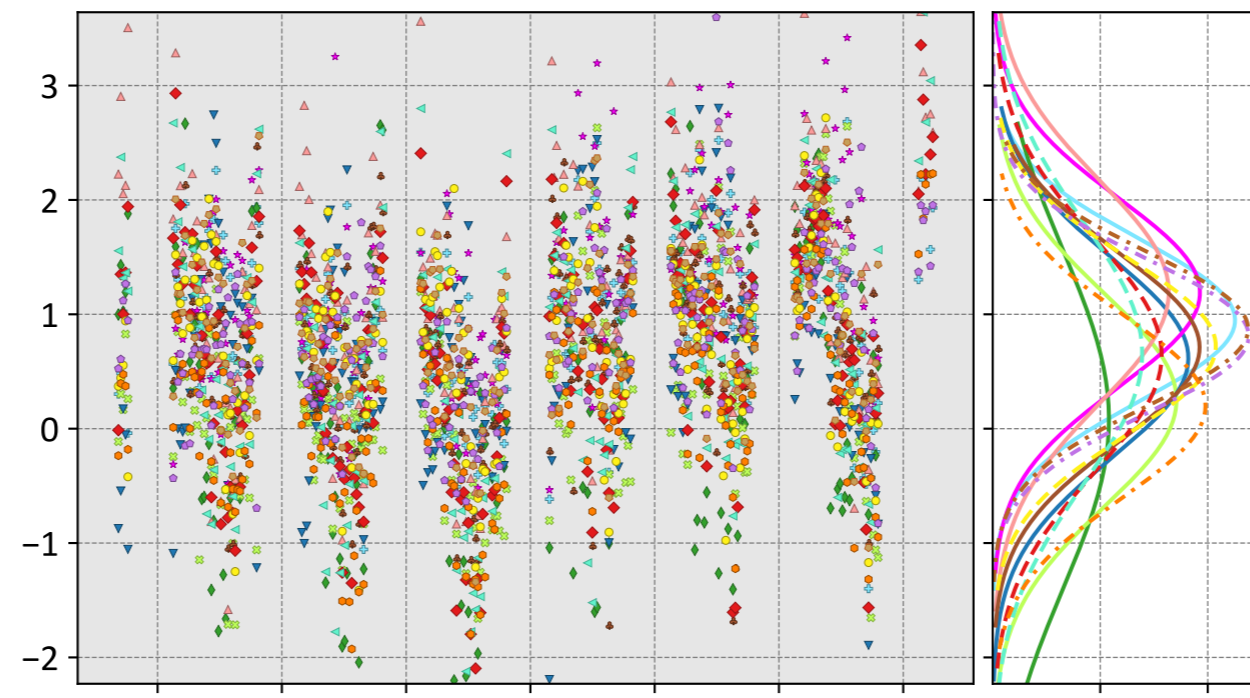
- |                             |                              |                          |
|-----------------------------|------------------------------|--------------------------|
| CSU (0.87, 1.13, 0.11)      | WOMBAT (1.15, 1.43, 0.13)    | Weir (0.93, 1.16, 0.08)  |
| Ames (0.60, 1.10, 0.12)     | JHU (0.88, 1.15, 0.09)       | CAMS (0.95, 1.29, 0.20)  |
| COLA (0.70, 1.12, 0.22)     | TM5-4DVAR (0.66, 1.15, 0.12) | Baker (0.88, 1.14, 0.11) |
| UT (0.50, 1.05, 0.09)       | OU (0.79, 1.14, 0.05)        | NIES (0.74, 1.02, 0.01)  |
| CMS-Flux (1.05, 1.33, 0.10) | CT (0.82, 1.18, 0.07)        |                          |

prior



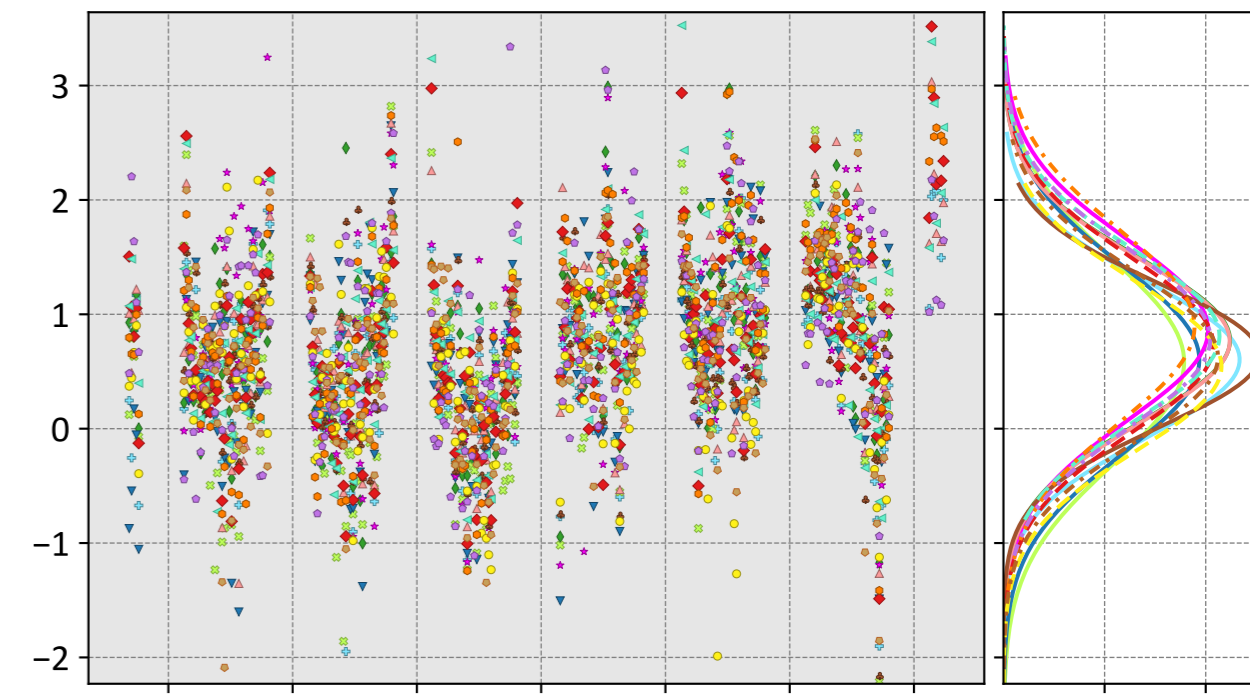
- |                               |                                |                          |
|-------------------------------|--------------------------------|--------------------------|
| CSU (1.87, 2.53, 0.04)        | WOMBAT (4.27, 4.87, 0.80)      | Weir (1.13, 1.39, -0.03) |
| Ames (0.96, 1.31, -0.06)      | JHU (2.83, 3.03, 0.40)         | CAMS (3.97, 4.27, 0.67)  |
| COLA (4.25, 4.67, 0.69)       | TM5-4DVAR (-0.31, 0.84, -0.03) | Baker (1.14, 1.48, 0.10) |
| UT (0.66, 1.24, 0.11)         | OU (6.47, 7.12, 1.55)          | NIES (1.00, 1.20, 0.04)  |
| CMS-Flux (-0.30, 1.49, -0.49) | CT (0.98, 1.25, 0.04)          |                          |

IS



- |                             |                              |                          |
|-----------------------------|------------------------------|--------------------------|
| CSU (0.95, 1.18, 0.08)      | WOMBAT (1.19, 1.54, 0.08)    | CT (0.72, 1.05, 0.00)    |
| Ames (0.08, 1.48, 0.05)     | JHU (0.71, 1.09, 0.09)       | CAMS (0.20, 0.83, 0.14)  |
| COLA (0.25, 0.97, 0.18)     | TM5-4DVAR (0.64, 1.20, 0.08) | Baker (0.81, 1.05, 0.13) |
| UT (0.62, 1.07, 0.05)       | OU (0.66, 1.32, 0.10)        | NIES (0.87, 1.10, 0.04)  |
| CMS-Flux (1.19, 1.45, 0.18) |                              |                          |

LNLG



- |                             |                              |                          |
|-----------------------------|------------------------------|--------------------------|
| CSU (0.60, 0.91, 0.07)      | WOMBAT (0.77, 1.05, 0.11)    | CT (0.54, 0.92, -0.01)   |
| Ames (0.77, 1.05, 0.10)     | JHU (0.64, 0.90, 0.05)       | CAMS (0.89, 1.23, 0.22)  |
| COLA (0.58, 1.07, 0.20)     | TM5-4DVAR (0.73, 1.06, 0.13) | Baker (0.79, 1.11, 0.11) |
| UT (0.60, 1.02, 0.16)       | OU (0.81, 1.10, 0.10)        | NIES (0.63, 0.98, 0.08)  |
| CMS-Flux (0.86, 1.17, 0.10) |                              |                          |

Model - TCCON XCO<sub>2</sub> (ppm)