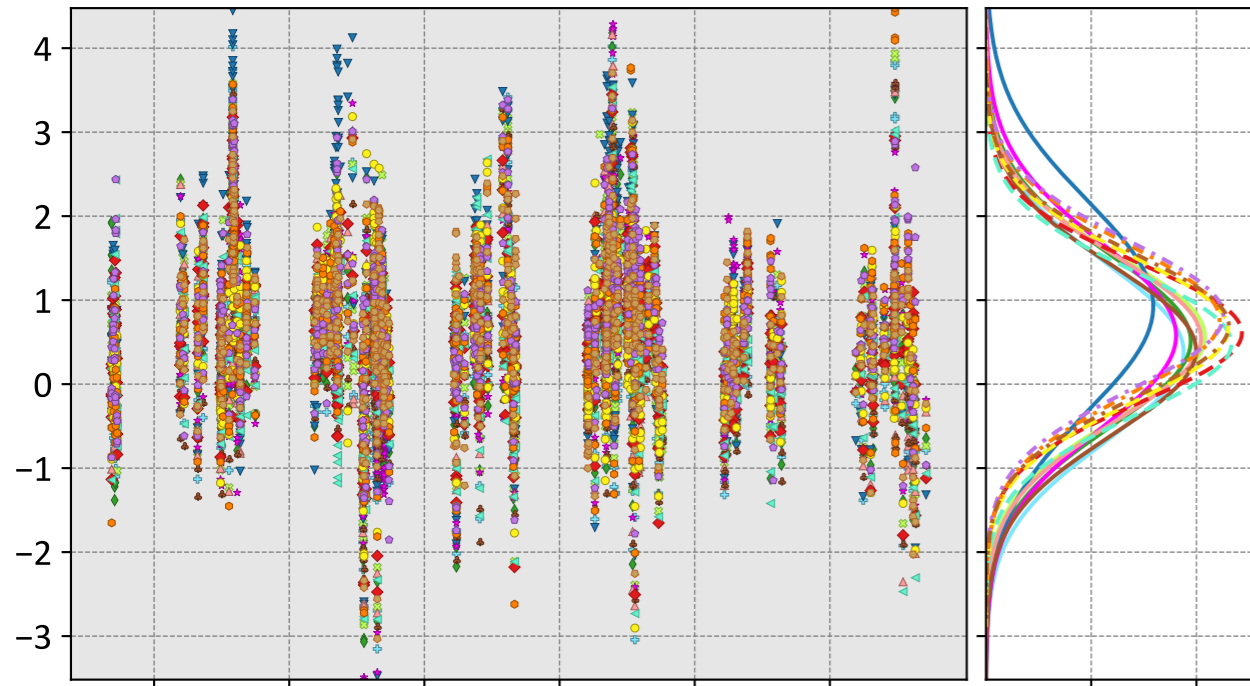


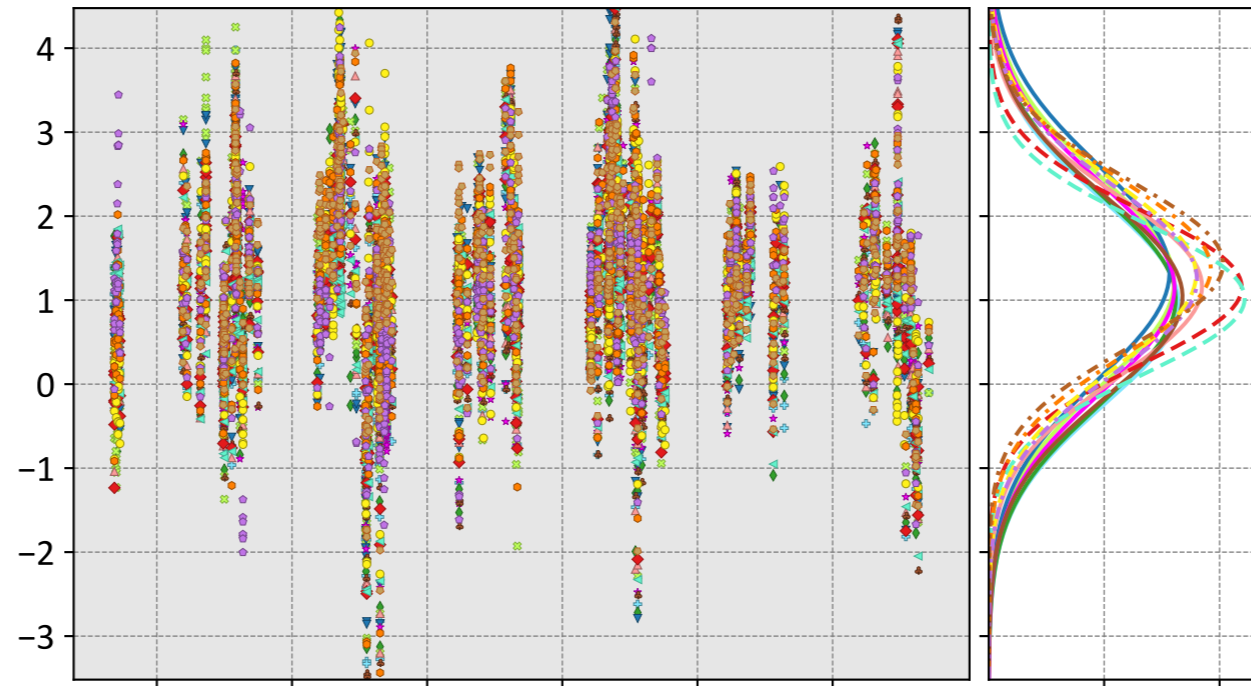
Bremen, Bremen, Germany

LNLGIS



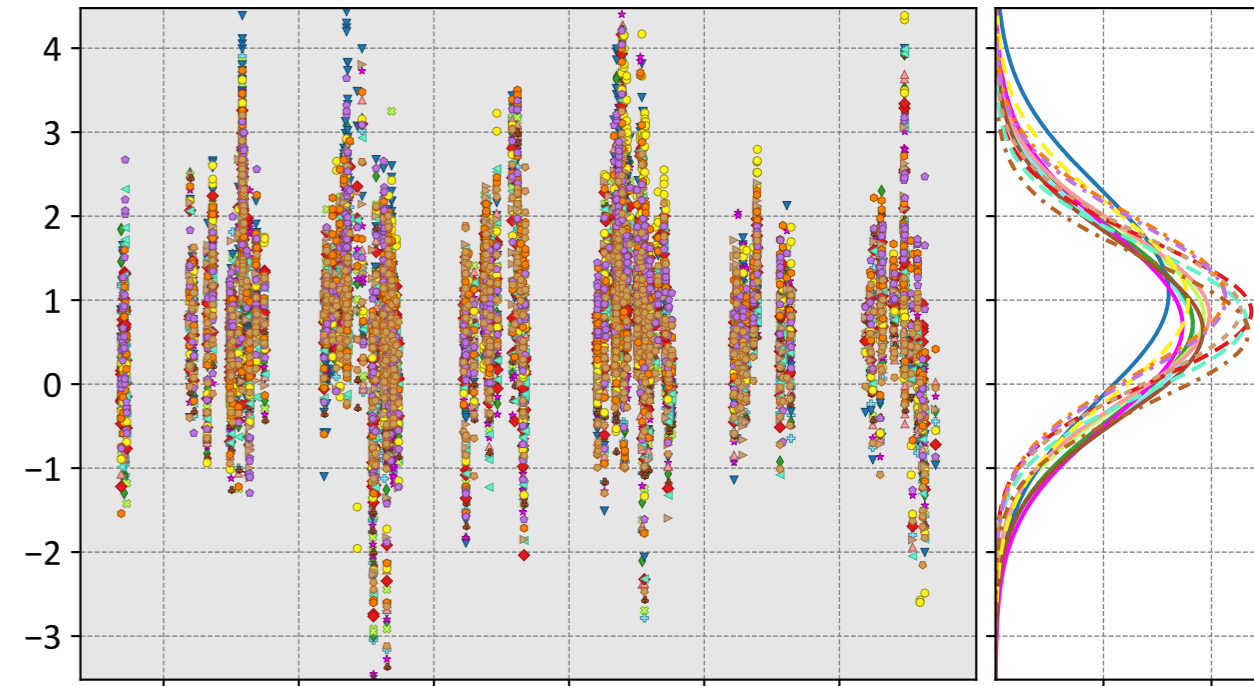
- |                             |                               |                          |
|-----------------------------|-------------------------------|--------------------------|
| CSU (0.38, 1.13, -0.04)     | WOMBAT (0.54, 1.12, -0.06)    | CT (0.65, 1.08, -0.01)   |
| Ames (0.51, 1.15, -0.01)    | JHU (0.40, 1.08, -0.02)       | CAMS (0.77, 1.18, 0.05)  |
| COLA (0.56, 1.11, -0.05)    | TM5-4DVAR (0.61, 1.02, -0.04) | Baker (0.81, 1.20, 0.01) |
| UT (0.93, 1.56, -0.08)      | OU (0.48, 0.98, -0.06)        | NIES (0.70, 1.11, -0.06) |
| CMS-Flux (0.58, 1.25, 0.07) |                               |                          |

OG



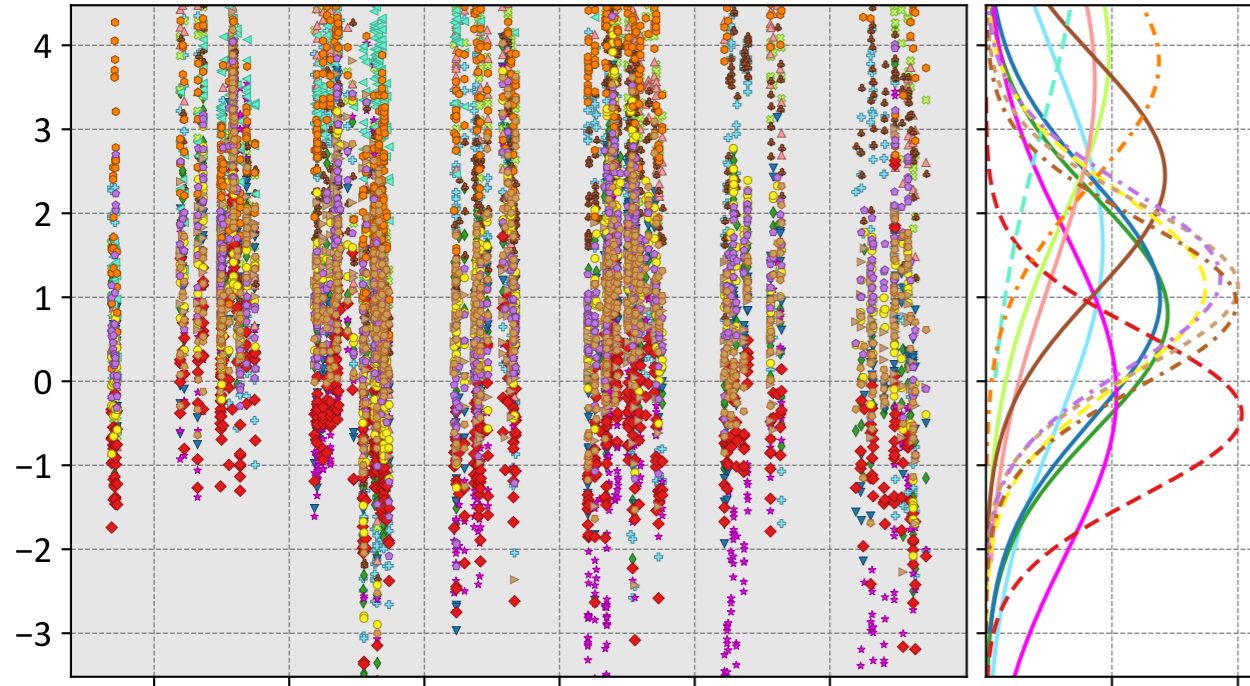
- |                             |                              |                          |
|-----------------------------|------------------------------|--------------------------|
| CSU (0.97, 1.55, 0.03)      | WOMBAT (1.16, 1.59, 0.01)    | CT (1.30, 1.71, 0.04)    |
| Ames (1.01, 1.59, 0.07)     | JHU (1.04, 1.58, 0.05)       | CAMS (1.38, 1.72, 0.10)  |
| COLA (1.22, 1.74, 0.07)     | TM5-4DVAR (1.15, 1.47, 0.05) | Baker (1.24, 1.66, 0.12) |
| UT (1.33, 1.84, 0.00)       | OU (1.02, 1.36, 0.04)        | NIES (1.43, 1.74, -0.06) |
| CMS-Flux (1.15, 1.69, 0.08) |                              |                          |

LNLGOGIS



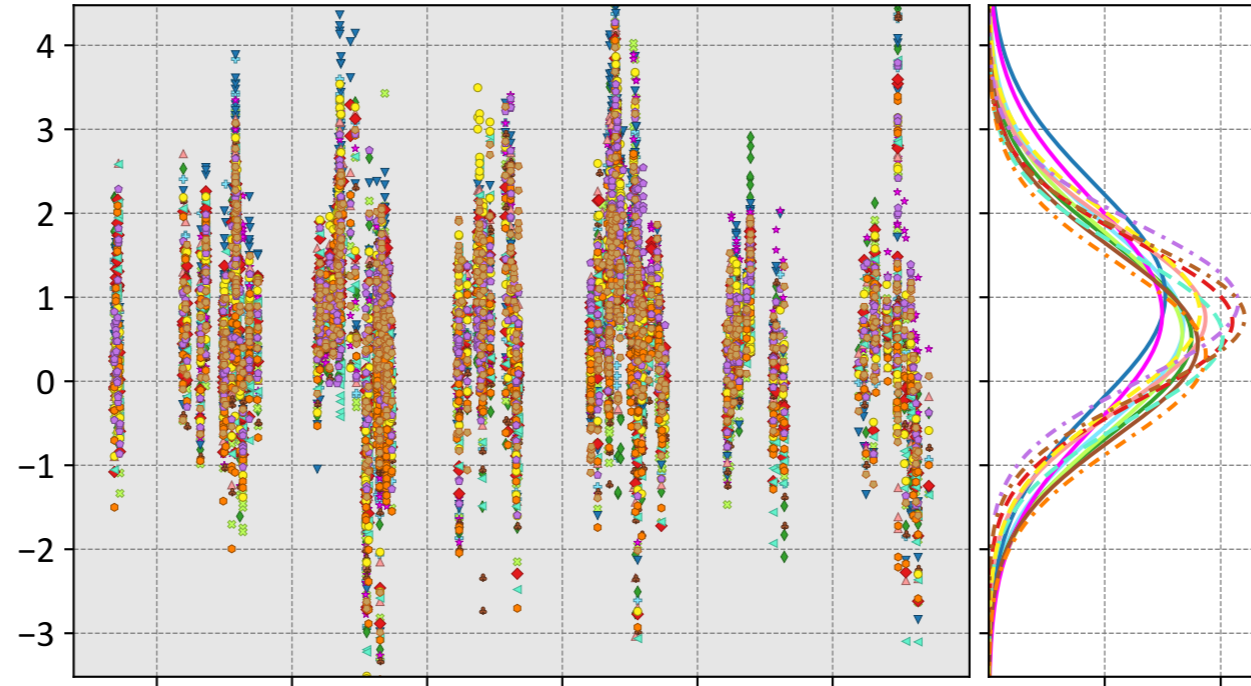
- |                             |                              |                          |
|-----------------------------|------------------------------|--------------------------|
| CSU (0.66, 1.27, 0.01)      | WOMBAT (0.82, 1.30, -0.01)   | Weir (0.88, 1.25, -0.01) |
| Ames (0.73, 1.31, 0.03)     | JHU (0.64, 1.22, 0.03)       | CAMS (1.05, 1.41, 0.09)  |
| COLA (0.80, 1.31, 0.02)     | TM5-4DVAR (0.86, 1.21, 0.02) | Baker (1.01, 1.38, 0.06) |
| UT (1.08, 1.65, -0.05)      | OU (0.77, 1.15, -0.02)       | NIES (0.62, 1.05, -0.09) |
| CMS-Flux (0.70, 1.35, 0.07) | CT (0.97, 1.48, 0.08)        |                          |

prior



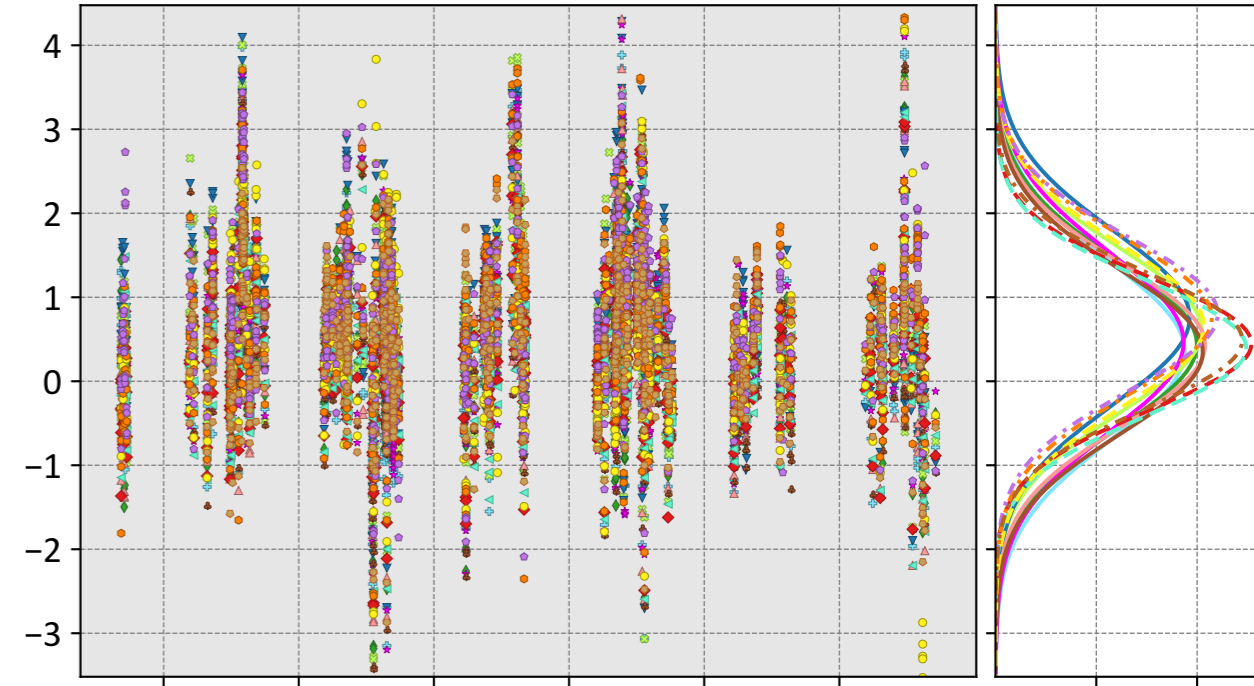
- |                               |                                |                          |
|-------------------------------|--------------------------------|--------------------------|
| CSU (1.62, 2.69, 0.03)        | WOMBAT (3.56, 4.25, 0.76)      | Weir (1.12, 1.50, -0.30) |
| Ames (0.80, 1.60, -0.04)      | JHU (2.45, 2.82, 0.34)         | CAMS (3.80, 4.07, 0.55)  |
| COLA (3.91, 4.41, 0.65)       | TM5-4DVAR (-0.39, 1.06, -0.10) | Baker (1.23, 1.63, 0.05) |
| UT (0.98, 1.74, -0.12)        | OU (5.73, 6.31, 1.51)          | NIES (0.93, 1.37, -0.09) |
| CMS-Flux (-0.16, 1.93, -0.68) | CT (1.11, 1.60, 0.10)          |                          |

IS



- |                             |                               |                          |
|-----------------------------|-------------------------------|--------------------------|
| CSU (0.66, 1.36, -0.03)     | WOMBAT (0.75, 1.30, -0.10)    | CT (0.81, 1.37, 0.01)    |
| Ames (0.52, 1.25, 0.01)     | JHU (0.45, 1.19, 0.01)        | CAMS (0.32, 1.11, -0.01) |
| COLA (0.56, 1.32, 0.06)     | TM5-4DVAR (0.71, 1.19, -0.05) | Baker (0.93, 1.31, 0.06) |
| UT (1.02, 1.66, -0.07)      | OU (0.54, 1.12, -0.07)        | NIES (0.76, 1.18, -0.05) |
| CMS-Flux (0.80, 1.55, 0.21) |                               |                          |

LNLG



- |                             |                              |                           |
|-----------------------------|------------------------------|---------------------------|
| CSU (0.36, 1.12, -0.04)     | WOMBAT (0.43, 1.05, -0.04)   | CT (0.65, 1.17, -0.05)    |
| Ames (0.44, 1.09, 0.00)     | JHU (0.35, 1.03, -0.04)      | CAMS (0.76, 1.20, 0.05)   |
| COLA (0.61, 1.15, -0.08)    | TM5-4DVAR (0.45, 0.90, 0.00) | Baker (0.80, 1.21, -0.01) |
| UT (0.76, 1.28, -0.09)      | OU (0.40, 0.89, -0.03)       | NIES (0.49, 0.95, -0.01)  |
| CMS-Flux (0.47, 1.17, 0.01) |                              |                           |

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