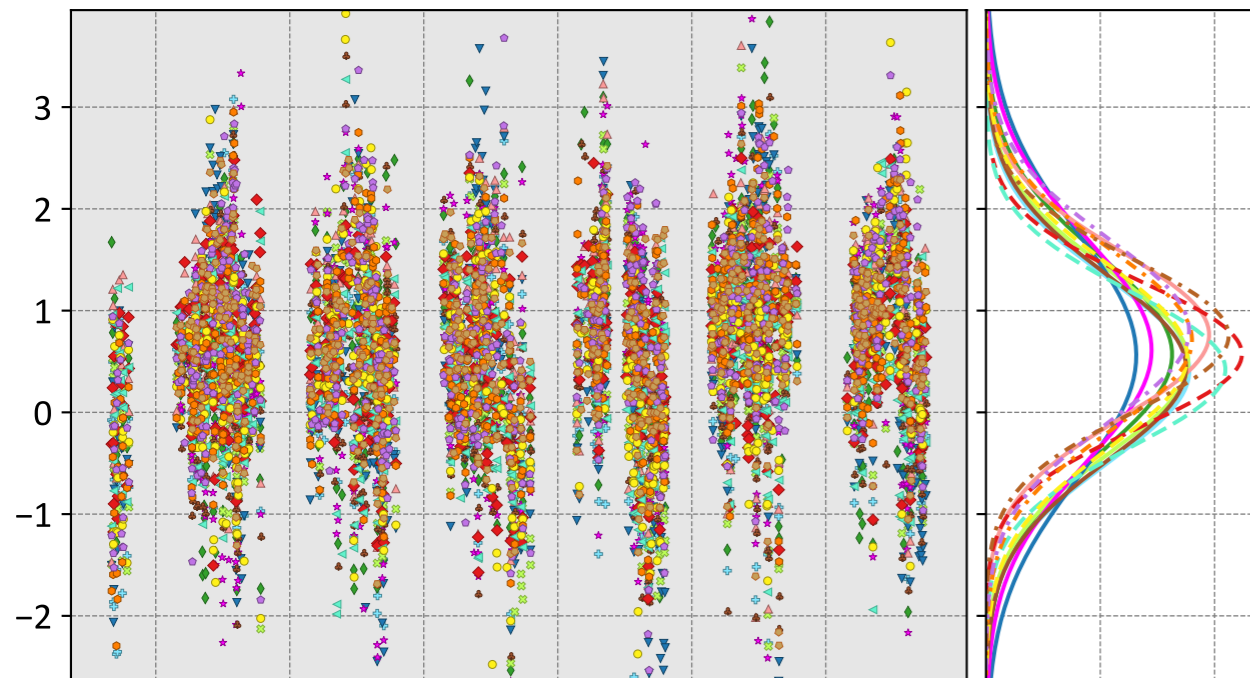


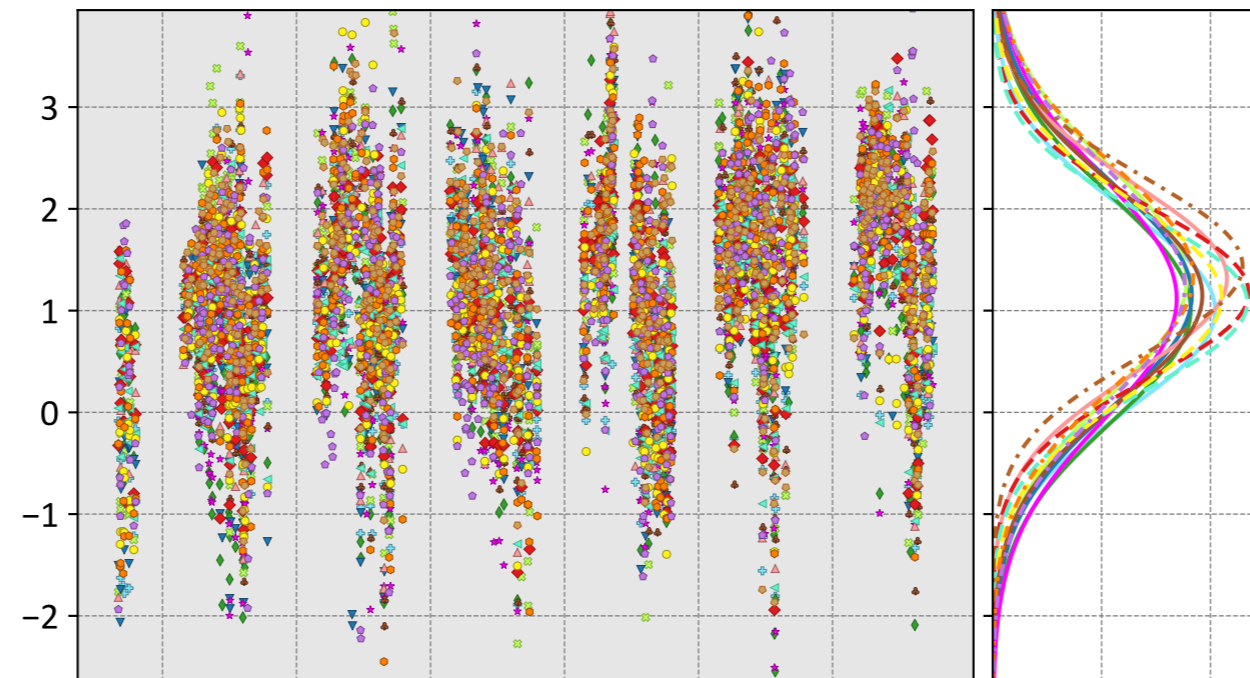
Karlsruhe, Baden-Württemberg, Germany (1 day bins)

LNLGIS



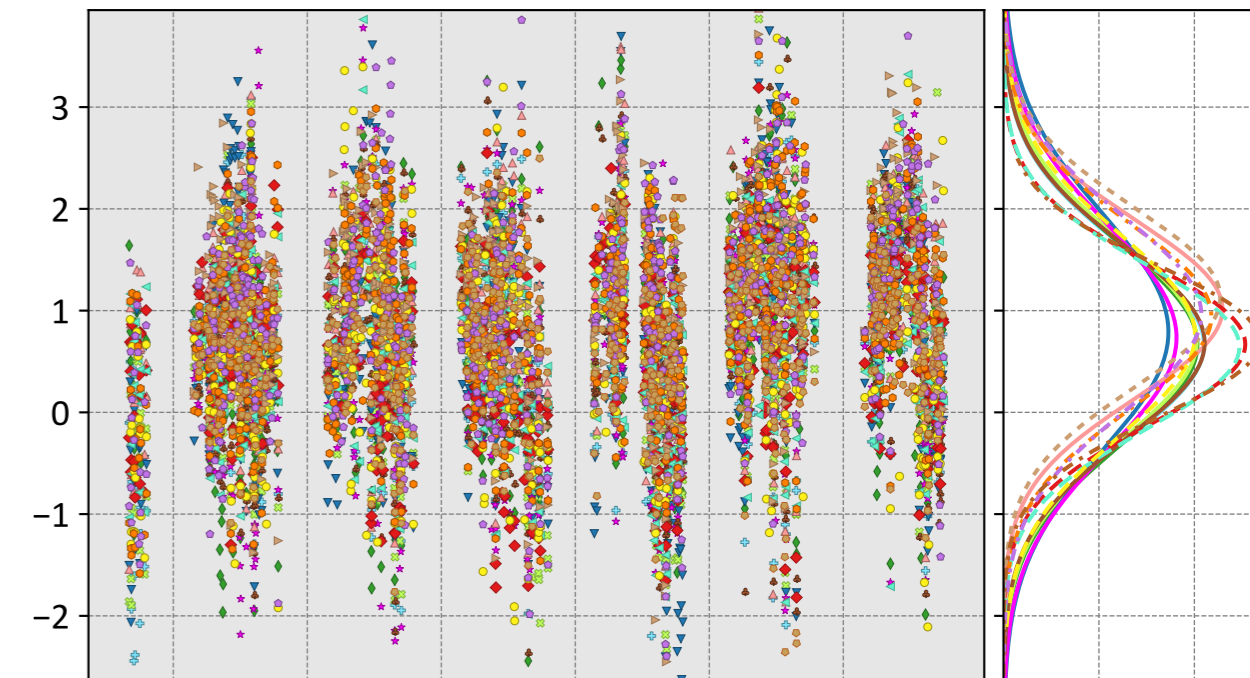
- | | | |
|-----------------------------|------------------------------|--------------------------|
| CSU (0.41, 0.99, 0.06) | WOMBAT (0.76, 1.12, 0.04) | CT (0.55, 1.06, 0.09) |
| Ames (0.57, 1.13, 0.09) | JHU (0.44, 1.01, 0.06) | CAMS (0.71, 1.14, 0.16) |
| COLA (0.50, 1.03, 0.06) | TM5-4DVAR (0.57, 0.91, 0.04) | Baker (0.80, 1.20, 0.09) |
| UT (0.56, 1.34, 0.04) | OU (0.42, 0.87, 0.06) | NIES (0.75, 1.06, 0.02) |
| CMS-Flux (0.61, 1.26, 0.14) | | |

OG



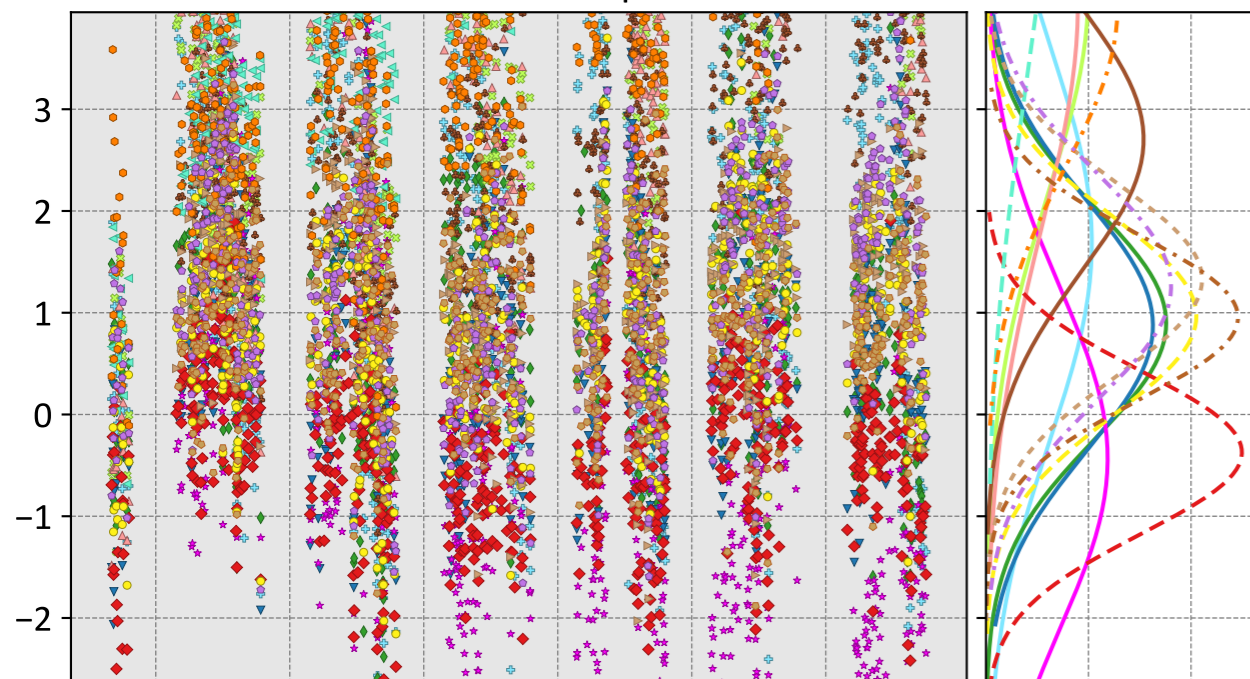
- | | | |
|-----------------------------|------------------------------|--------------------------|
| CSU (1.00, 1.40, 0.11) | WOMBAT (1.31, 1.61, 0.13) | CT (1.13, 1.47, 0.12) |
| Ames (1.01, 1.49, 0.15) | JHU (1.15, 1.55, 0.13) | CAMS (1.34, 1.72, 0.21) |
| COLA (1.29, 1.71, 0.11) | TM5-4DVAR (1.18, 1.45, 0.13) | Baker (1.24, 1.68, 0.20) |
| UT (1.15, 1.59, 0.17) | OU (1.08, 1.38, 0.15) | NIES (1.44, 1.68, 0.05) |
| CMS-Flux (1.12, 1.62, 0.16) | | |

LNLGOGIS



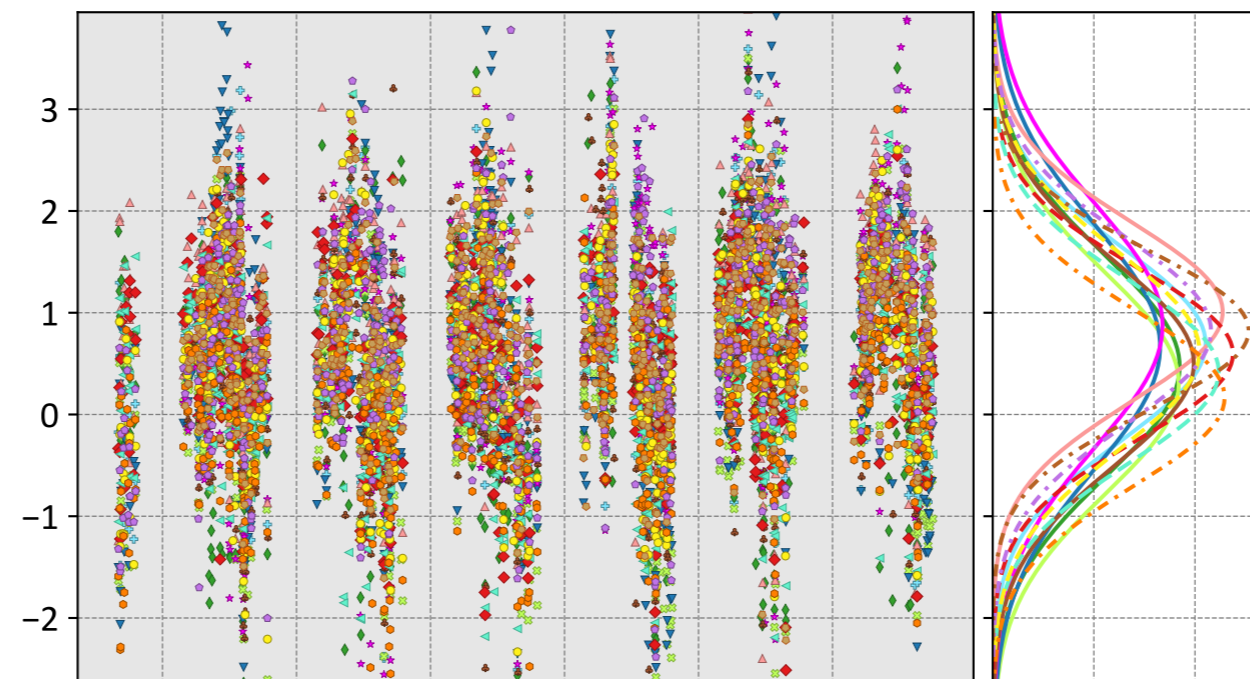
- | | | |
|-----------------------------|------------------------------|--------------------------|
| CSU (0.67, 1.16, 0.09) | WOMBAT (1.01, 1.34, 0.08) | Weir (1.13, 1.43, 0.05) |
| Ames (0.67, 1.19, 0.11) | JHU (0.68, 1.17, 0.10) | CAMS (0.94, 1.32, 0.15) |
| COLA (0.70, 1.21, 0.11) | TM5-4DVAR (0.67, 1.03, 0.05) | Baker (0.96, 1.36, 0.10) |
| UT (0.79, 1.40, 0.10) | OU (0.64, 1.03, 0.06) | NIES (0.70, 1.02, 0.02) |
| CMS-Flux (0.73, 1.32, 0.14) | CT (0.76, 1.25, 0.09) | |

prior



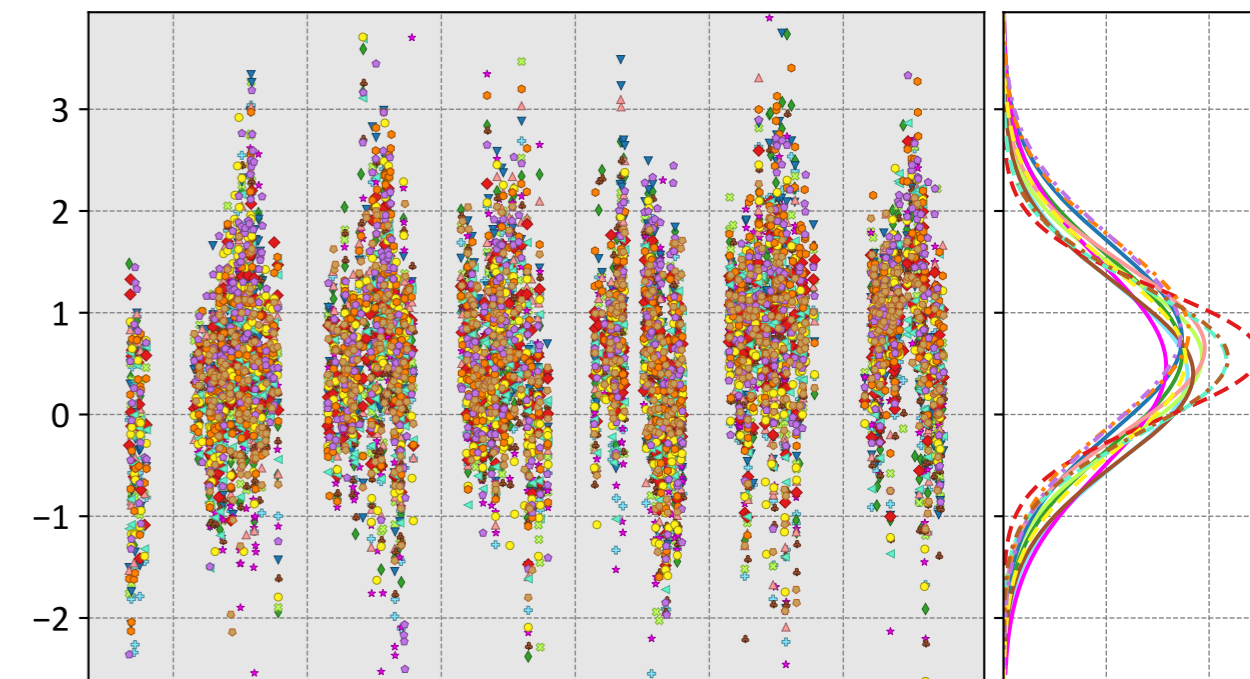
- | | | |
|-------------------------------|--------------------------------|--------------------------|
| CSU (1.69, 2.56, 0.04) | WOMBAT (4.06, 4.62, 0.80) | Weir (1.33, 1.63, -0.11) |
| Ames (0.90, 1.45, -0.05) | JHU (2.70, 3.00, 0.41) | CAMS (3.99, 4.28, 0.66) |
| COLA (4.16, 4.62, 0.64) | TM5-4DVAR (-0.37, 0.88, -0.04) | Baker (1.25, 1.67, 0.11) |
| UT (0.87, 1.50, 0.02) | OU (6.32, 6.96, 1.55) | NIES (0.95, 1.25, 0.02) |
| CMS-Flux (-0.43, 1.73, -0.52) | CT (0.97, 1.37, 0.11) | |

IS



- | | | |
|-----------------------------|------------------------------|--------------------------|
| CSU (0.70, 1.18, 0.07) | WOMBAT (1.01, 1.34, 0.05) | CT (0.62, 1.16, 0.09) |
| Ames (0.47, 1.18, 0.07) | JHU (0.50, 1.12, 0.11) | CAMS (0.17, 0.89, 0.09) |
| COLA (0.31, 1.13, 0.10) | TM5-4DVAR (0.60, 1.03, 0.02) | Baker (0.82, 1.24, 0.14) |
| UT (0.66, 1.38, 0.02) | OU (0.42, 0.99, 0.07) | NIES (0.82, 1.14, 0.05) |
| CMS-Flux (0.87, 1.47, 0.21) | | |

LNLG



- | | | |
|-----------------------------|------------------------------|--------------------------|
| CSU (0.40, 0.98, 0.06) | WOMBAT (0.65, 1.04, 0.06) | CT (0.54, 1.05, 0.04) |
| Ames (0.61, 1.10, 0.09) | JHU (0.40, 0.95, 0.05) | CAMS (0.82, 1.20, 0.16) |
| COLA (0.56, 1.00, 0.06) | TM5-4DVAR (0.59, 0.87, 0.08) | Baker (0.81, 1.23, 0.08) |
| UT (0.75, 1.18, 0.08) | OU (0.53, 0.91, 0.10) | NIES (0.55, 0.92, 0.08) |
| CMS-Flux (0.48, 1.12, 0.10) | | |

Model - TCCON XCO₂ (ppm)