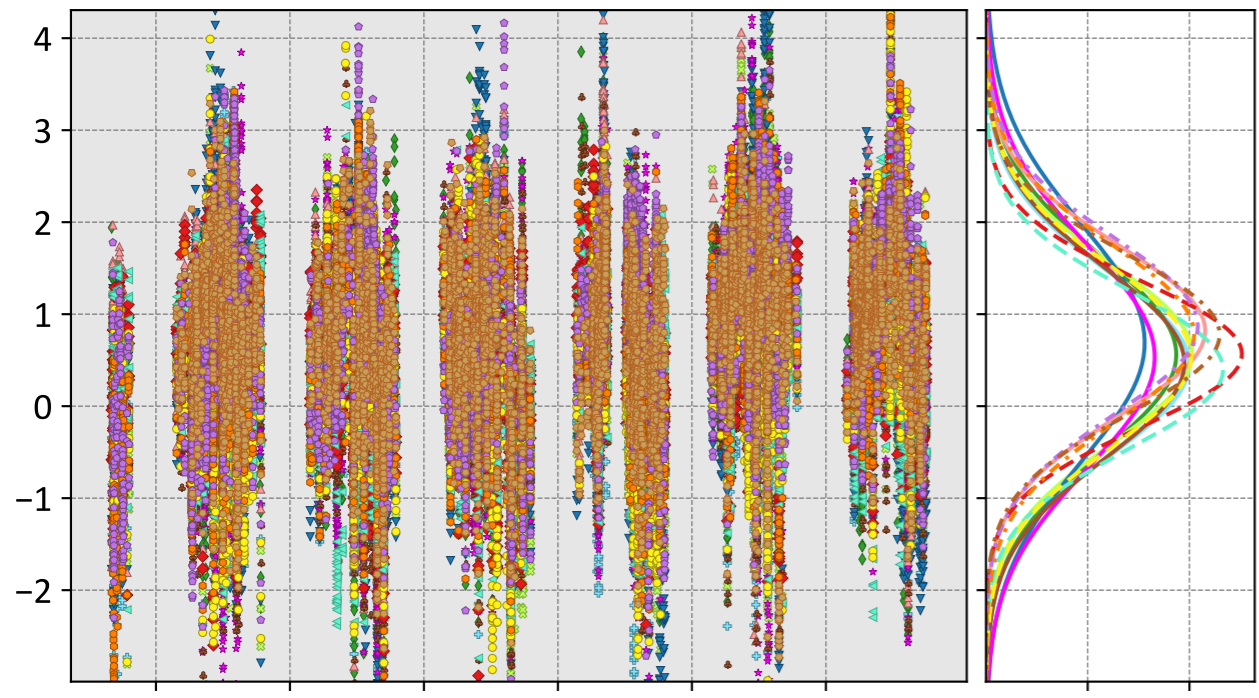


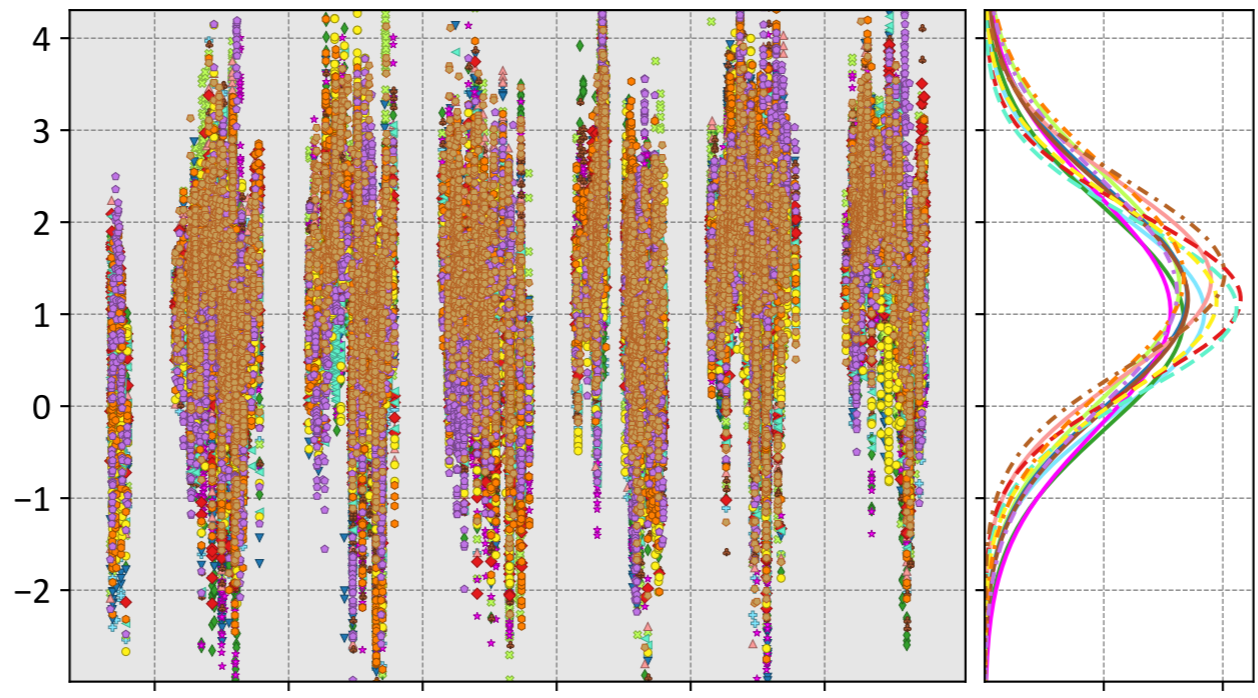
Karlsruhe, Baden-Württemberg, Germany

LNLGIS



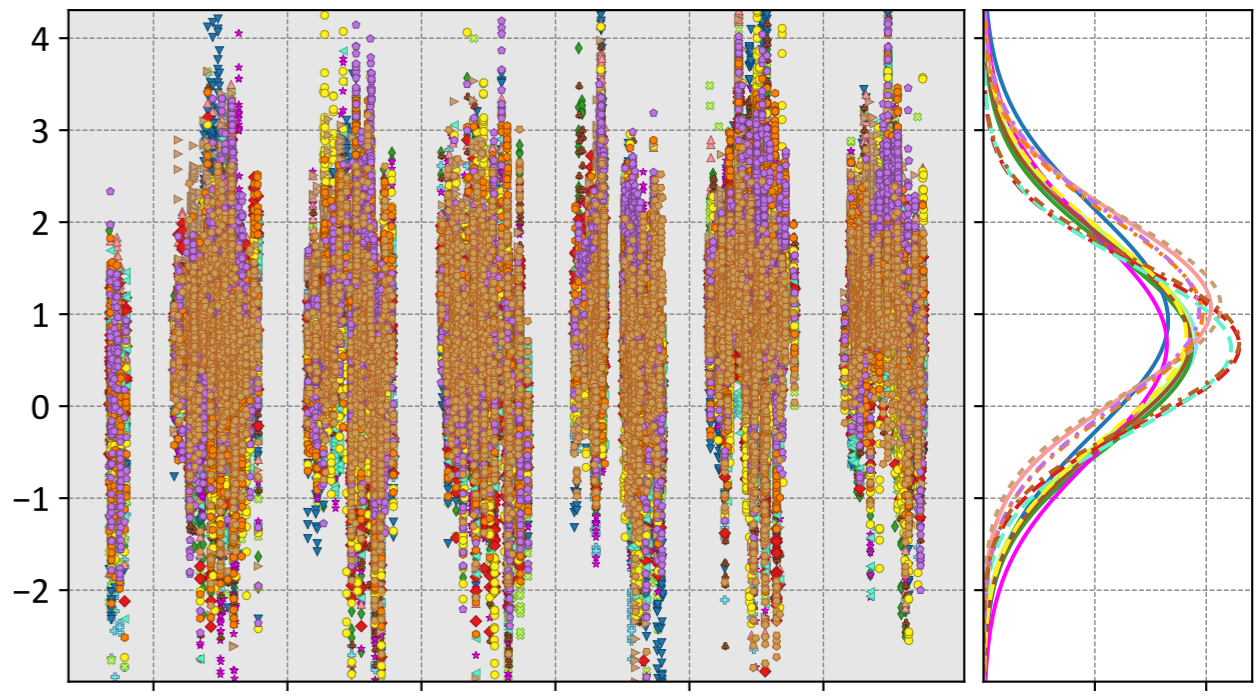
- | | | |
|-----------------------------|------------------------------|--------------------------|
| CSU (0.45, 1.10, 0.07) | WOMBAT (0.82, 1.24, 0.06) | CT (0.53, 1.12, 0.10) |
| Ames (0.56, 1.20, 0.12) | JHU (0.47, 1.12, 0.10) | CAMS (0.78, 1.25, 0.18) |
| COLA (0.57, 1.14, 0.08) | TM5-4DVAR (0.57, 0.97, 0.06) | Baker (0.87, 1.29, 0.10) |
| UT (0.69, 1.45, 0.07) | OU (0.40, 0.94, 0.09) | NIES (0.78, 1.17, 0.05) |
| CMS-Flux (0.54, 1.32, 0.18) | | |

OG



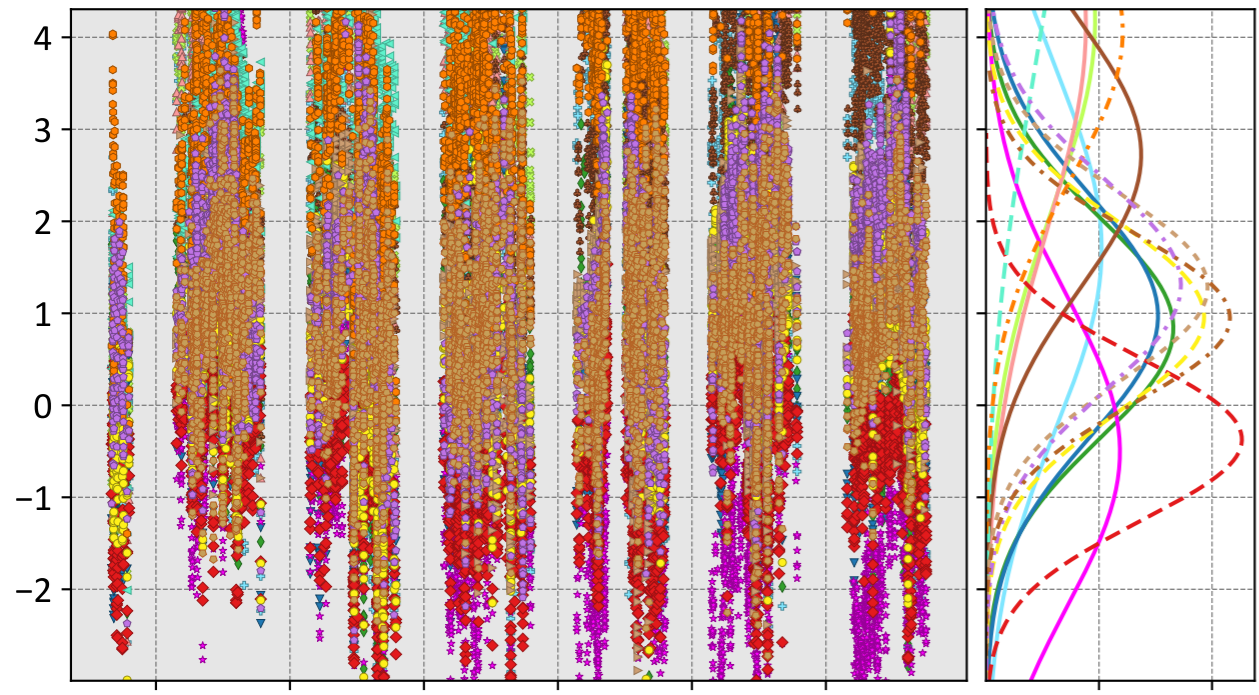
- | | | |
|-----------------------------|------------------------------|--------------------------|
| CSU (1.02, 1.49, 0.13) | WOMBAT (1.37, 1.72, 0.16) | CT (1.14, 1.53, 0.13) |
| Ames (0.95, 1.53, 0.18) | JHU (1.16, 1.65, 0.18) | CAMS (1.40, 1.84, 0.25) |
| COLA (1.31, 1.79, 0.14) | TM5-4DVAR (1.16, 1.49, 0.16) | Baker (1.23, 1.74, 0.21) |
| UT (1.19, 1.67, 0.19) | OU (1.07, 1.42, 0.16) | NIES (1.44, 1.75, 0.08) |
| CMS-Flux (1.03, 1.64, 0.21) | | |

LNLGOGIS



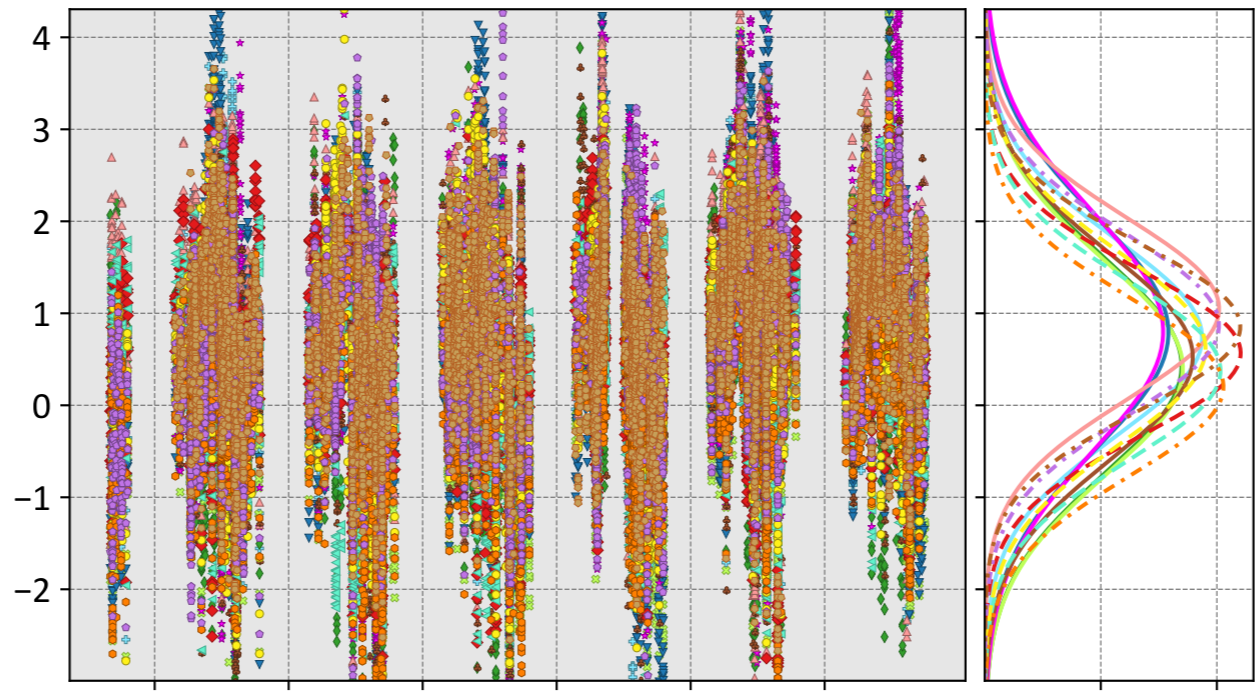
- | | | |
|-----------------------------|------------------------------|--------------------------|
| CSU (0.70, 1.26, 0.10) | WOMBAT (1.07, 1.45, 0.11) | Weir (1.09, 1.44, 0.05) |
| Ames (0.64, 1.24, 0.13) | JHU (0.70, 1.28, 0.15) | CAMS (1.00, 1.42, 0.18) |
| COLA (0.76, 1.31, 0.13) | TM5-4DVAR (0.66, 1.09, 0.08) | Baker (1.03, 1.45, 0.11) |
| UT (0.93, 1.52, 0.14) | OU (0.63, 1.10, 0.09) | NIES (0.70, 1.12, 0.03) |
| CMS-Flux (0.68, 1.39, 0.20) | CT (0.77, 1.34, 0.11) | |

prior



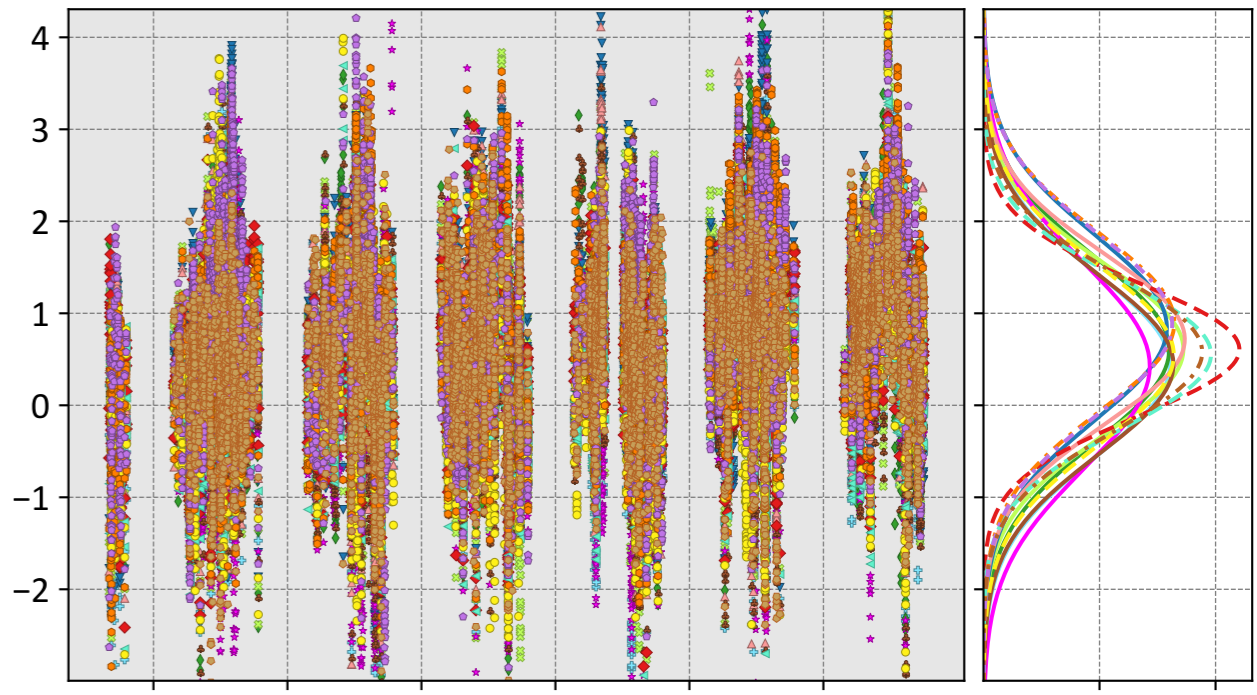
- | | | |
|-------------------------------|--------------------------------|--------------------------|
| CSU (1.70, 2.59, 0.09) | WOMBAT (4.14, 4.71, 0.83) | Weir (1.28, 1.64, -0.12) |
| Ames (0.84, 1.47, -0.02) | JHU (2.72, 3.09, 0.46) | CAMS (4.07, 4.39, 0.68) |
| COLA (4.19, 4.67, 0.67) | TM5-4DVAR (-0.37, 0.96, -0.04) | Baker (1.31, 1.74, 0.12) |
| UT (0.97, 1.63, 0.03) | OU (6.44, 7.08, 1.56) | NIES (0.95, 1.32, 0.03) |
| CMS-Flux (-0.50, 1.76, -0.48) | CT (0.96, 1.41, 0.13) | |

IS



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|-----------------------------|------------------------------|--------------------------|
| CSU (0.74, 1.29, 0.09) | WOMBAT (1.05, 1.44, 0.07) | CT (0.62, 1.22, 0.10) |
| Ames (0.43, 1.25, 0.10) | JHU (0.53, 1.23, 0.15) | CAMS (0.20, 0.99, 0.12) |
| COLA (0.40, 1.24, 0.14) | TM5-4DVAR (0.57, 1.07, 0.04) | Baker (0.87, 1.32, 0.16) |
| UT (0.79, 1.49, 0.05) | OU (0.38, 1.05, 0.10) | NIES (0.85, 1.24, 0.08) |
| CMS-Flux (0.80, 1.52, 0.26) | | |

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|-----------------------------|------------------------------|--------------------------|
| CSU (0.44, 1.09, 0.07) | WOMBAT (0.72, 1.17, 0.08) | CT (0.55, 1.12, 0.06) |
| Ames (0.60, 1.17, 0.11) | JHU (0.44, 1.07, 0.09) | CAMS (0.90, 1.32, 0.18) |
| COLA (0.61, 1.11, 0.08) | TM5-4DVAR (0.61, 0.94, 0.09) | Baker (0.88, 1.32, 0.08) |
| UT (0.84, 1.32, 0.09) | OU (0.55, 0.98, 0.12) | NIES (0.58, 1.02, 0.11) |
| CMS-Flux (0.43, 1.19, 0.15) | | |

Model - TCCON XCO₂ (ppm)