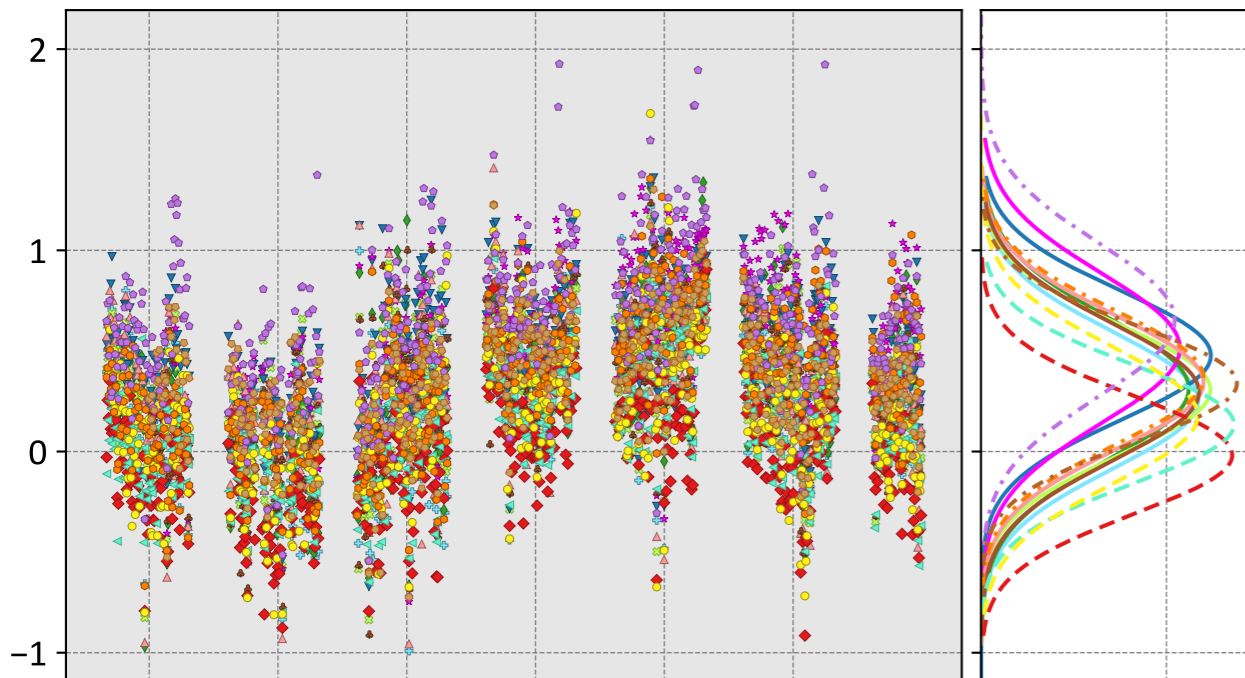


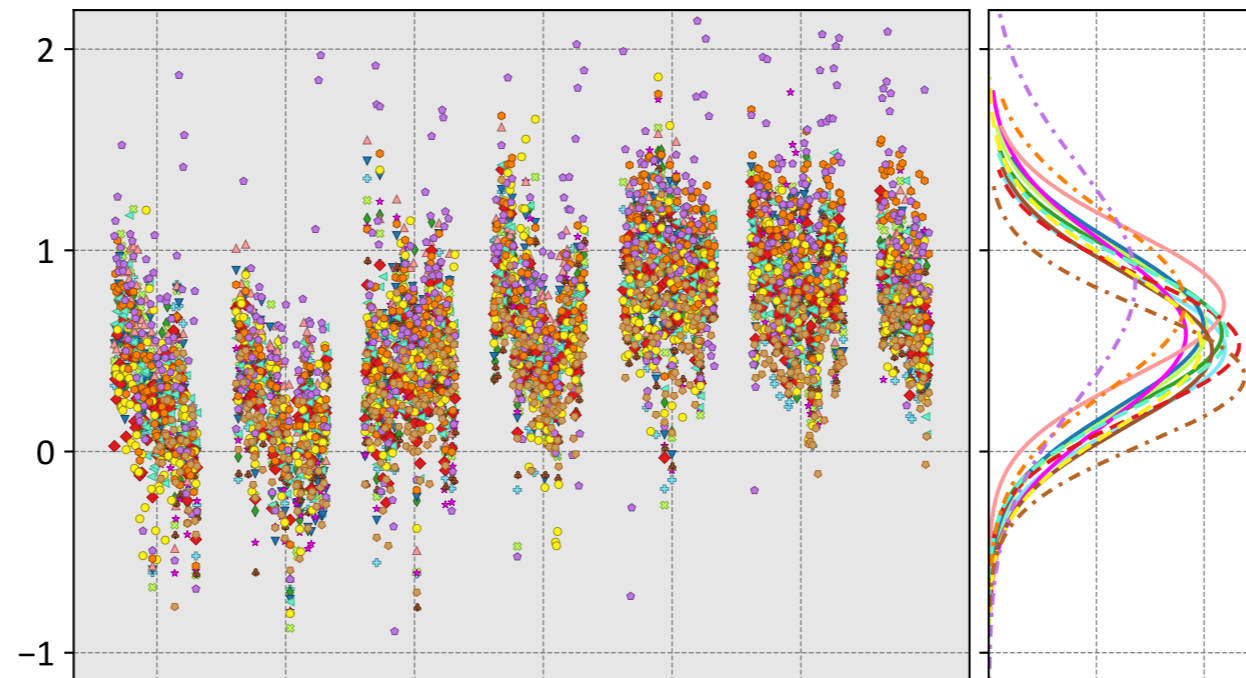
Lauder, Otago, New Zealand (125HR) (3 day bins)

LNLGIS



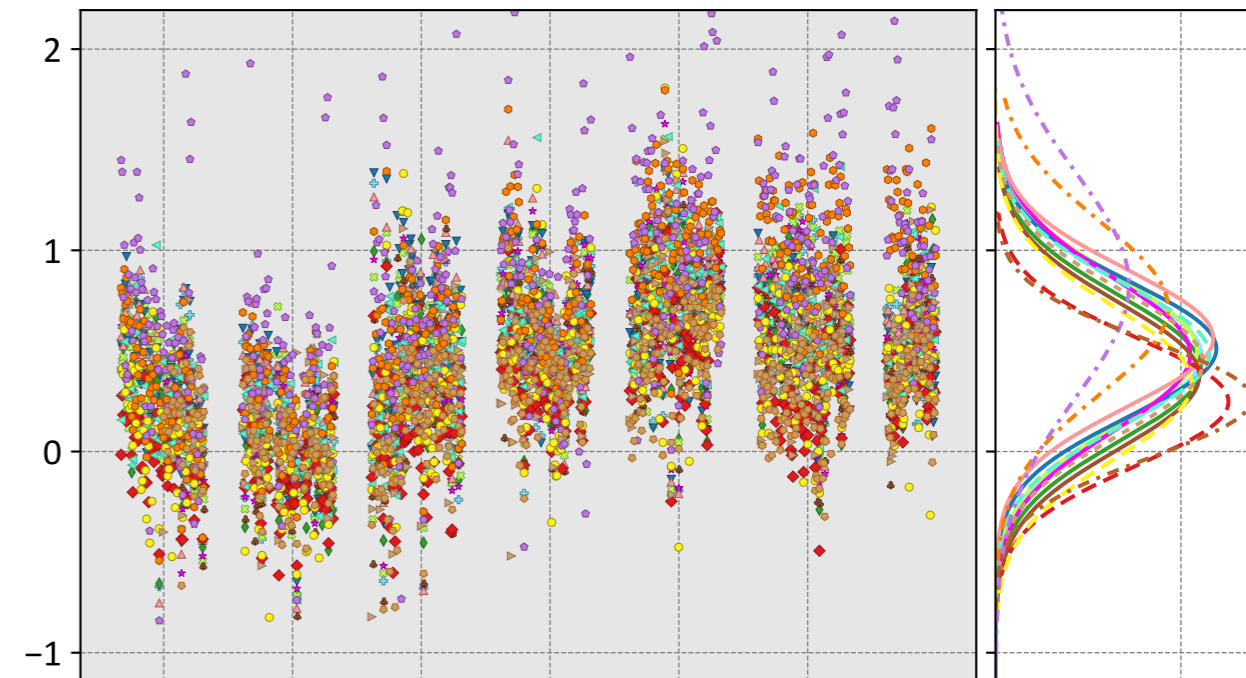
- |                             |                               |                          |
|-----------------------------|-------------------------------|--------------------------|
| CSU (0.25, 0.43, 0.05)      | WOMBAT (0.34, 0.48, 0.03)     | CT (0.18, 0.39, 0.04)    |
| Ames (0.31, 0.47, 0.08)     | JHU (0.30, 0.45, 0.06)        | CAMS (0.37, 0.50, 0.09)  |
| COLA (0.31, 0.44, 0.04)     | TM5-4DVAR (-0.02, 0.30, 0.04) | Baker (0.65, 0.76, 0.05) |
| UT (0.48, 0.58, 0.05)       | OU (0.14, 0.32, 0.06)         | NIES (0.34, 0.44, 0.04)  |
| CMS-Flux (0.51, 0.63, 0.11) |                               |                          |

OG



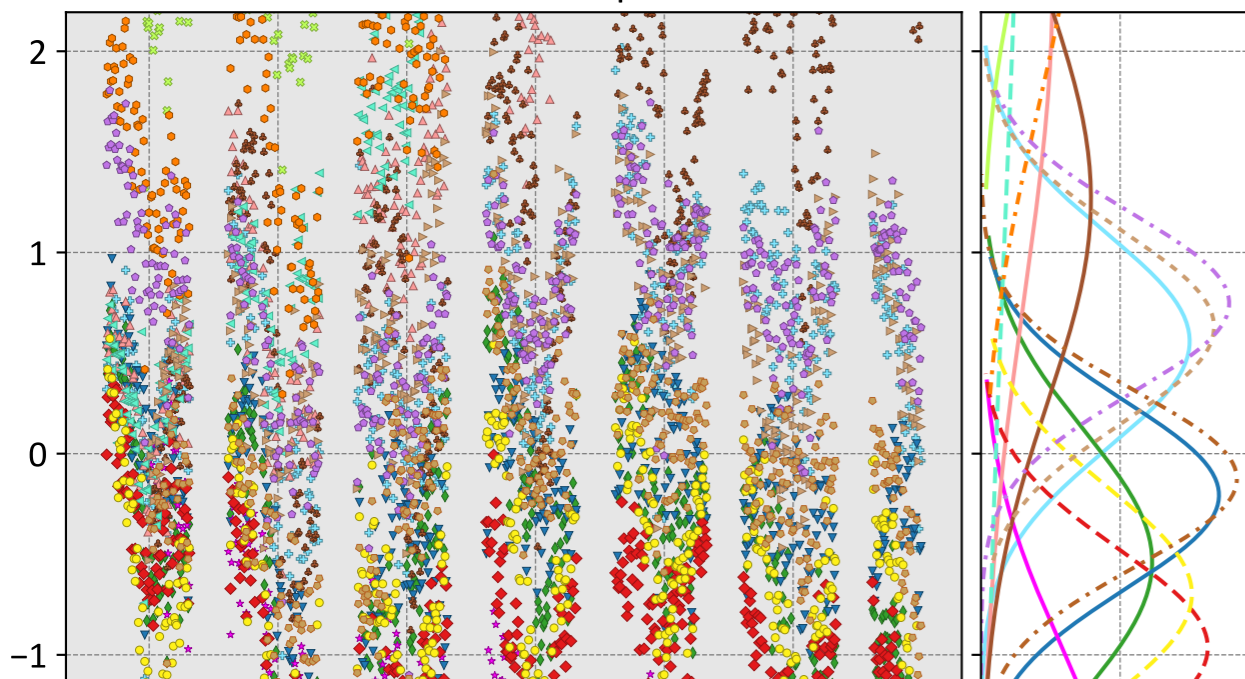
- |                             |                              |                          |
|-----------------------------|------------------------------|--------------------------|
| CSU (0.51, 0.63, 0.09)      | WOMBAT (0.73, 0.82, 0.11)    | CT (0.52, 0.66, 0.12)    |
| Ames (0.59, 0.69, 0.12)     | JHU (0.50, 0.63, 0.15)       | CAMS (0.74, 0.86, 0.16)  |
| COLA (0.60, 0.72, 0.11)     | TM5-4DVAR (0.53, 0.63, 0.12) | Baker (0.84, 1.03, 0.14) |
| UT (0.62, 0.74, 0.12)       | OU (0.57, 0.68, 0.12)        | NIES (0.37, 0.50, 0.11)  |
| CMS-Flux (0.58, 0.73, 0.16) |                              |                          |

LNLGOGIS



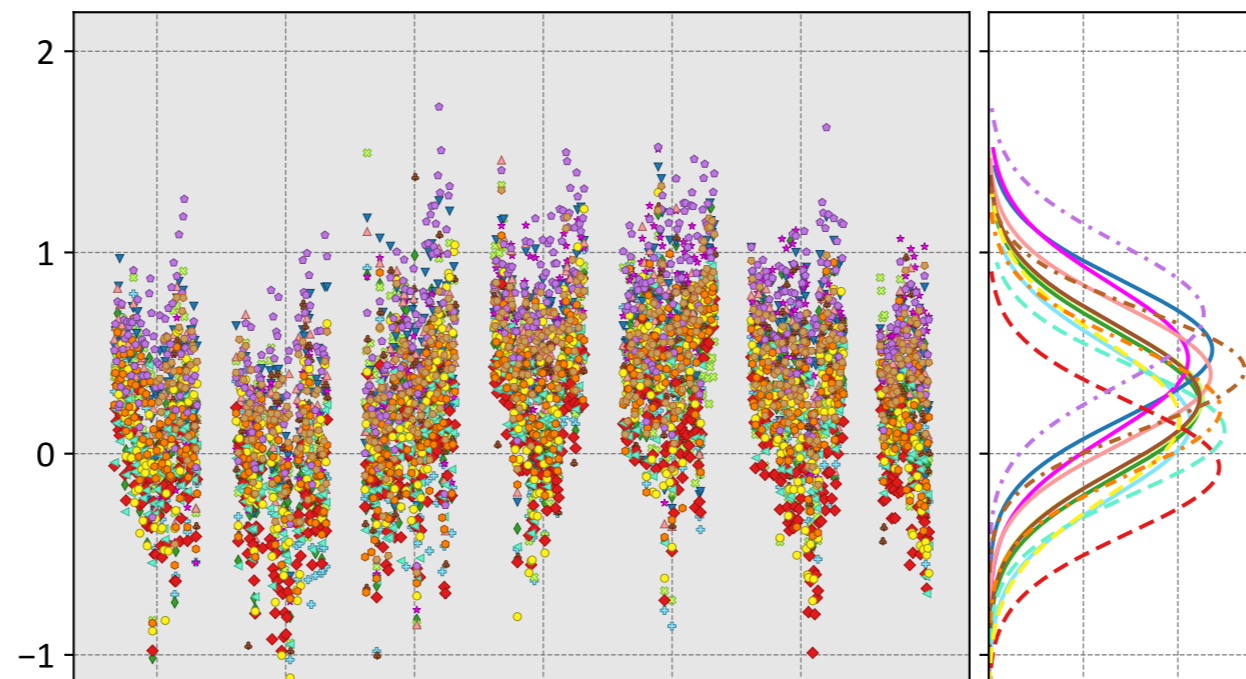
- |                             |                              |                          |
|-----------------------------|------------------------------|--------------------------|
| CSU (0.48, 0.60, 0.09)      | WOMBAT (0.56, 0.66, 0.08)    | Weir (0.44, 0.57, 0.10)  |
| Ames (0.41, 0.55, 0.09)     | JHU (0.38, 0.52, 0.11)       | CAMS (0.71, 0.83, 0.16)  |
| COLA (0.50, 0.62, 0.10)     | TM5-4DVAR (0.25, 0.40, 0.09) | Baker (0.83, 1.00, 0.14) |
| UT (0.51, 0.61, 0.05)       | OU (0.48, 0.59, 0.11)        | NIES (0.26, 0.39, 0.06)  |
| CMS-Flux (0.48, 0.61, 0.12) | CT (0.34, 0.51, 0.10)        |                          |

prior



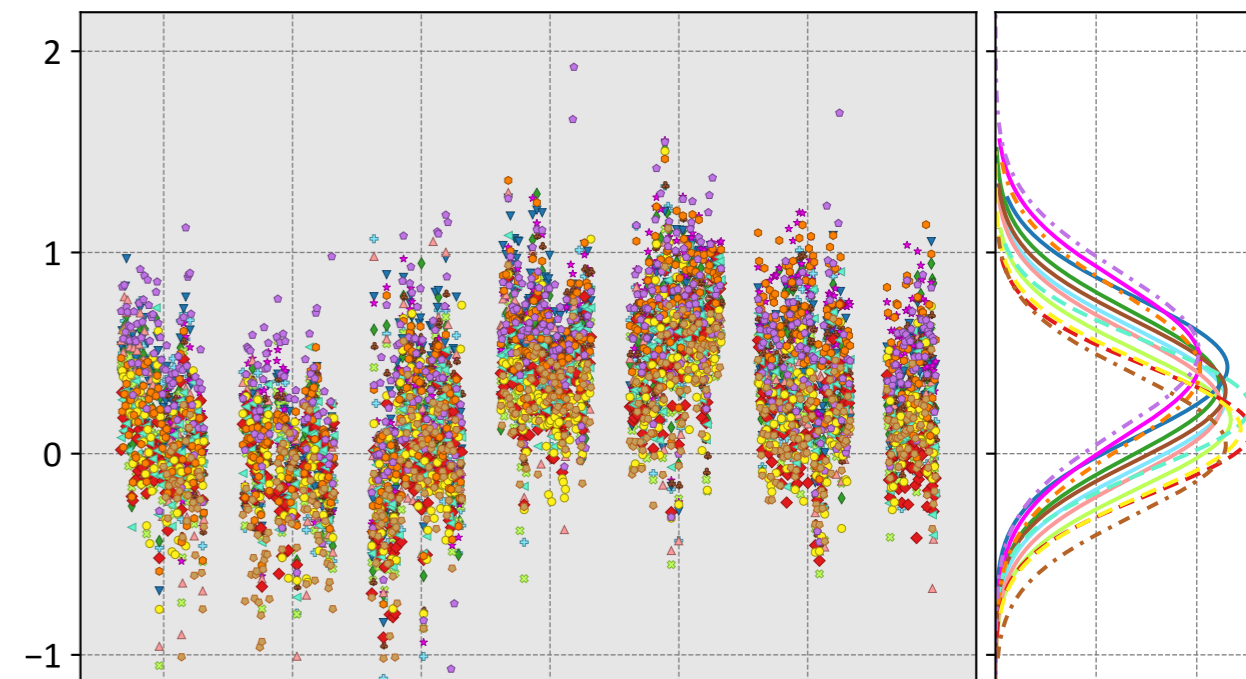
- |                               |                                |                          |
|-------------------------------|--------------------------------|--------------------------|
| CSU (0.56, 0.77, 0.10)        | WOMBAT (2.33, 2.80, 0.77)      | Weir (0.63, 0.79, 0.03)  |
| Ames (-0.54, 0.84, -0.09)     | JHU (1.27, 1.62, 0.42)         | CAMS (2.89, 3.13, 0.57)  |
| COLA (3.99, 4.13, 0.52)       | TM5-4DVAR (-0.96, 1.08, -0.10) | Baker (0.75, 0.87, 0.02) |
| UT (-0.21, 0.51, -0.03)       | OU (3.93, 4.83, 1.47)          | NIES (-0.13, 0.45, 0.05) |
| CMS-Flux (-1.79, 1.99, -0.46) | CT (-0.70, 0.87, 0.00)         |                          |

IS



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|-----------------------------|-------------------------------|--------------------------|
| CSU (0.15, 0.40, 0.05)      | WOMBAT (0.39, 0.52, 0.04)     | CT (0.17, 0.43, 0.04)    |
| Ames (0.25, 0.43, 0.07)     | JHU (0.28, 0.45, 0.06)        | CAMS (0.22, 0.39, 0.05)  |
| COLA (0.28, 0.45, 0.00)     | TM5-4DVAR (-0.07, 0.33, 0.03) | Baker (0.69, 0.78, 0.06) |
| UT (0.52, 0.62, 0.05)       | OU (0.12, 0.34, 0.06)         | NIES (0.42, 0.51, 0.05)  |
| CMS-Flux (0.47, 0.60, 0.12) |                               |                          |

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|-----------------------------|------------------------------|--------------------------|
| CSU (0.27, 0.44, 0.05)      | WOMBAT (0.24, 0.43, 0.04)    | CT (0.12, 0.35, 0.05)    |
| Ames (0.35, 0.50, 0.07)     | JHU (0.31, 0.47, 0.07)       | CAMS (0.41, 0.57, 0.13)  |
| COLA (0.17, 0.38, 0.05)     | TM5-4DVAR (0.11, 0.33, 0.05) | Baker (0.51, 0.65, 0.04) |
| UT (0.43, 0.55, 0.06)       | OU (0.23, 0.39, 0.07)        | NIES (0.04, 0.35, 0.10)  |
| CMS-Flux (0.46, 0.61, 0.13) |                              |                          |

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