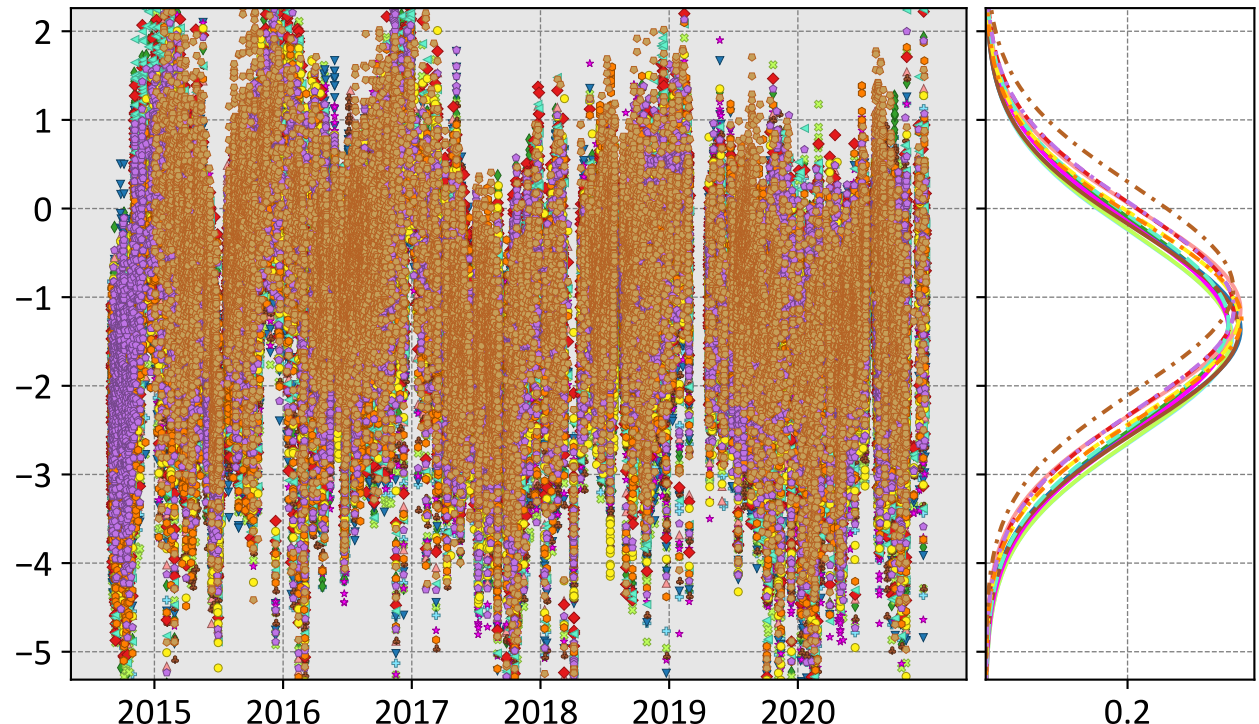


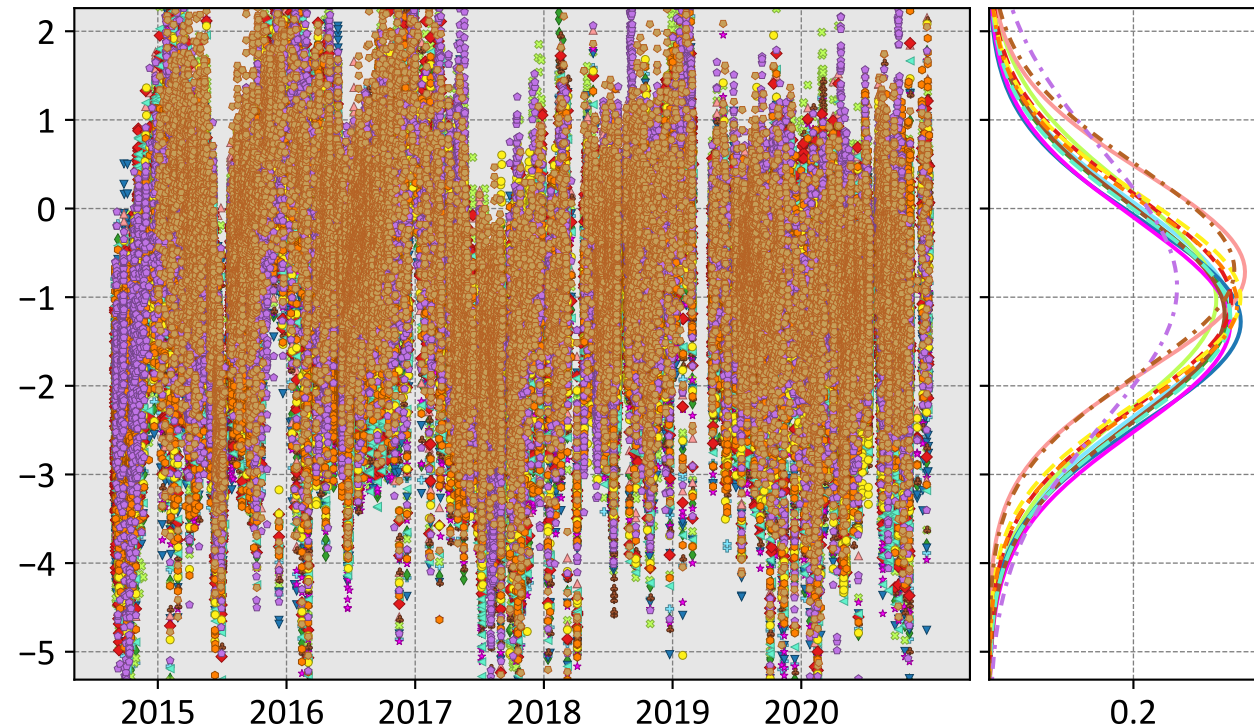
Caltech, California, USA

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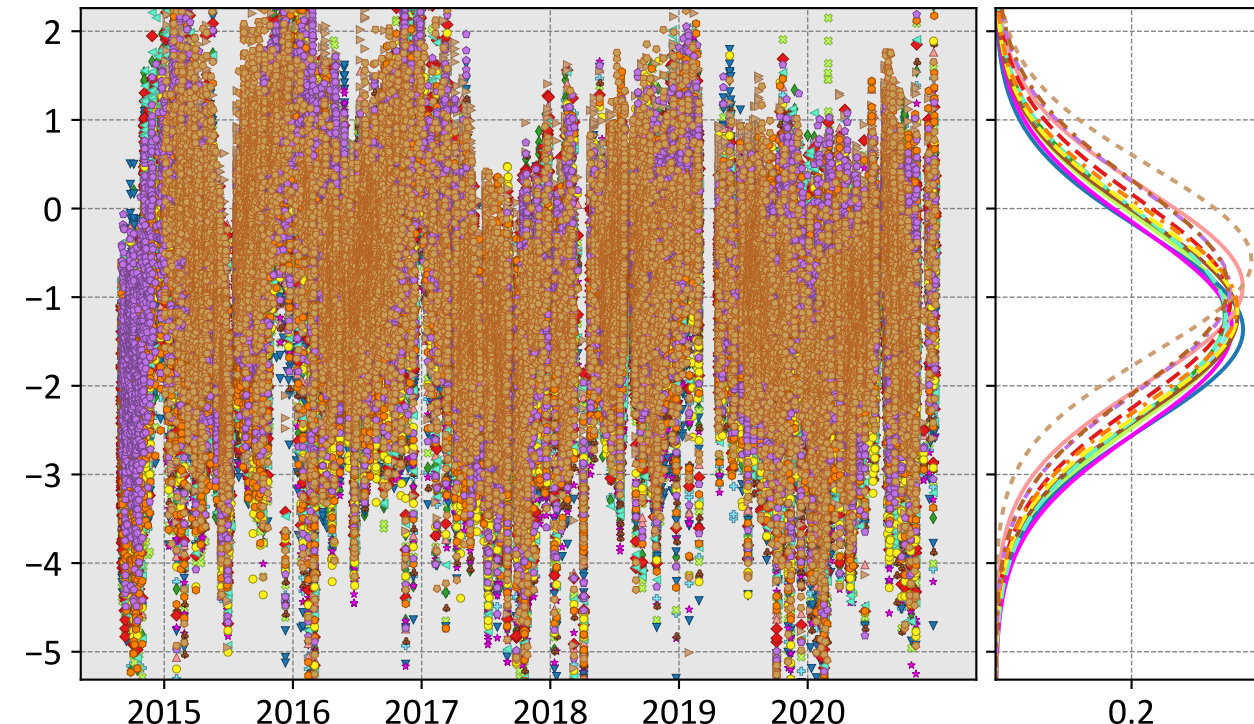
- |                               |                                |                            |
|-------------------------------|--------------------------------|----------------------------|
| CSU (-1.45, 1.85, -0.09)      | WOMBAT (-1.14, 1.59, -0.08)    | CT (-1.23, 1.67, -0.09)    |
| Ames (-1.31, 1.75, -0.06)     | JHU (-1.38, 1.77, -0.08)       | CAMS (-1.25, 1.67, 0.01)   |
| COLA (-1.44, 1.84, -0.06)     | TM5-4DVAR (-1.13, 1.61, -0.08) | Baker (-1.13, 1.60, -0.08) |
| UT (-1.36, 1.76, -0.09)       | OU (-1.28, 1.73, -0.08)        | NIES (-0.90, 1.46, -0.13)  |
| CMS-Flux (-1.36, 1.79, -0.14) |                                |                            |

OG



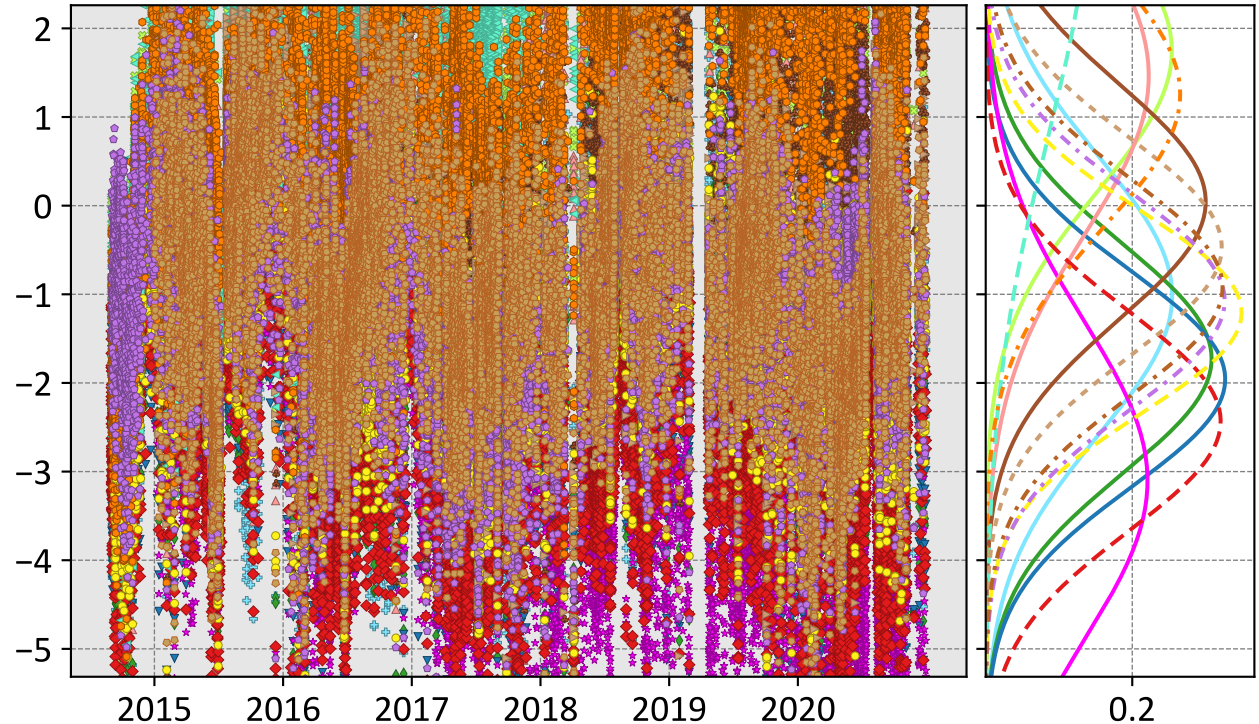
- |                               |                                |                           |
|-------------------------------|--------------------------------|---------------------------|
| CSU (-1.14, 1.65, -0.06)      | WOMBAT (-0.72, 1.33, -0.03)    | CT (-1.01, 1.52, -0.06)   |
| Ames (-1.20, 1.70, -0.04)     | JHU (-1.19, 1.71, -0.10)       | CAMS (-1.07, 1.58, 0.02)  |
| COLA (-1.03, 1.63, -0.05)     | TM5-4DVAR (-1.04, 1.58, -0.06) | Baker (-0.89, 1.77, 0.04) |
| UT (-1.28, 1.72, -0.06)       | OU (-1.22, 1.71, -0.07)        | NIES (-0.69, 1.36, -0.14) |
| CMS-Flux (-1.31, 1.77, -0.10) |                                |                           |

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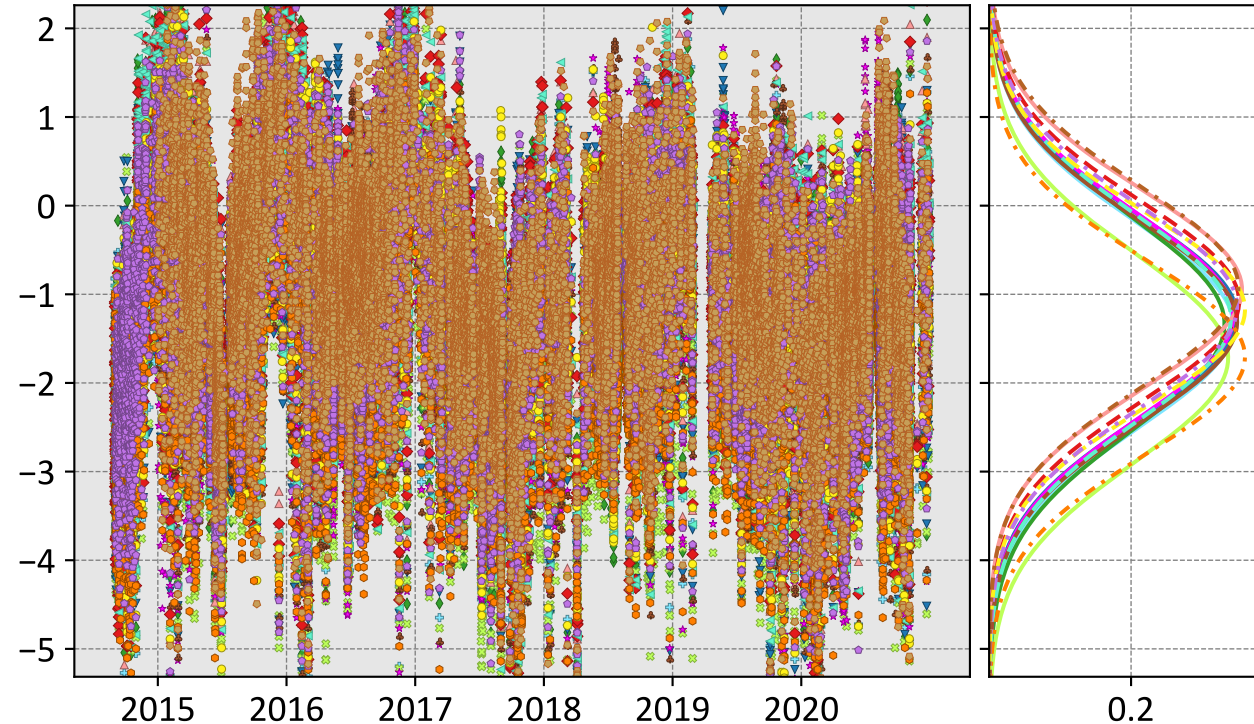
- |                               |                                |                            |
|-------------------------------|--------------------------------|----------------------------|
| CSU (-1.25, 1.71, -0.06)      | WOMBAT (-0.88, 1.41, -0.04)    | Weir (-0.59, 1.21, -0.11)  |
| Ames (-1.21, 1.70, -0.04)     | JHU (-1.22, 1.66, -0.10)       | CAMS (-1.11, 1.58, 0.02)   |
| COLA (-1.27, 1.71, -0.04)     | TM5-4DVAR (-1.04, 1.56, -0.07) | Baker (-0.90, 1.47, -0.07) |
| UT (-1.36, 1.75, -0.06)       | OU (-1.20, 1.68, -0.07)        | NIES (-0.89, 1.47, -0.14)  |
| CMS-Flux (-1.35, 1.78, -0.11) | CT (-1.18, 1.62, -0.06)        |                            |

prior



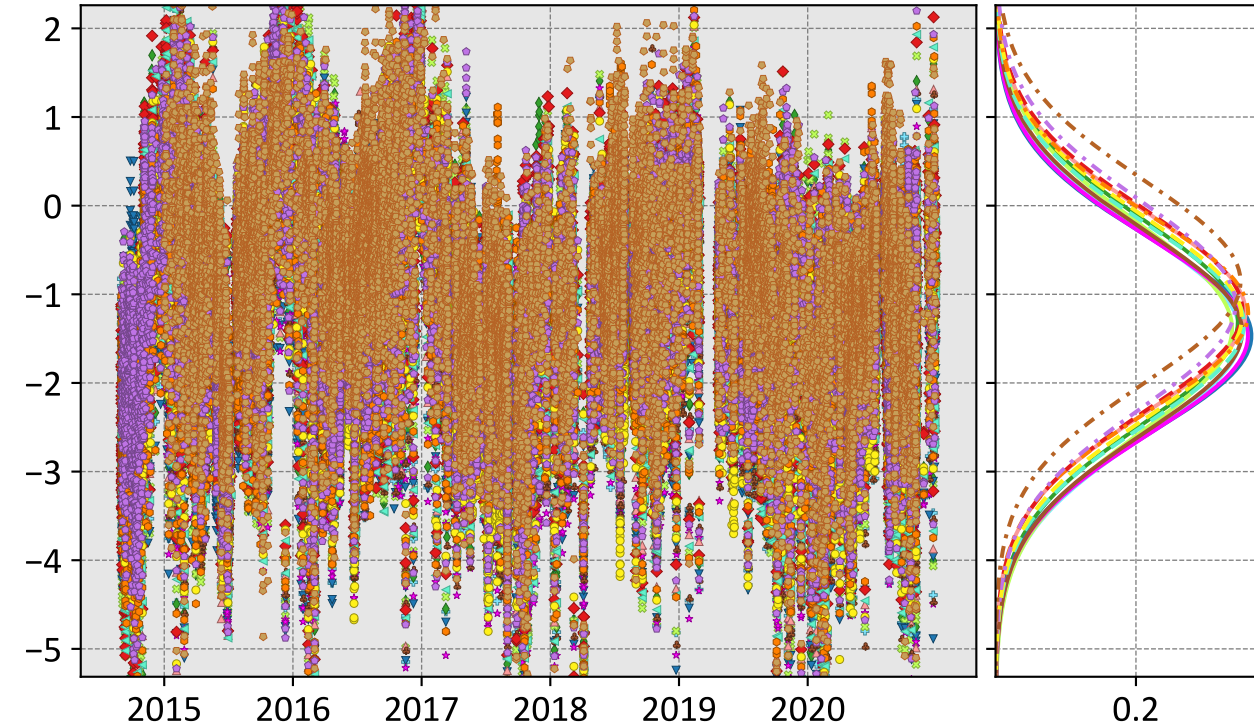
- |                               |                                |                            |
|-------------------------------|--------------------------------|----------------------------|
| CSU (-1.02, 1.87, -0.14)      | WOMBAT (1.46, 2.32, 0.61)      | Weir (-0.47, 1.32, -0.19)  |
| Ames (-1.73, 2.16, -0.21)     | JHU (0.04, 1.33, 0.21)         | CAMS (1.26, 1.96, 0.49)    |
| COLA (1.75, 2.35, 0.46)       | TM5-4DVAR (-2.43, 2.73, -0.20) | Baker (-1.07, 1.63, -0.08) |
| UT (-1.96, 2.31, -0.13)       | OU (3.61, 4.60, 1.40)          | NIES (-0.92, 1.54, -0.12)  |
| CMS-Flux (-3.10, 3.59, -0.67) | CT (-1.20, 1.66, -0.08)        |                            |

IS



- |                               |                                |                            |
|-------------------------------|--------------------------------|----------------------------|
| CSU (-1.35, 1.78, -0.08)      | WOMBAT (-0.95, 1.47, -0.06)    | CT (-1.17, 1.61, -0.08)    |
| Ames (-1.33, 1.80, -0.06)     | JHU (-1.31, 1.74, -0.07)       | CAMS (-1.71, 2.03, -0.06)  |
| COLA (-1.72, 2.09, -0.07)     | TM5-4DVAR (-1.08, 1.57, -0.08) | Baker (-1.14, 1.62, -0.07) |
| UT (-1.25, 1.70, -0.08)       | OU (-1.27, 1.73, -0.09)        | NIES (-0.92, 1.46, -0.11)  |
| CMS-Flux (-1.25, 1.70, -0.03) |                                |                            |

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- |                               |                                |                            |
|-------------------------------|--------------------------------|----------------------------|
| CSU (-1.46, 1.85, -0.09)      | WOMBAT (-1.20, 1.64, -0.08)    | CT (-1.27, 1.70, -0.10)    |
| Ames (-1.31, 1.75, -0.06)     | JHU (-1.42, 1.82, -0.13)       | CAMS (-1.21, 1.64, 0.01)   |
| COLA (-1.39, 1.83, -0.05)     | TM5-4DVAR (-1.18, 1.64, -0.07) | Baker (-1.12, 1.62, -0.08) |
| UT (-1.47, 1.83, -0.06)       | OU (-1.33, 1.75, -0.08)        | NIES (-0.86, 1.43, -0.11)  |
| CMS-Flux (-1.47, 1.84, -0.11) |                                |                            |

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