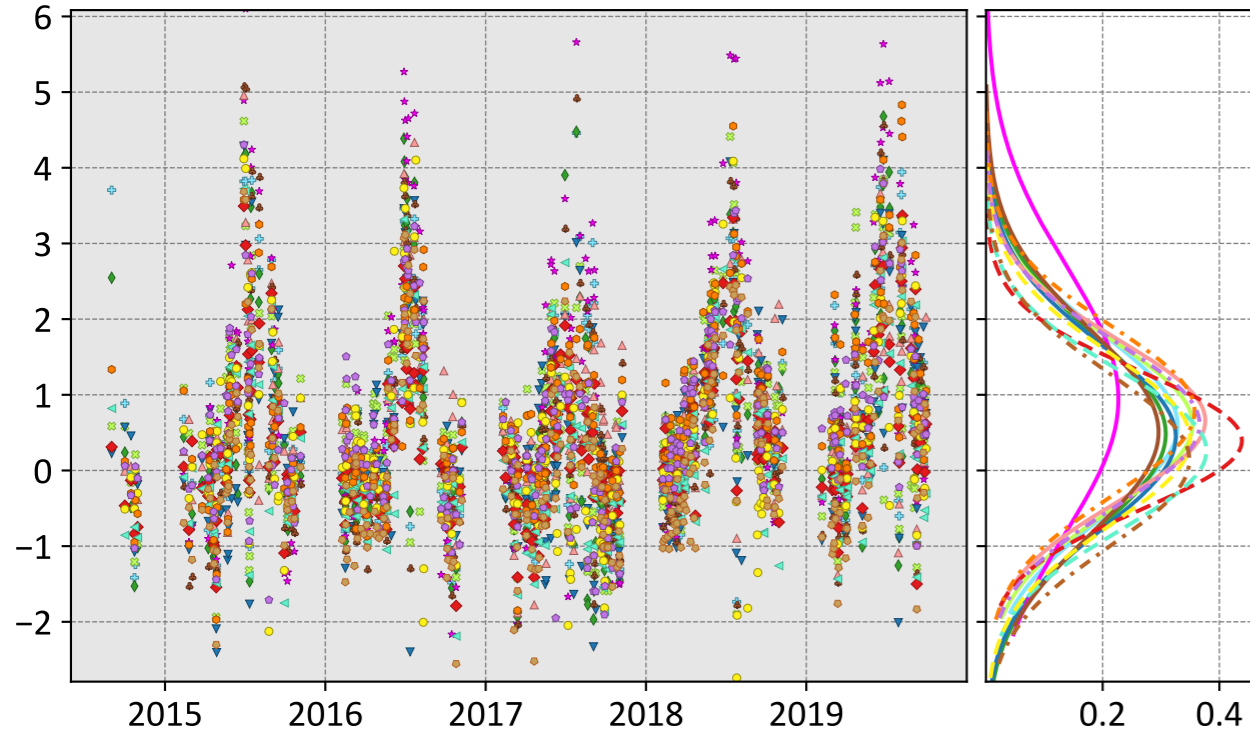


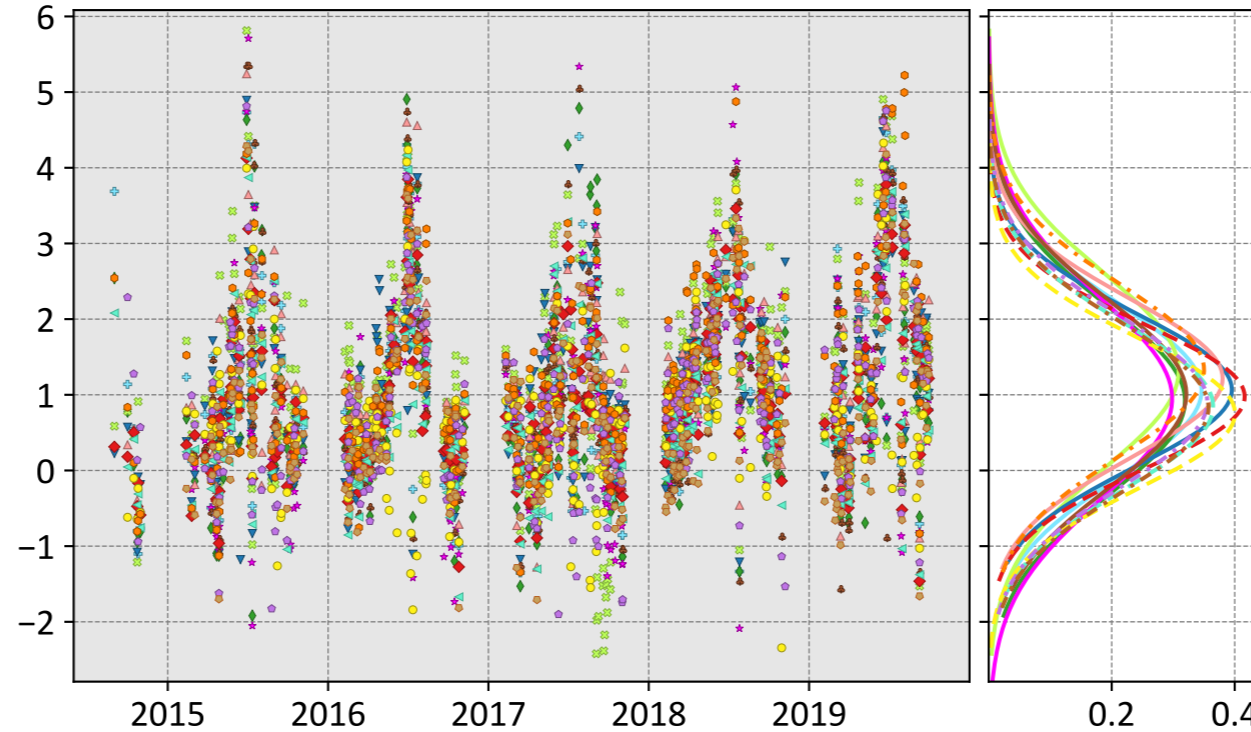
Rikubetsu, Hokkaido, Japan (1 day bins)

LNLGIS



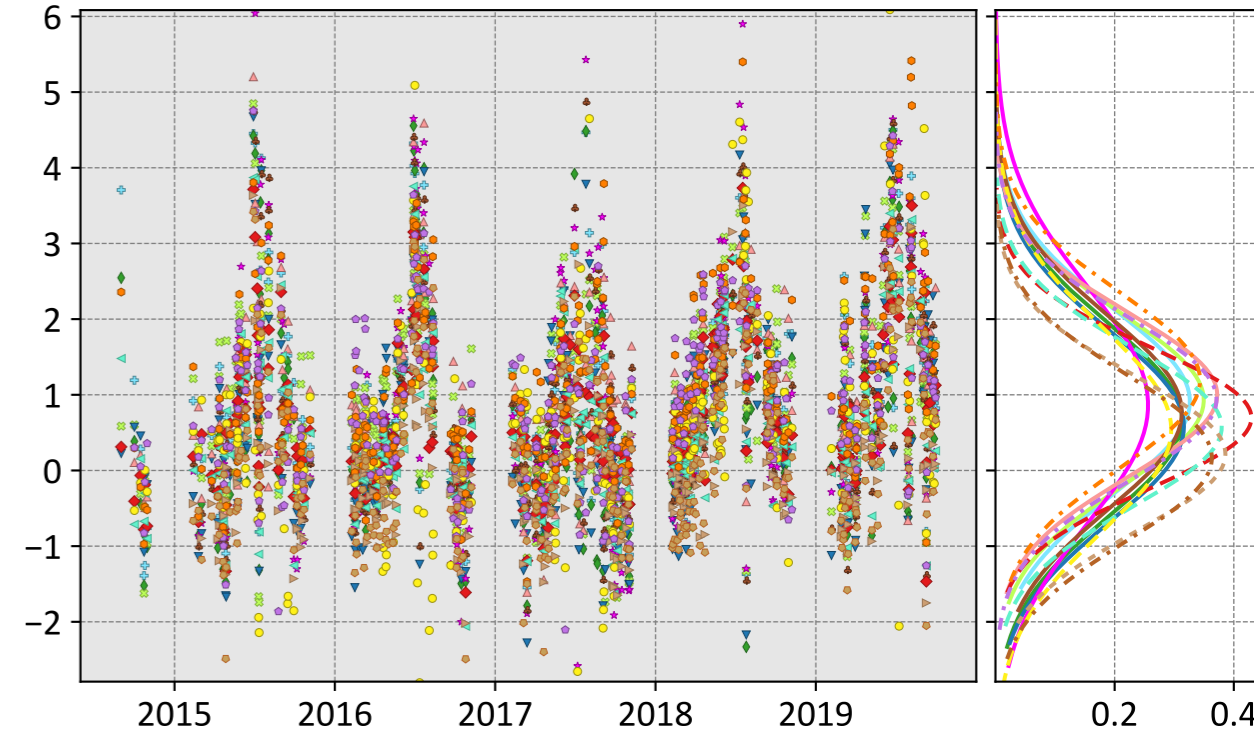
- |                             |                              |                          |
|-----------------------------|------------------------------|--------------------------|
| CSU (0.60, 1.35, 0.13)      | WOMBAT (0.66, 1.25, 0.11)    | CT (0.41, 1.21, 0.05)    |
| Ames (0.48, 1.38, 0.13)     | JHU (0.51, 1.44, 0.12)       | CAMS (0.78, 1.36, 0.32)  |
| COLA (0.61, 1.28, 0.10)     | TM5-4DVAR (0.39, 0.99, 0.13) | Baker (0.61, 1.25, 0.13) |
| UT (0.44, 1.30, 0.17)       | OU (0.26, 1.09, 0.09)        | NIES (0.14, 1.15, 0.12)  |
| CMS-Flux (0.95, 2.00, 0.18) |                              |                          |

OG



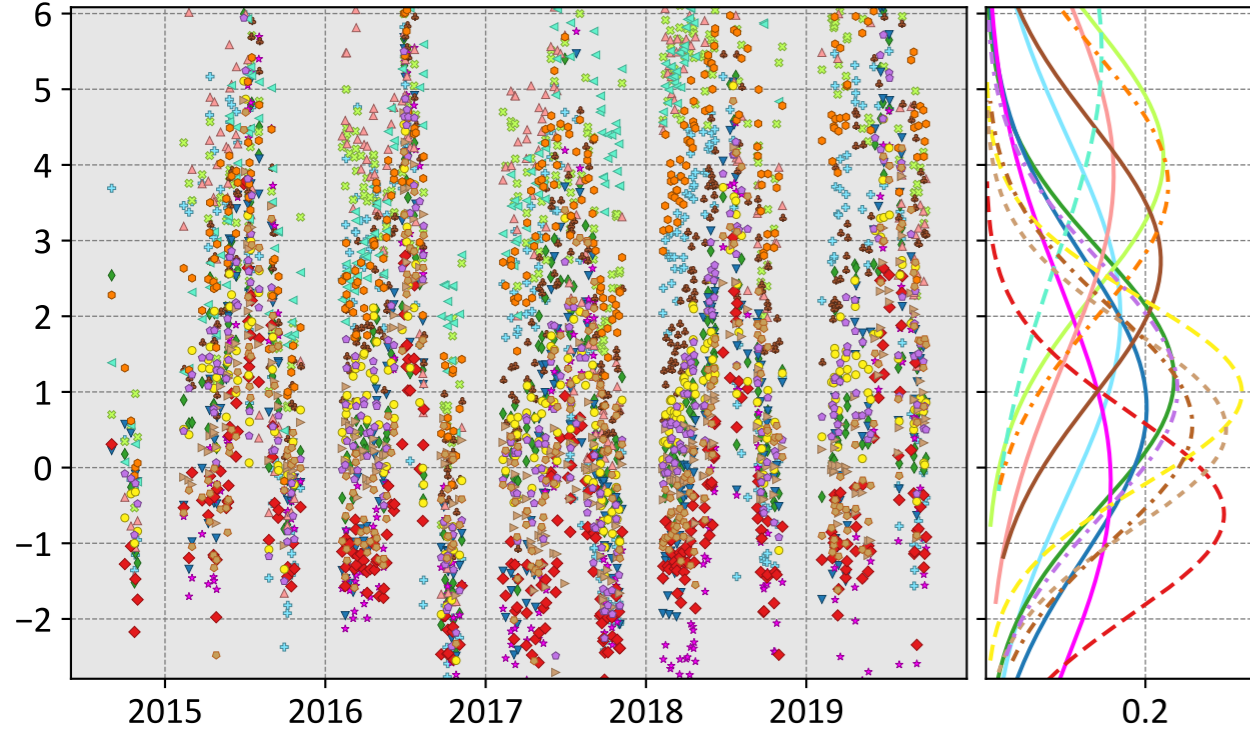
- |                             |                              |                          |
|-----------------------------|------------------------------|--------------------------|
| CSU (1.06, 1.57, 0.12)      | WOMBAT (1.22, 1.61, 0.14)    | CT (0.75, 1.25, 0.13)    |
| Ames (0.92, 1.55, 0.12)     | JHU (1.01, 1.60, 0.05)       | CAMS (1.33, 1.75, 0.31)  |
| COLA (1.32, 1.84, 0.12)     | TM5-4DVAR (0.97, 1.37, 0.16) | Baker (0.91, 1.44, 0.19) |
| UT (1.07, 1.47, 0.20)       | OU (0.85, 1.38, 0.16)        | NIES (0.83, 1.39, 0.12)  |
| CMS-Flux (0.95, 1.64, 0.15) |                              |                          |

LNLGOGIS



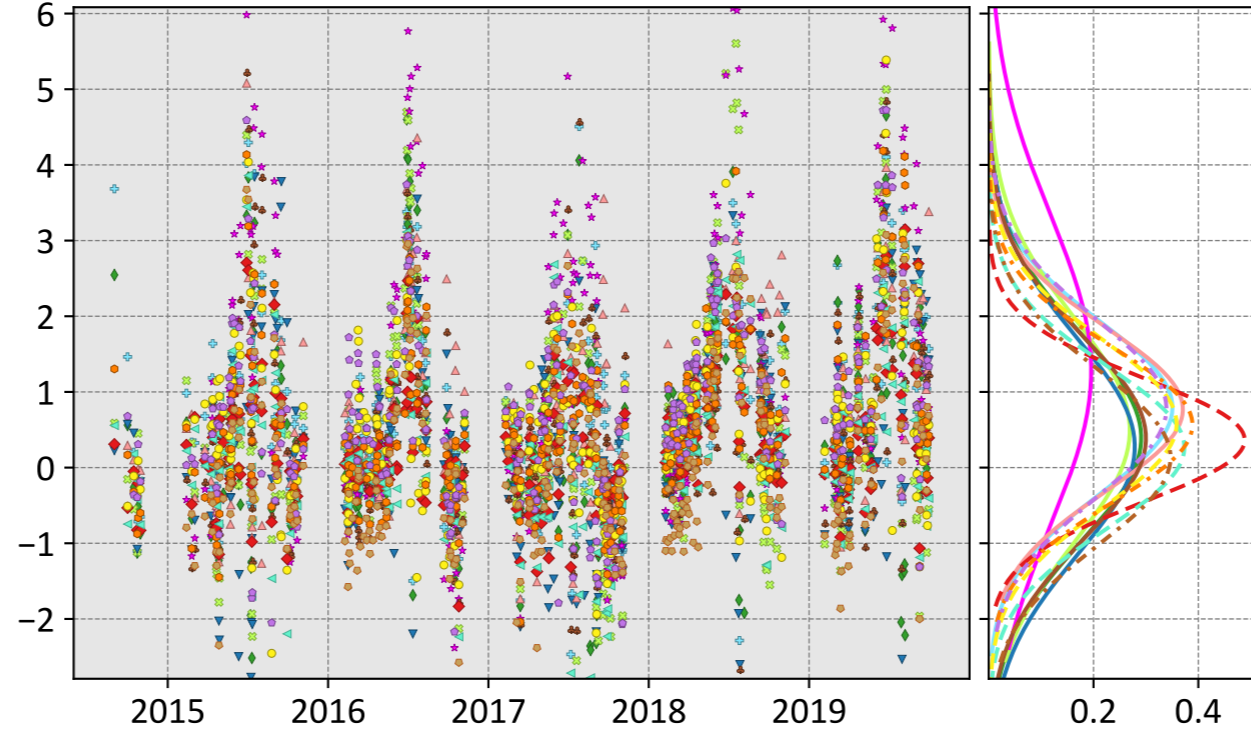
- |                             |                              |                          |
|-----------------------------|------------------------------|--------------------------|
| CSU (0.91, 1.53, 0.15)      | WOMBAT (1.00, 1.47, 0.15)    | Weir (0.22, 1.06, 0.13)  |
| Ames (0.67, 1.44, 0.14)     | JHU (0.77, 1.49, 0.14)       | CAMS (1.19, 1.66, 0.31)  |
| COLA (0.93, 1.47, 0.12)     | TM5-4DVAR (0.70, 1.16, 0.17) | Baker (0.94, 1.43, 0.18) |
| UT (0.58, 1.39, 0.21)       | OU (0.57, 1.20, 0.13)        | NIES (0.17, 1.11, 0.13)  |
| CMS-Flux (0.86, 1.78, 0.13) | CT (0.54, 1.46, 0.27)        |                          |

prior



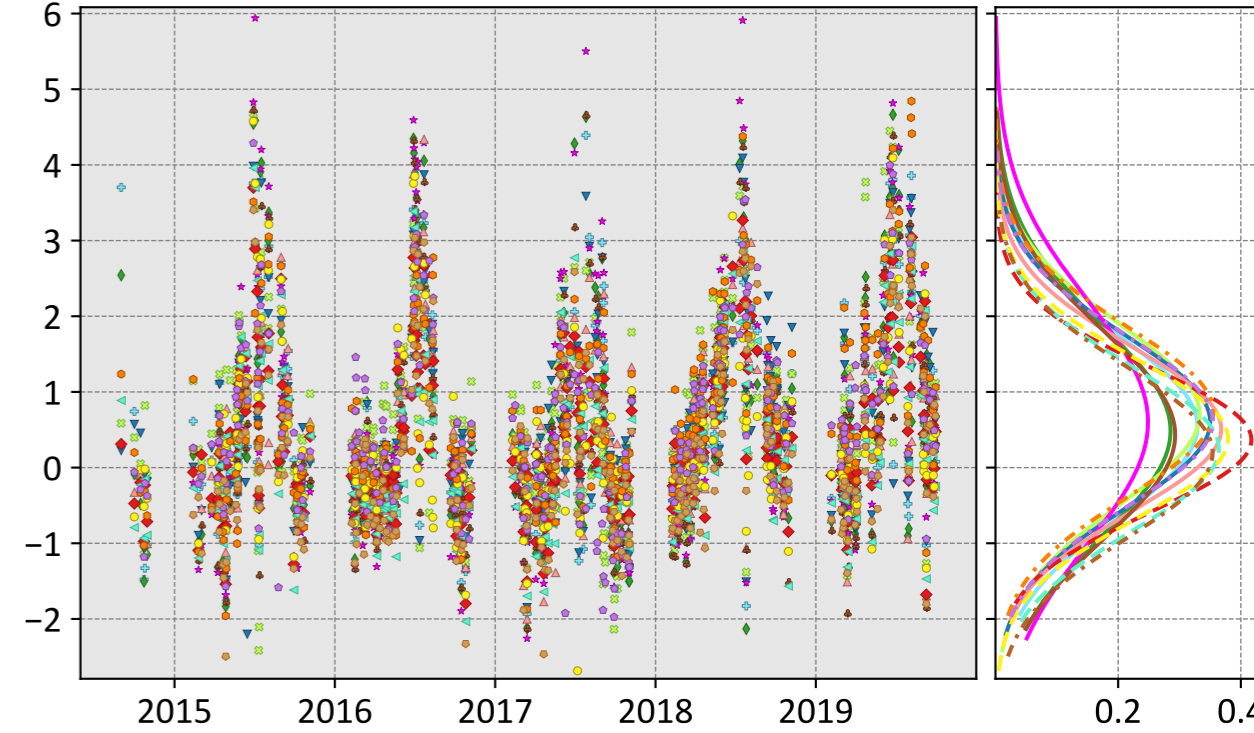
- |                               |                               |                          |
|-------------------------------|-------------------------------|--------------------------|
| CSU (2.00, 3.10, 0.04)        | WOMBAT (3.87, 4.60, 0.72)     | Weir (0.51, 1.42, -0.10) |
| Ames (1.18, 2.06, 0.06)       | JHU (2.73, 3.28, 0.33)        | CAMS (3.73, 4.12, 0.72)  |
| COLA (4.08, 4.46, 0.69)       | TM5-4DVAR (-0.62, 1.47, 0.00) | Baker (1.03, 1.95, 0.13) |
| UT (0.79, 2.13, 0.06)         | OU (5.48, 6.13, 1.55)         | NIES (0.57, 1.64, 0.17)  |
| CMS-Flux (-0.19, 2.56, -0.49) | CT (0.99, 1.59, 0.11)         |                          |

IS



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|-----------------------------|------------------------------|--------------------------|
| CSU (0.79, 1.39, 0.16)      | WOMBAT (0.77, 1.32, 0.18)    | CT (0.58, 1.25, 0.14)    |
| Ames (0.39, 1.43, 0.13)     | JHU (0.39, 1.39, 0.09)       | CAMS (0.57, 1.17, 0.23)  |
| COLA (0.49, 1.56, 0.11)     | TM5-4DVAR (0.36, 0.89, 0.15) | Baker (0.78, 1.41, 0.17) |
| UT (0.28, 1.46, 0.16)       | OU (0.27, 1.10, 0.09)        | NIES (0.13, 1.16, 0.14)  |
| CMS-Flux (1.29, 2.41, 0.18) |                              |                          |

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|-----------------------------|------------------------------|--------------------------|
| CSU (0.54, 1.33, 0.13)      | WOMBAT (0.51, 1.20, 0.08)    | CT (0.38, 1.12, 0.04)    |
| Ames (0.49, 1.48, 0.12)     | JHU (0.43, 1.43, 0.12)       | CAMS (0.73, 1.34, 0.32)  |
| COLA (0.70, 1.39, 0.15)     | TM5-4DVAR (0.37, 1.02, 0.12) | Baker (0.61, 1.28, 0.12) |
| UT (0.61, 1.29, 0.18)       | OU (0.25, 1.12, 0.09)        | NIES (0.20, 1.14, 0.17)  |
| CMS-Flux (0.60, 1.71, 0.11) |                              |                          |