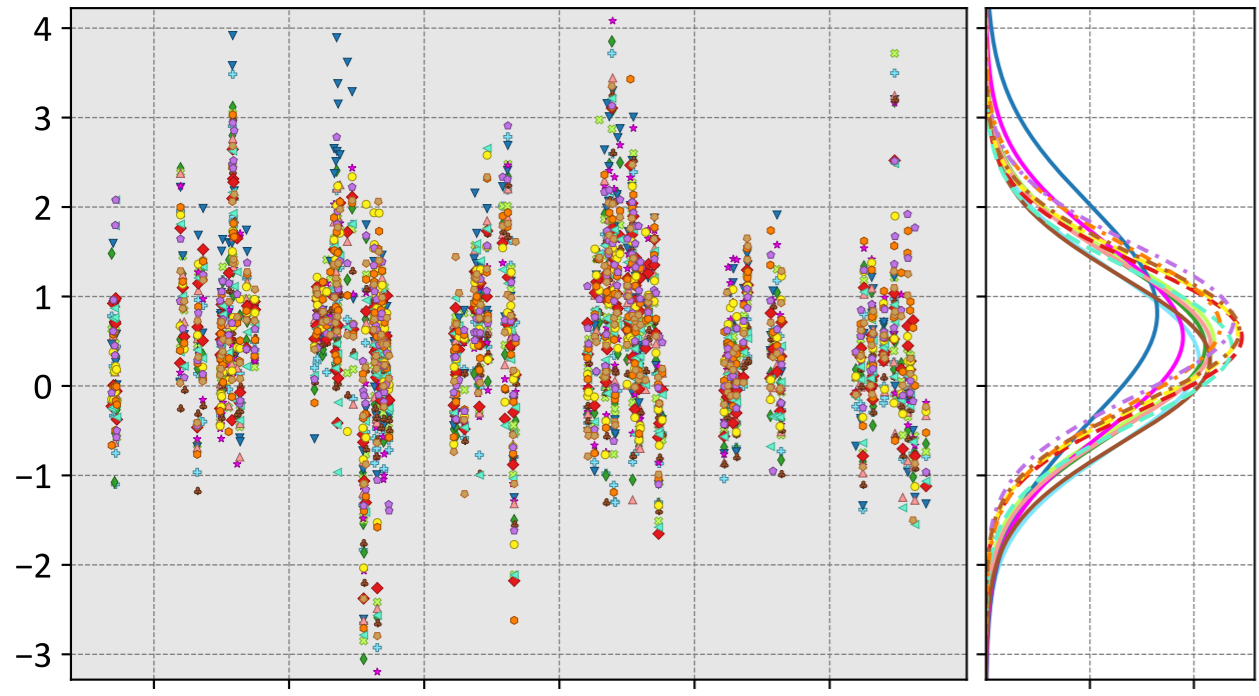


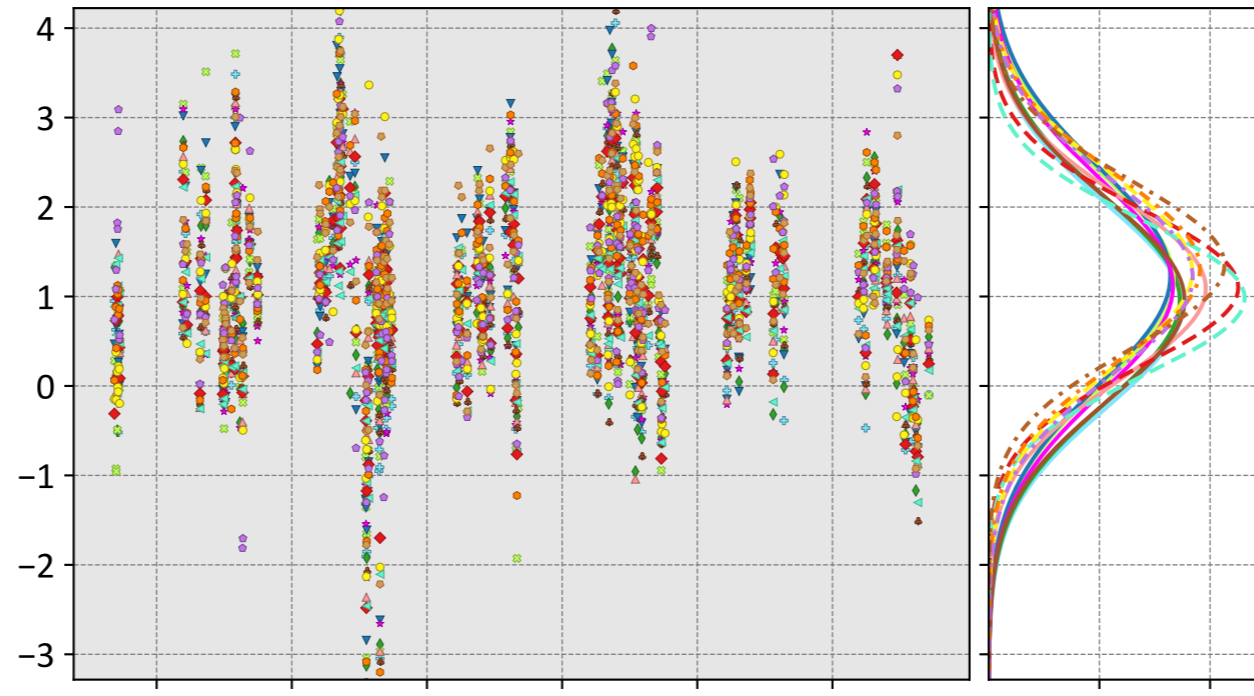
Bremen, Bremen, Germany (1 day bins)

LNLGIS



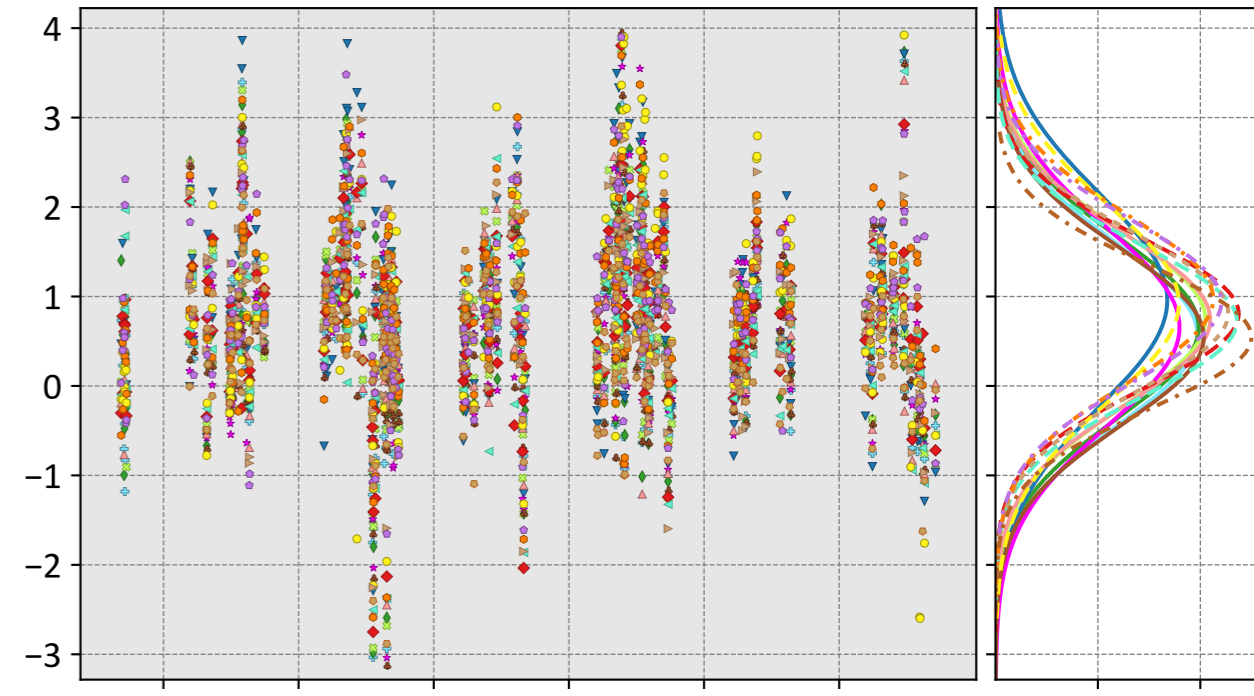
- | | | |
|-----------------------------|-------------------------------|---------------------------|
| CSU (0.29, 1.02, -0.05) | WOMBAT (0.45, 1.03, -0.08) | CT (0.59, 1.01, -0.01) |
| Ames (0.44, 1.04, -0.03) | JHU (0.29, 0.97, -0.03) | CAMS (0.67, 1.11, 0.05) |
| COLA (0.49, 1.03, -0.04) | TM5-4DVAR (0.54, 0.98, -0.05) | Baker (0.73, 1.11, -0.01) |
| UT (0.81, 1.46, -0.11) | OU (0.43, 0.95, -0.07) | NIES (0.62, 1.02, -0.05) |
| CMS-Flux (0.55, 1.19, 0.05) | | |

OG



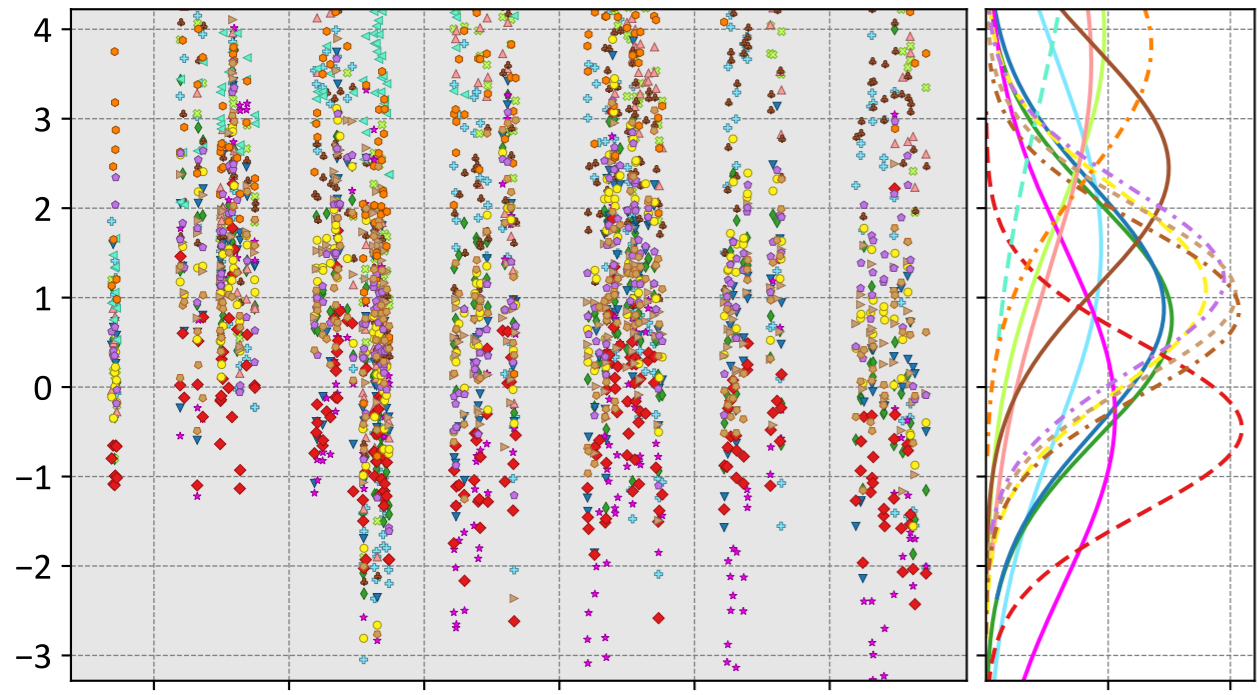
- | | | |
|-----------------------------|------------------------------|--------------------------|
| CSU (0.90, 1.45, 0.02) | WOMBAT (1.09, 1.49, 0.00) | CT (1.28, 1.68, 0.03) |
| Ames (0.96, 1.50, 0.06) | JHU (0.96, 1.48, 0.05) | CAMS (1.31, 1.68, 0.10) |
| COLA (1.18, 1.68, 0.06) | TM5-4DVAR (1.10, 1.41, 0.05) | Baker (1.21, 1.63, 0.10) |
| UT (1.23, 1.73, -0.01) | OU (0.98, 1.31, 0.04) | NIES (1.36, 1.65, -0.05) |
| CMS-Flux (1.11, 1.63, 0.07) | | |

LNLGGIS



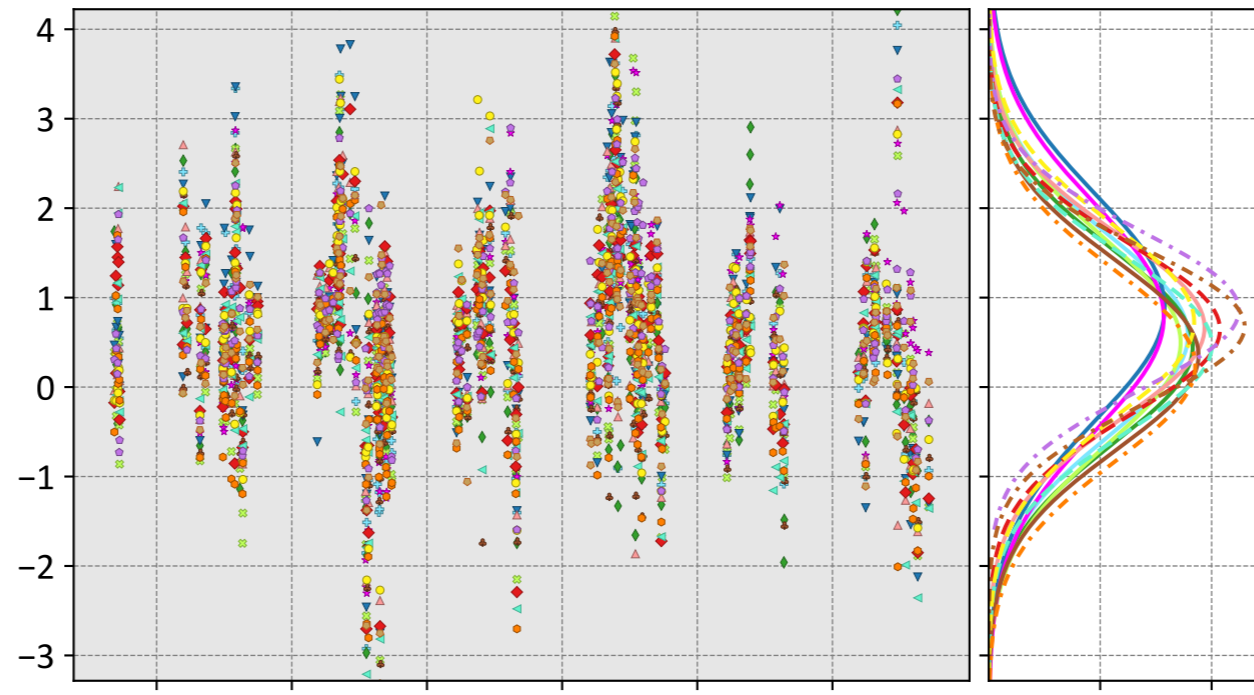
- | | | |
|-----------------------------|------------------------------|--------------------------|
| CSU (0.57, 1.16, 0.00) | WOMBAT (0.74, 1.21, -0.02) | Weir (0.82, 1.20, -0.02) |
| Ames (0.65, 1.20, 0.02) | JHU (0.55, 1.12, 0.03) | CAMS (0.97, 1.35, 0.09) |
| COLA (0.74, 1.23, 0.03) | TM5-4DVAR (0.81, 1.17, 0.01) | Baker (0.94, 1.31, 0.04) |
| UT (0.96, 1.53, -0.07) | OU (0.72, 1.11, -0.02) | NIES (0.54, 0.97, -0.07) |
| CMS-Flux (0.66, 1.29, 0.05) | CT (0.92, 1.45, 0.07) | |

prior



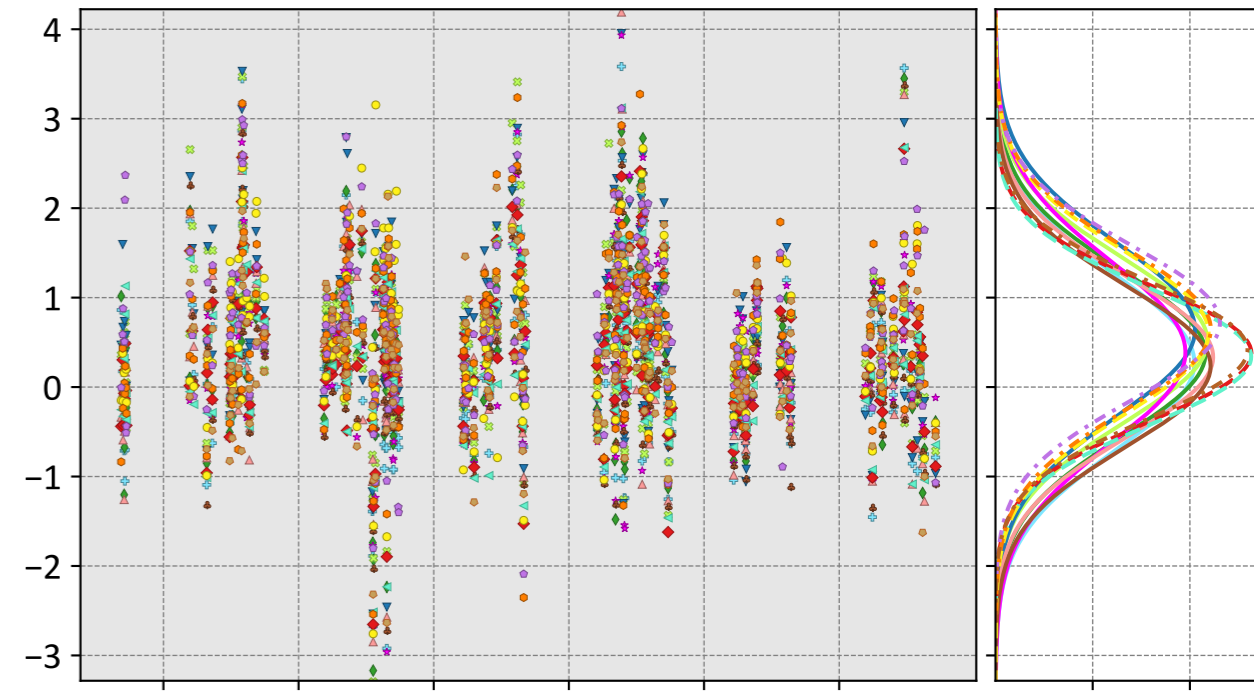
- | | | |
|-------------------------------|--------------------------------|--------------------------|
| CSU (1.57, 2.63, 0.01) | WOMBAT (3.63, 4.30, 0.74) | Weir (1.03, 1.42, -0.28) |
| Ames (0.75, 1.51, -0.07) | JHU (2.45, 2.79, 0.33) | CAMS (3.81, 4.08, 0.54) |
| COLA (3.95, 4.45, 0.65) | TM5-4DVAR (-0.46, 1.06, -0.11) | Baker (1.20, 1.58, 0.05) |
| UT (0.88, 1.63, -0.13) | OU (5.93, 6.53, 1.50) | NIES (0.86, 1.29, -0.08) |
| CMS-Flux (-0.31, 1.91, -0.68) | CT (1.08, 1.55, 0.08) | |

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|-----------------------------|-------------------------------|--------------------------|
| CSU (0.58, 1.26, -0.05) | WOMBAT (0.66, 1.23, -0.11) | CT (0.73, 1.30, -0.00) |
| Ames (0.45, 1.18, -0.01) | JHU (0.35, 1.12, 0.00) | CAMS (0.24, 1.10, -0.02) |
| COLA (0.50, 1.26, 0.05) | TM5-4DVAR (0.64, 1.16, -0.06) | Baker (0.86, 1.24, 0.03) |
| UT (0.89, 1.55, -0.10) | OU (0.47, 1.10, -0.08) | NIES (0.68, 1.10, -0.05) |
| CMS-Flux (0.78, 1.49, 0.17) | | |

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|-----------------------------|-------------------------------|---------------------------|
| CSU (0.27, 1.01, -0.05) | WOMBAT (0.34, 0.95, -0.05) | CT (0.61, 1.09, -0.03) |
| Ames (0.38, 1.00, -0.01) | JHU (0.23, 0.93, -0.05) | CAMS (0.65, 1.11, 0.05) |
| COLA (0.52, 1.05, -0.07) | TM5-4DVAR (0.38, 0.85, -0.01) | Baker (0.72, 1.12, -0.02) |
| UT (0.64, 1.16, -0.10) | OU (0.34, 0.83, -0.03) | NIES (0.42, 0.87, 0.00) |
| CMS-Flux (0.39, 1.09, 0.01) | | |