Ethane – U. of Colorado CAMS vs UCI WAS

\[ y = a + bx \]

\[ a = 72.2 \pm 7.5 \]

\[ b = 0.997 \pm 0.004 \]

\[ R^2 = 0.968 \]

Average = -0.041 ± 0.087

75th Percentile
Median
25th Percentile
Data:
• WAS Merge: korusaq-mrgWAS-dc8_merge_20160426_R3_thru20160618.ict (only data from flights 20160501-20160609 used in analysis – non-transit flights)

Correlation:
• Fit lines are derived from orthogonal distance regressions.
• R² values are calculated independently, not from orthogonal distance regression.

Difference dependence on Ethane value:
• Relative Difference calculated by [WAS – CAMS] / WAS.
• Median, 25th, and 75th percentiles based on 150 data point bins after data is sorted by WAS values.