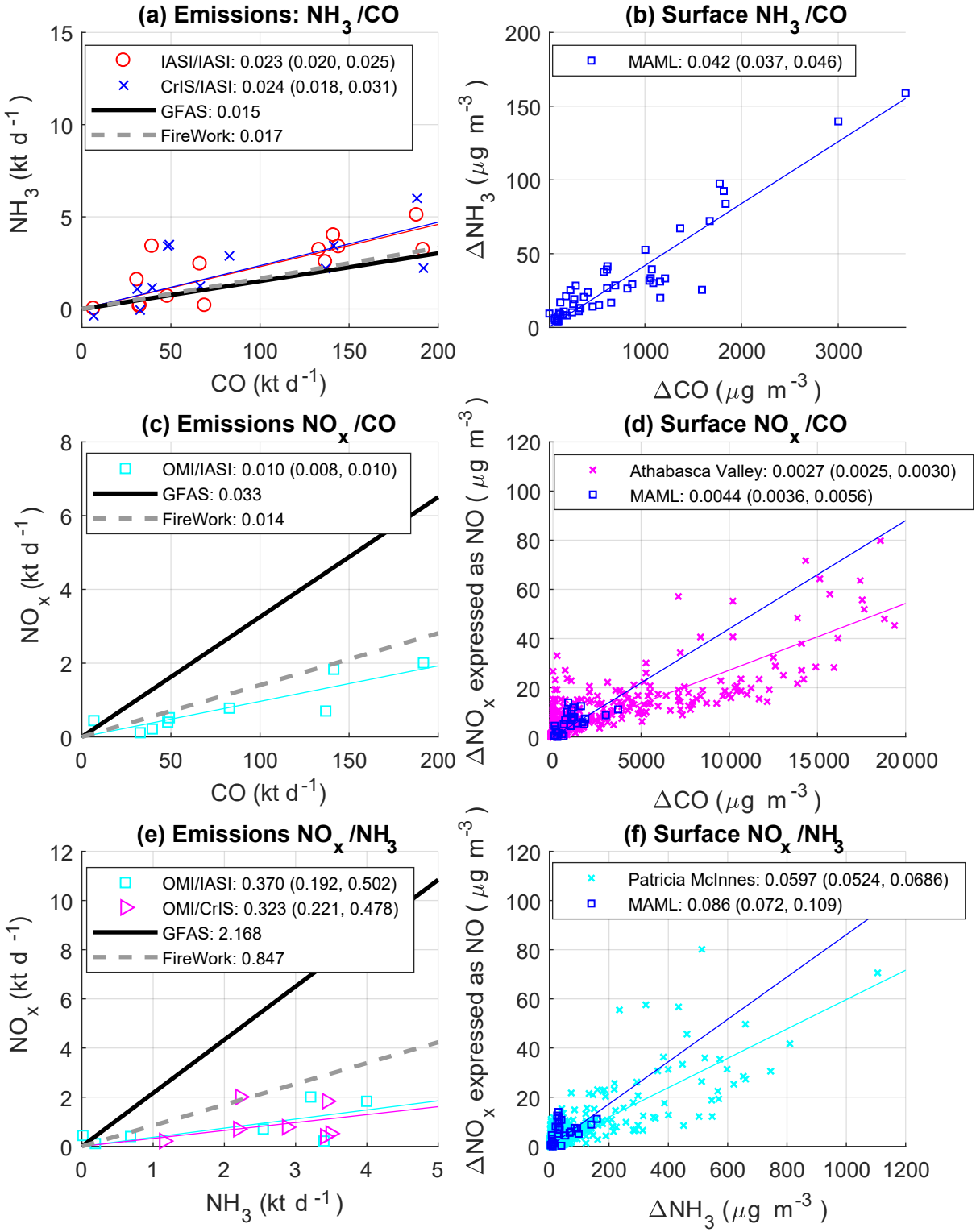
(a) Emissions: NH3 /CO
IASI/IASI: 0.023 (0.020, 0.025)
CrIS/IASI: 0.024 (0.018, 0.031)
GFAS: 0.015
FireWork: 0.017
NH3 (kt d -1)
CO (kt d -1)
(b) Surface NH3 /CO
MAML: 0.042 (0.037, 0.046)
ΔNH3 (μg m-3)
ΔCO (μg m-3)
(c) Emissions NOx /CO
OMI/IASI: 0.010 (0.008, 0.010)
GFAS: 0.033
FireWork: 0.014
NOx (kt d -1)
CO (kt d -1)
(d) Surface NOx /CO
Athabasca Valley: 0.0027 (0.0025, 0.0030)
MAML: 0.0044 (0.0036, 0.0056)
ΔNOx expressed as NO (μg m-3)
ΔCO (μg m-3)
(e) Emissions NOx /NH3
OMI/IASI: 0.370 (0.192, 0.502)
OMI/CrIS: 0.323 (0.221, 0.478)
GFAS: 2.168
FireWork: 0.847
NOx (kt d -1)
NH3 (kt d -1)
(f) Surface NOx /NH3
Patricia McInnes: 0.0597 (0.0524, 0.0686)
MAML: 0.086 (0.072, 0.109)
ΔNOx expressed as NO (μg m-3)
ΔNH3 (μg m-3)