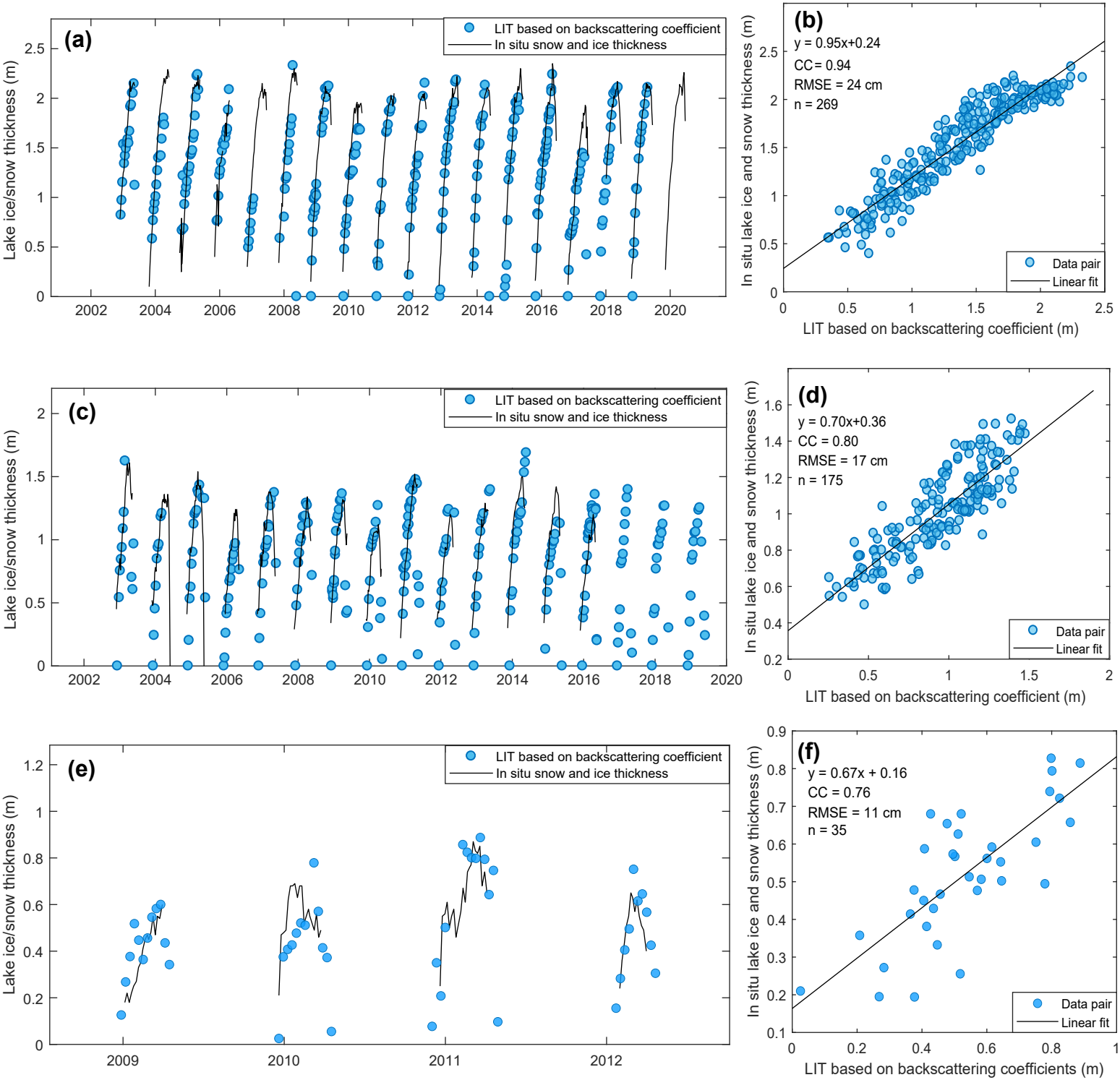
(a)
LIT based on backscattering coefficient
In situ snow and ice thickness
Lake ice/snow thickness (m)
(b)
y = 0.95x+0.24
CC= 0.94
RMSE = 24 cm
n = 269
Data pair
Linear fit
In situ lake ice and snow thickness (m)
LIT based on backscattering coefficient (m)
(c)
LIT based on backscattering coefficient
In situ snow and ice thickness
Lake ice/snow thickness (m)
(d)
y = 0.70x+0.36
CC = 0.80
RMSE = 17 cm
n = 175
Data pair
Linear fit
In situ lake ice and snow thickness (m)
LIT based on backscattering coefficient (m)
(e)
LIT based on backscattering coefficient
In situ snow and ice thickness
Lake ice/snow thickness (m)
(f)
y = 0.67x + 0.16
CC = 0.76
RMSE = 11 cm
n = 35
Data pair
Linear fit
In situ lake ice and snow thickness (m)
LIT based on backscattering coefficients (m)