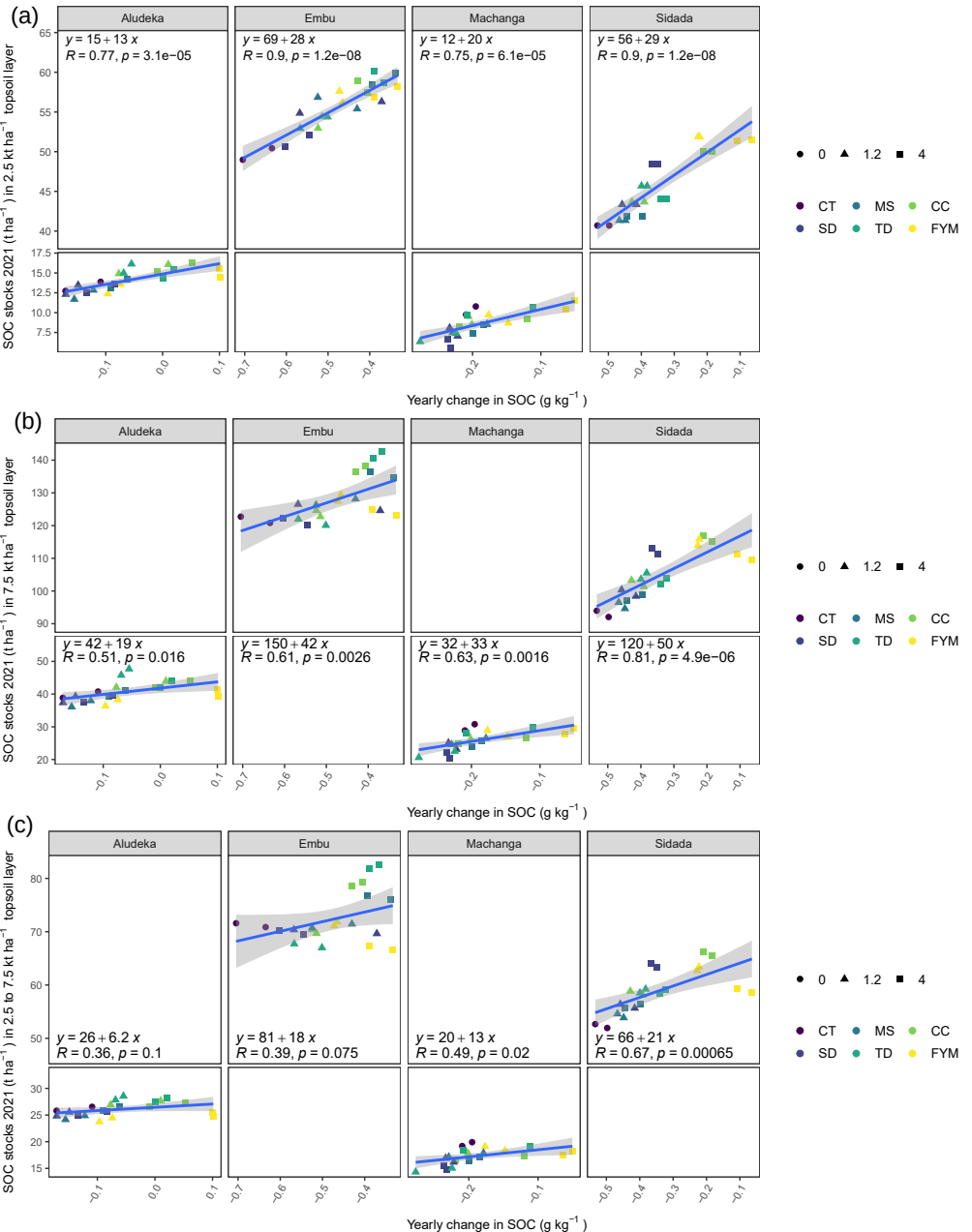
(a)
Aludeka
Embu
Machanga
Sidada
y = 15 + 13 x
R = 0.77, p = 3.1e−05
y = 69 + 28 x
R = 0.9, p = 1.2e−08
y = 12 + 20 x
R = 0.75, p = 6.1e−05
y = 56 + 29 x
R = 0.9, p = 1.2e−08
SOC stocks 2021 (t ha−1) in 2.5 kt ha−1 topsoil layer
Yearly change in SOC (g kg−1)
0
1.2
4
CT
MS
CC
SD
TD
FYM
(b)
y = 42 + 19 x
R = 0.51, p = 0.016
y = 150 + 42 x
R = 0.61, p = 0.0026
y = 32 + 33 x
R = 0.63, p = 0.0016
y = 120 + 50 x
R = 0.81, p = 4.9e−06
SOC stocks 2021 (t ha−1) in 7.5 kt ha−1 topsoil layer
(c)
y = 26 + 6.2 x
R = 0.36, p = 0.1
y = 81 + 18 x
R = 0.39, p = 0.075
y = 20 + 13 x
R = 0.49, p = 0.02
y = 66 + 21 x
R = 0.67, p = 0.00065
SOC stocks 2021 (t ha−1) in 2.5 to 7.5 kt ha−1 topsoil layer