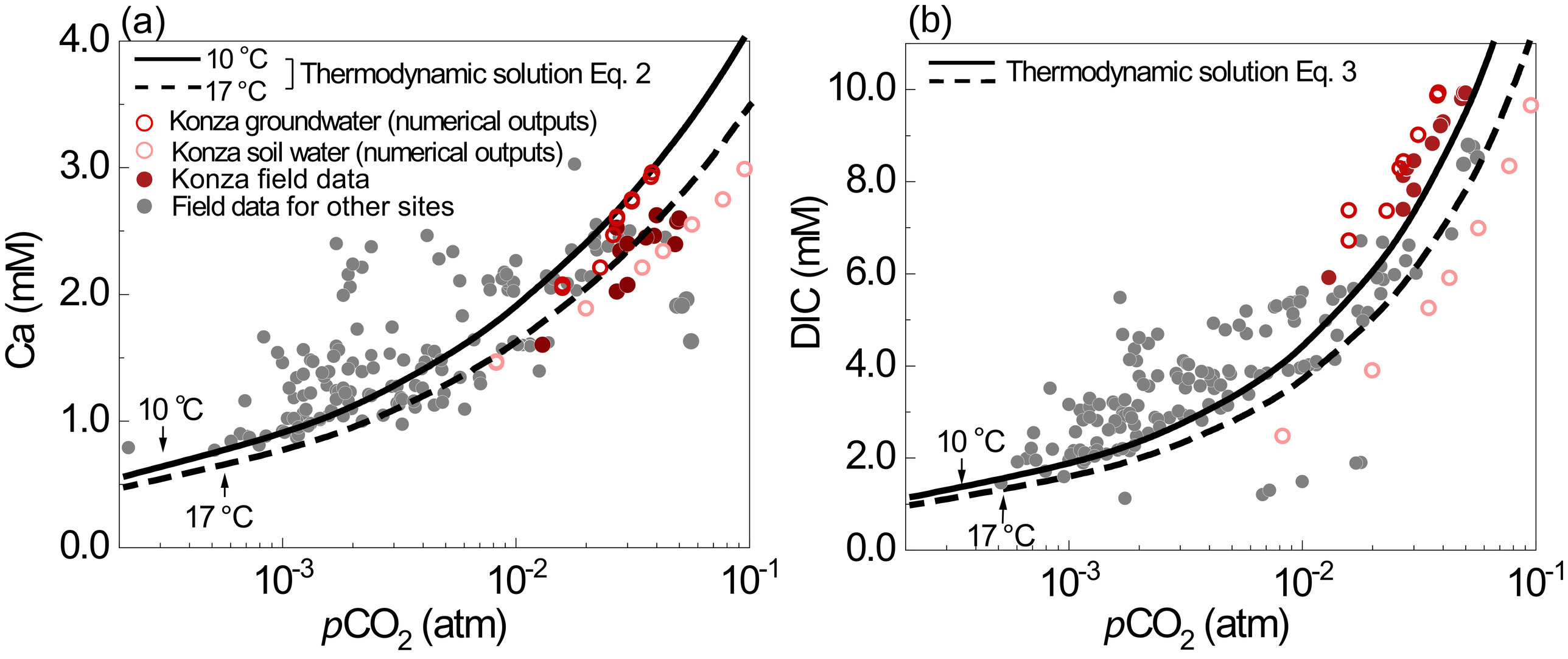
(a)
10 °C
17 °C
Thermodynamic solution Eq. 2
Konza groundwater (numerical outputs)
Konza soil water (numerical outputs)
Konza field data
Field data for other sites
Ca (mM)
4.0
3.0
2.0
1.0
0.0
10 °C
17 °C
10^{-3}
10^{-2}
10^{-1}
pCO_2 (atm)
(b)
Thermodynamic solution Eq. 3
DIC (mM)
10.0
8.0
6.0
4.0
2.0
0.0
10 °C
17 °C
10^{-3}
10^{-2}
10^{-1}
pCO_2 (atm)