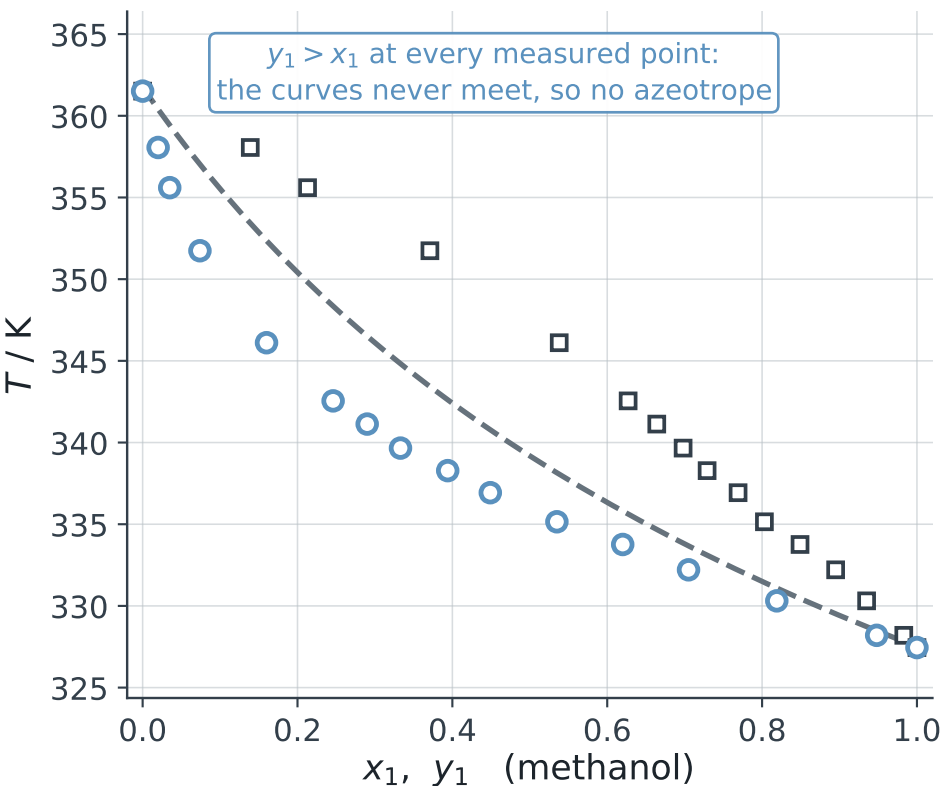


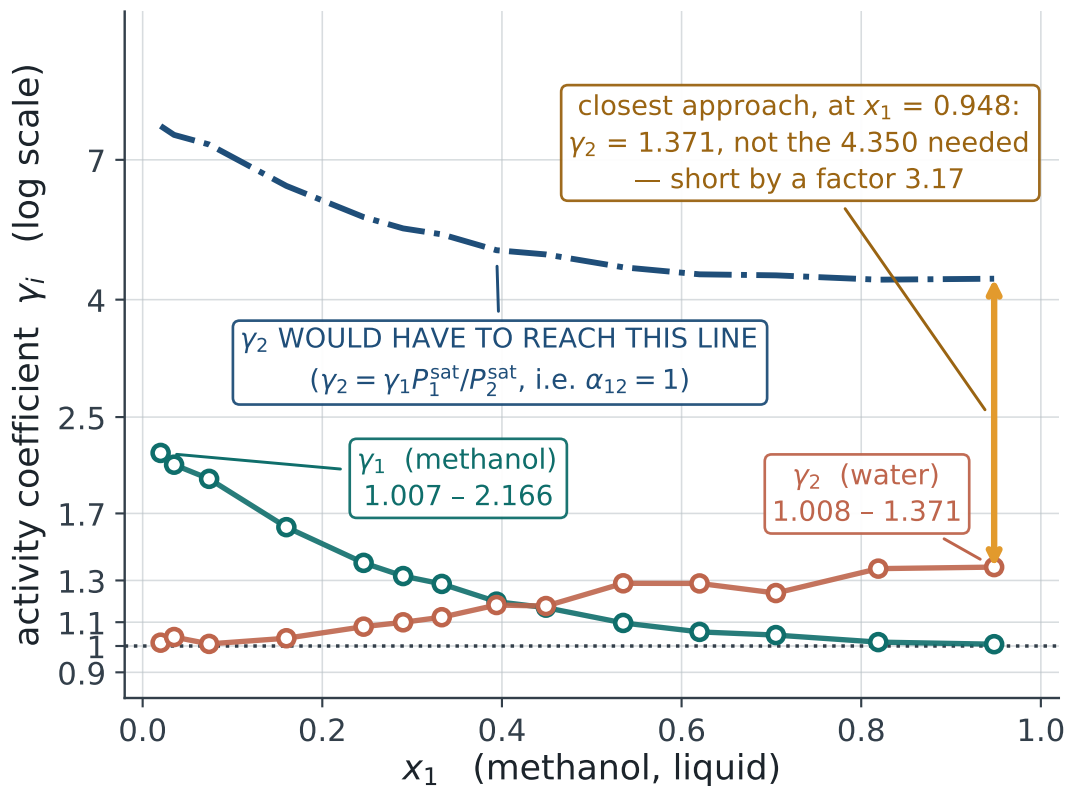
NOT A TYPE — counterexample — positive deviation, NO azeotrope

--- Raoult's law ($\gamma_i = 1$) ○ measured, bubble (x_1) □ measured, dew (y_1) ● γ_1 methanol ● γ_2 water

(a) T - x - y , isobaric, $P = 66.52$ kPa



(b) γ_1 and γ_2 from the same measurements



methanol (1) + water (2) · 16 points, isobaric, $P = 66.52$ kPa · doi:10.1021/je300613v

$\gamma_i = y_i P / (x_i P_i^{\text{sat}})$: modified Raoult, ideal vapour, Antoine P_i^{sat} . Nothing here is fitted.