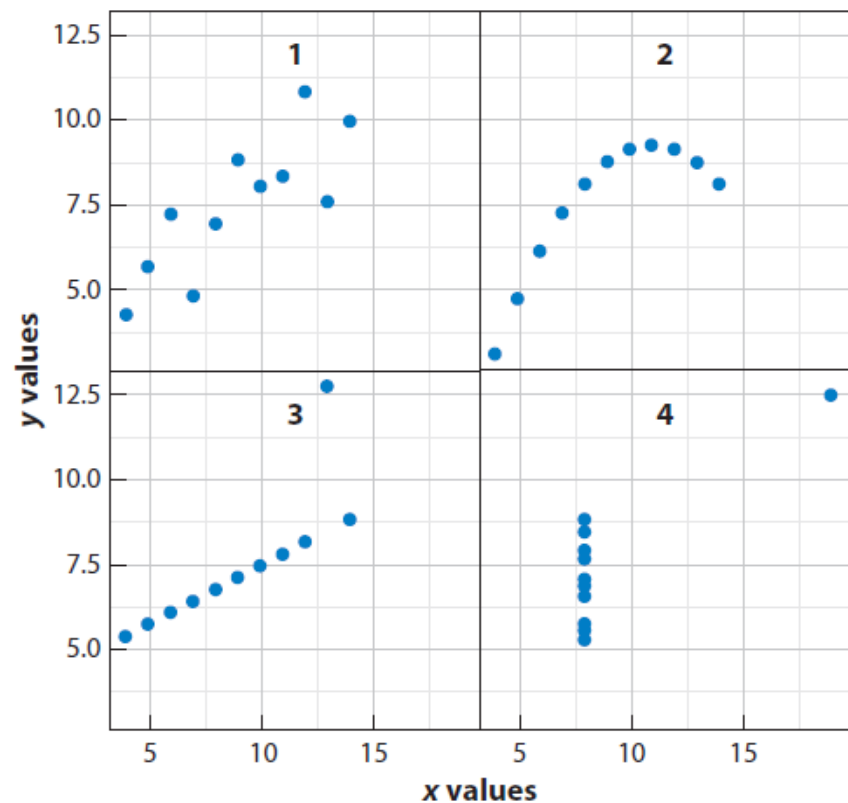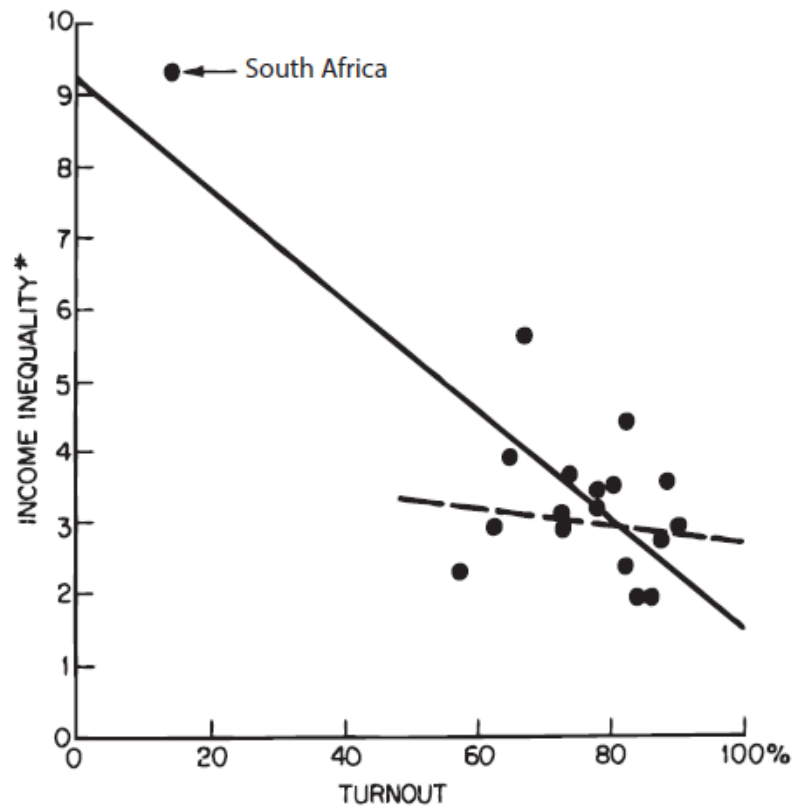**a** Anscombe's quartet (1973)

For all panels, $N = 11$; mean $= 7.5$; regression: $Y = 3 + 0.5(X)$; $r = 0.82$.
SE of slope estimate: 0.118, $t = 4.24$; sum of squares $(X - X)$: 100

b Jackman (1980)

Key. —— Bivariate slope including South Africa ($N = 18$)
- - - Bivariate slope excluding South Africa ($N = 17$)