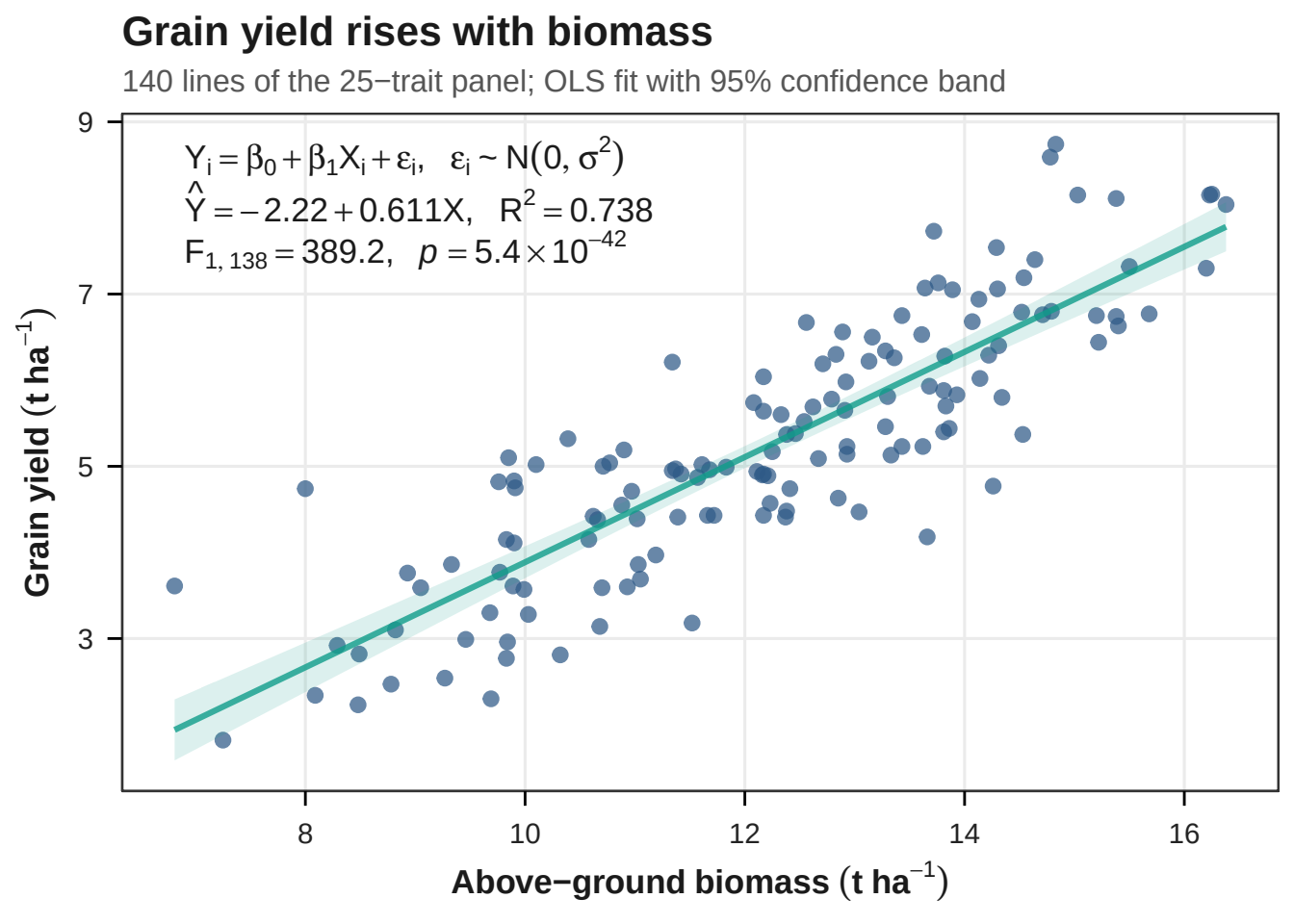

Grain yield rises with biomass
140 lines of the 25−trait panel; OLS fit with 95% confidence band
$Y_i = \beta_0 + \beta_1 X_i + \varepsilon_i, \quad \varepsilon_i \sim N(0, \sigma^2)$
$\hat{Y} = -2.22 + 0.611X, \quad R^2 = 0.738$
$F_{1,\,138} = 389.2, \quad p = 5.4 \times 10^{-42}$
Grain yield (t ha^{-1})
Above−ground biomass (t ha^{-1})
9
7
5
3
8
10
12
14
16