Figure 1
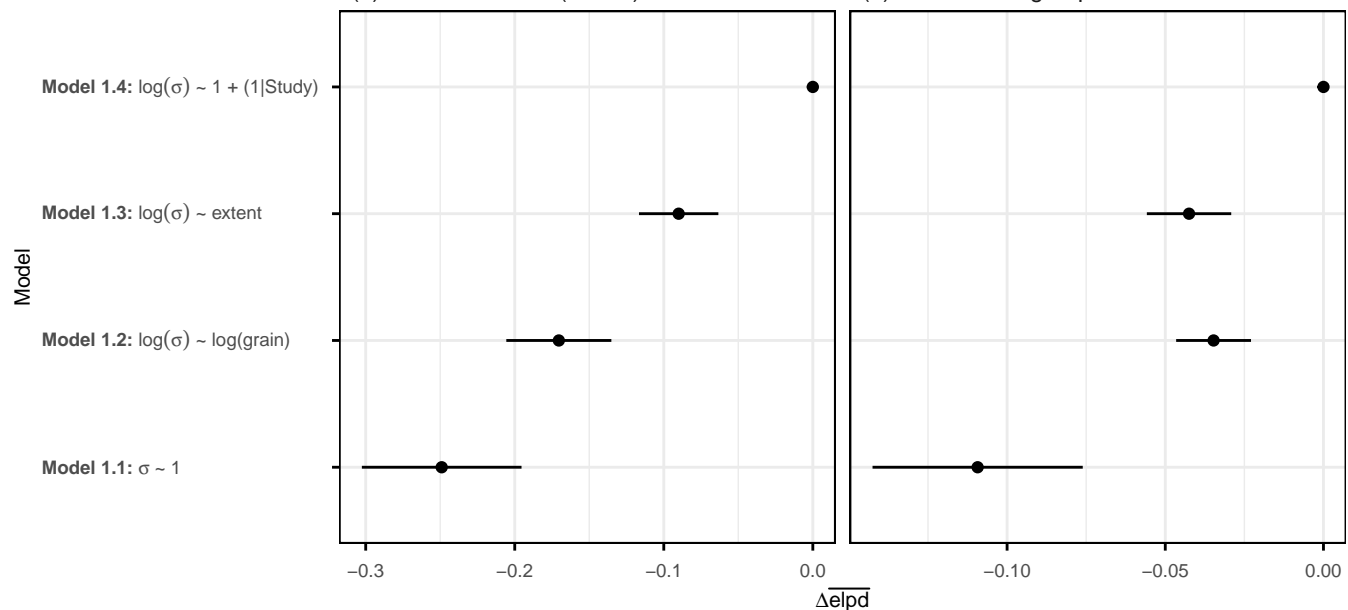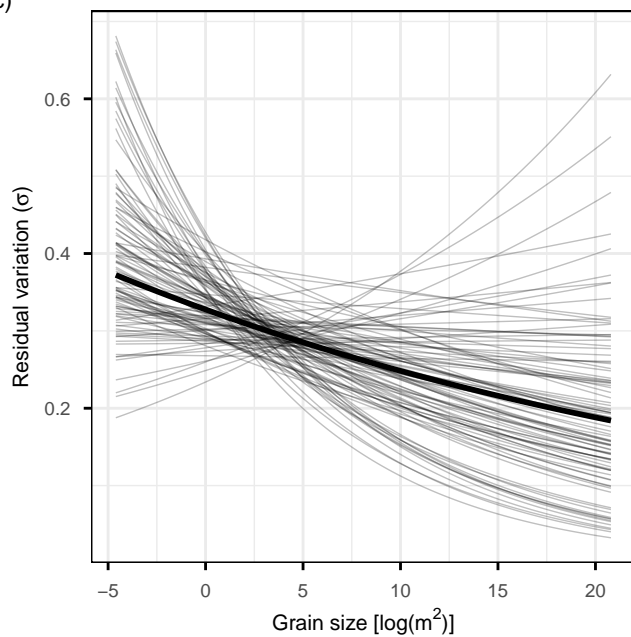

(a) Stratified k−fold (k = 10) cross validation

(b) Leave−one−group−out cross validation

Model 1.4: $\log(\sigma) \sim 1 + (1|\text{Study})$

Model 1.3: $\log(\sigma) \sim \text{extent}$

Model 1.2: $\log(\sigma) \sim \log(\text{grain})$

Model 1.1: $\sigma \sim 1$

$\Delta\overline{\text{elpd}}$

(c)

Residual variation (σ)

Grain size [$\log(m^2)$]

(d)

Residual variation (σ)

Extent [km^2]

n = 62   n = 18   n = 30   n = 31   n = 12   n = 37   n = 14

(0−10)   [10−100)   [10^2−10^3)   [10^3−10^4)   [10^4−10^5)   [10^5−10^6)   [10^6−)