

# 1 Results

## 1.1 Posterior predictive results

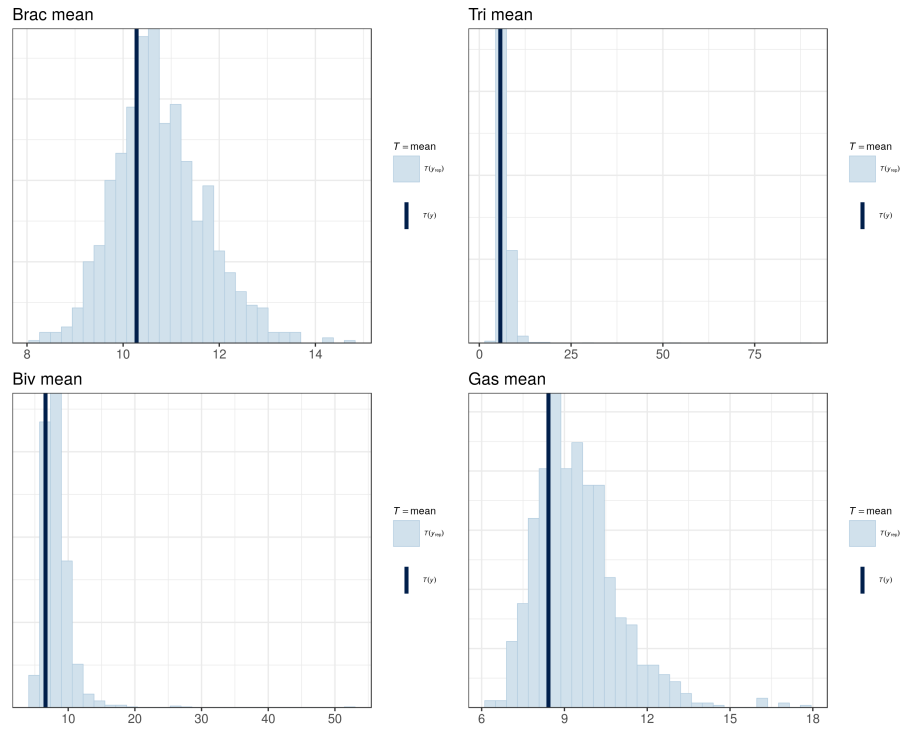


Figure 1:  $\bar{y} + \text{caption text} + \bar{y}$

## 1.2 Estimated versus observed unit diversity

## 1.3 Effects of geological covariates on estimated diversity

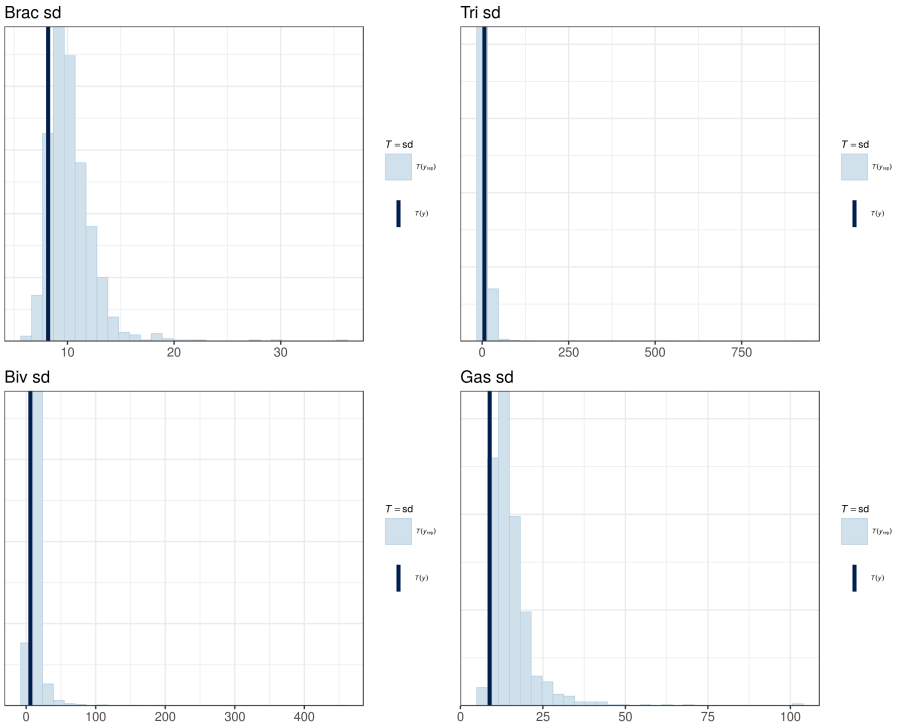


Figure 2:  $\mathfrak{j}$ +caption text+ $\mathfrak{j}$

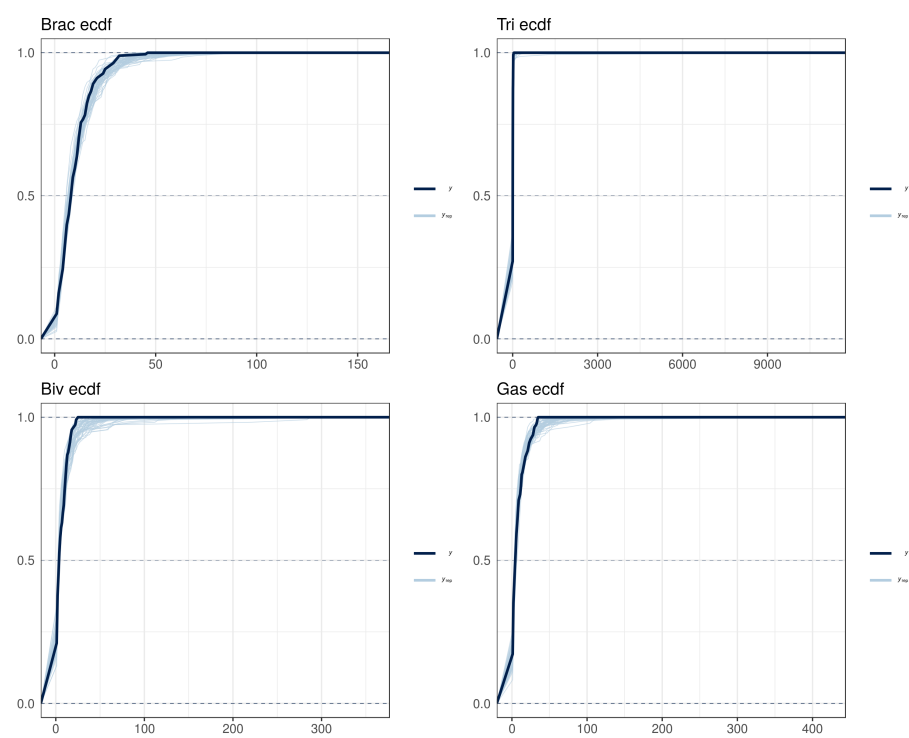


Figure 3:  $\mathbb{P}(\text{caption text} + \mathbb{Z})$

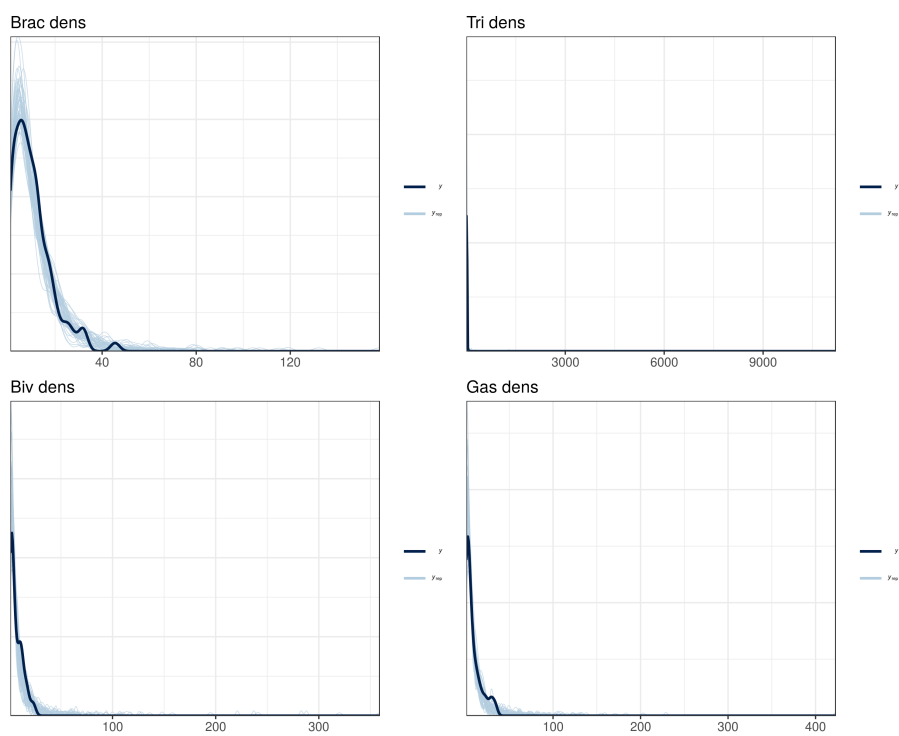


Figure 4:  $\gamma$ +caption text+ $\gamma$

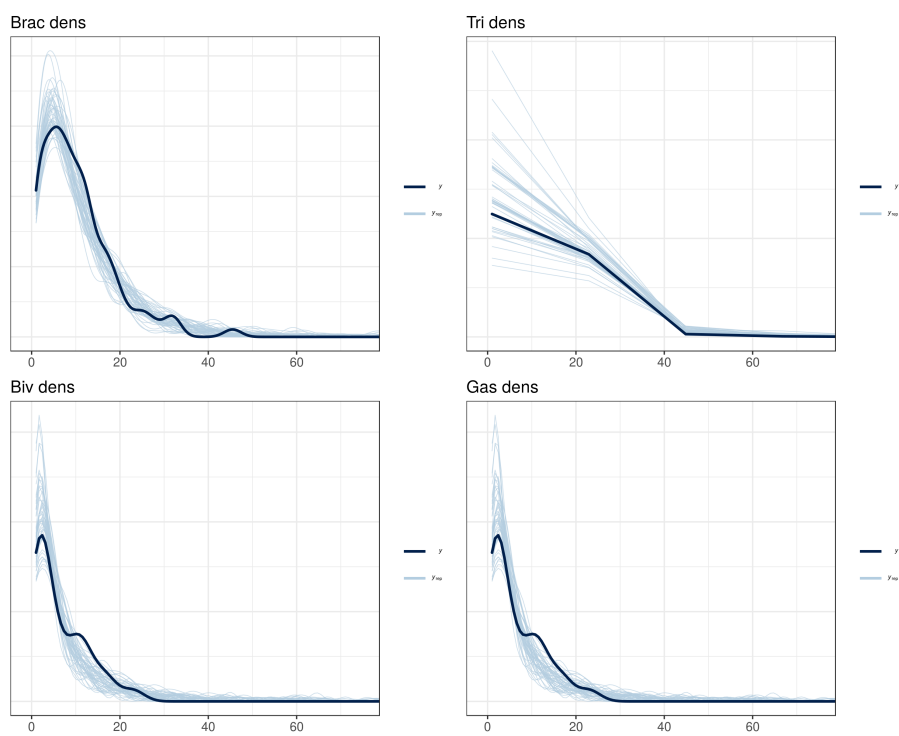


Figure 5:  $\gamma$ +caption text+ $\gamma$

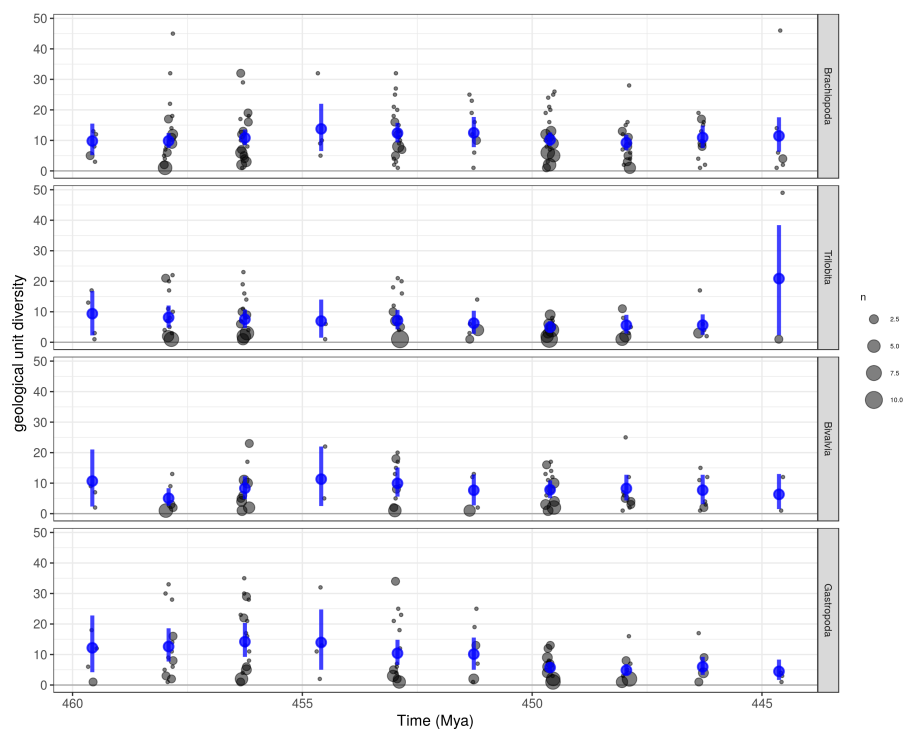


Figure 6:  $\downarrow$ +caption text+ $\downarrow$

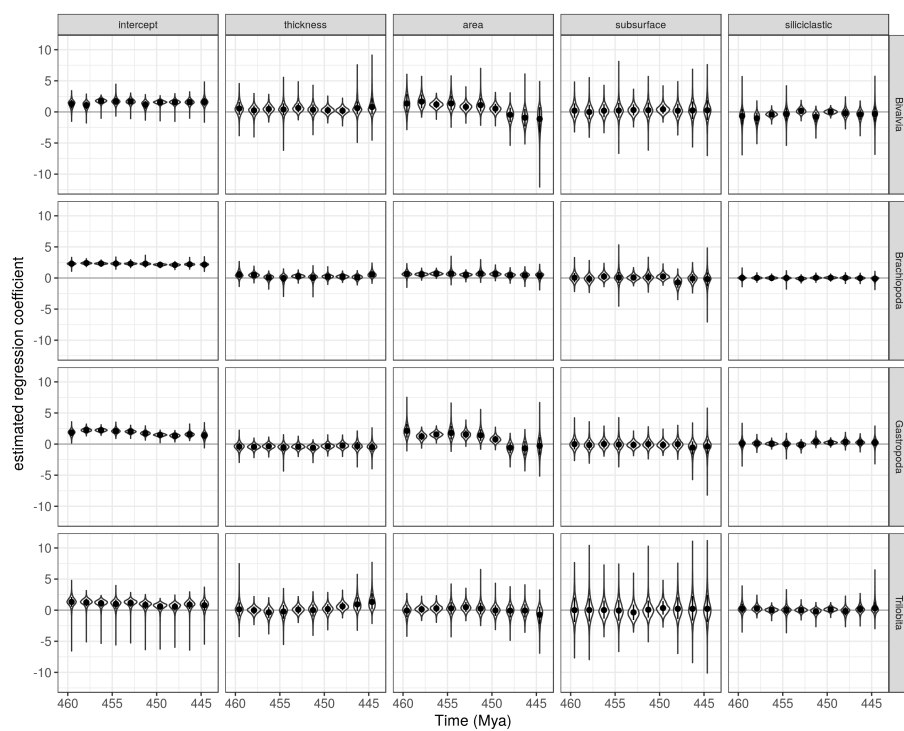


Figure 7:  $\beta$ +caption text+ $\gamma$