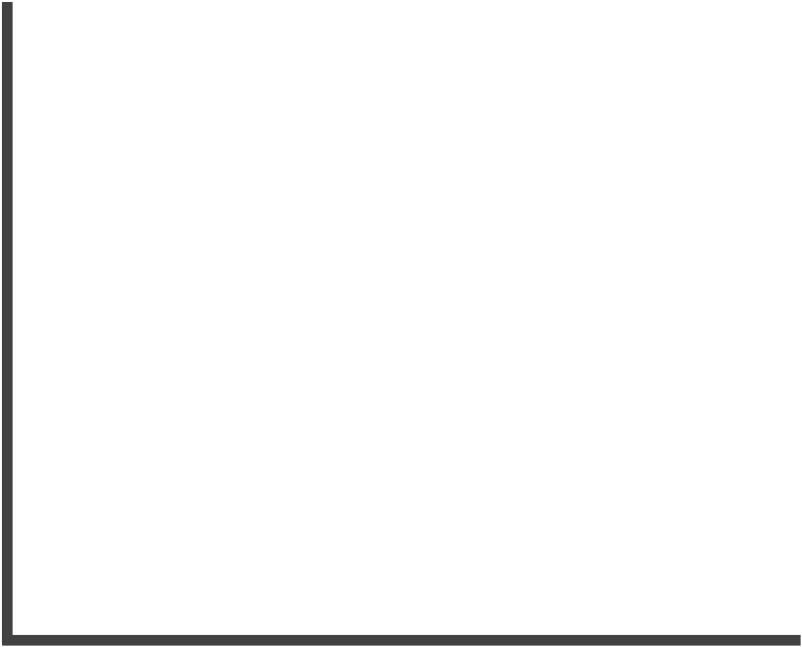
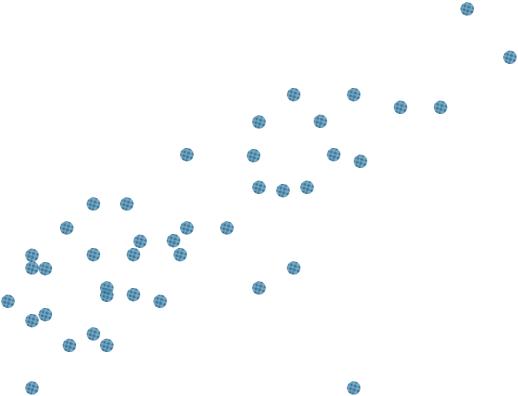
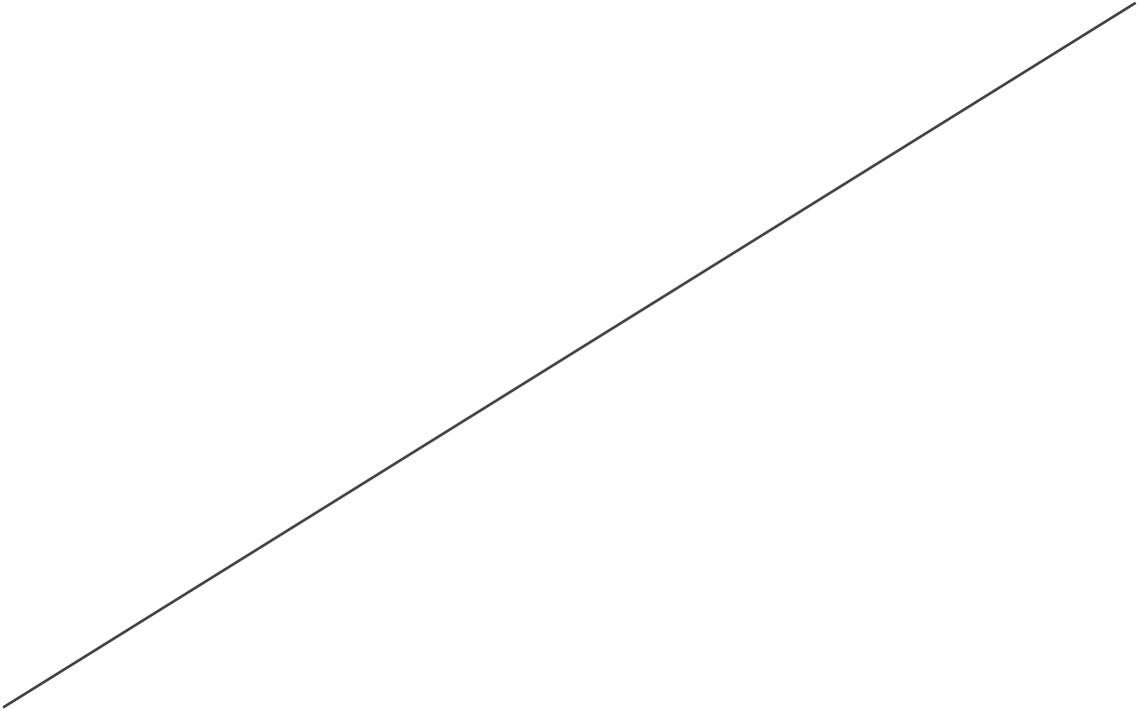




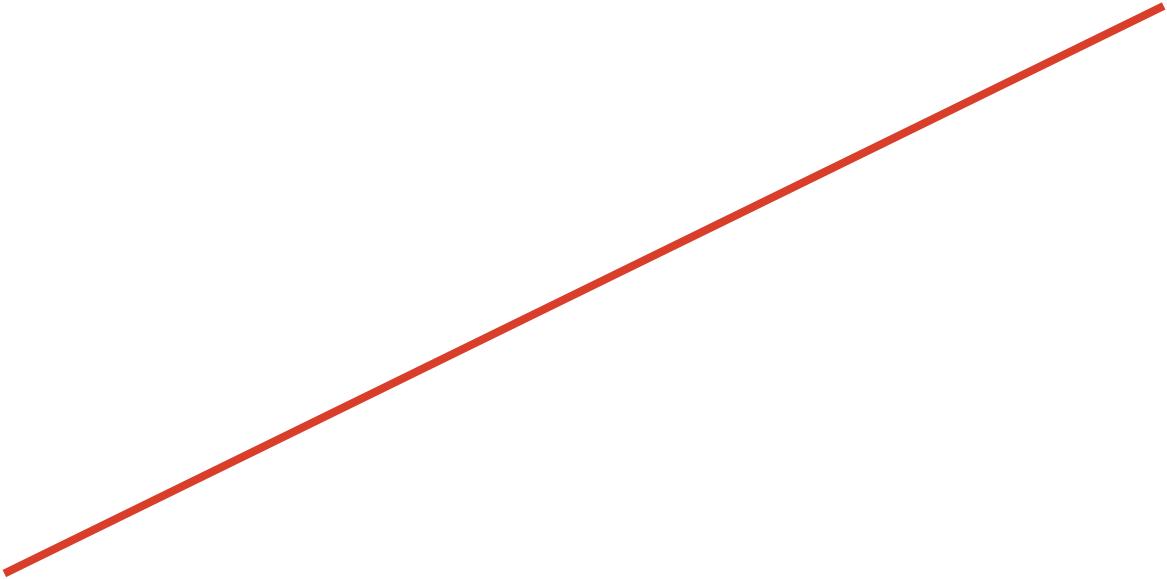
SLOPE-INTERCEPT CORRELATIONS

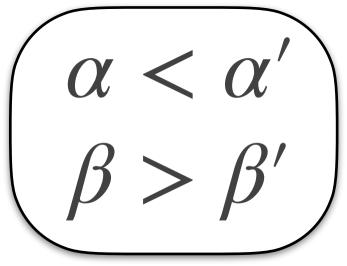












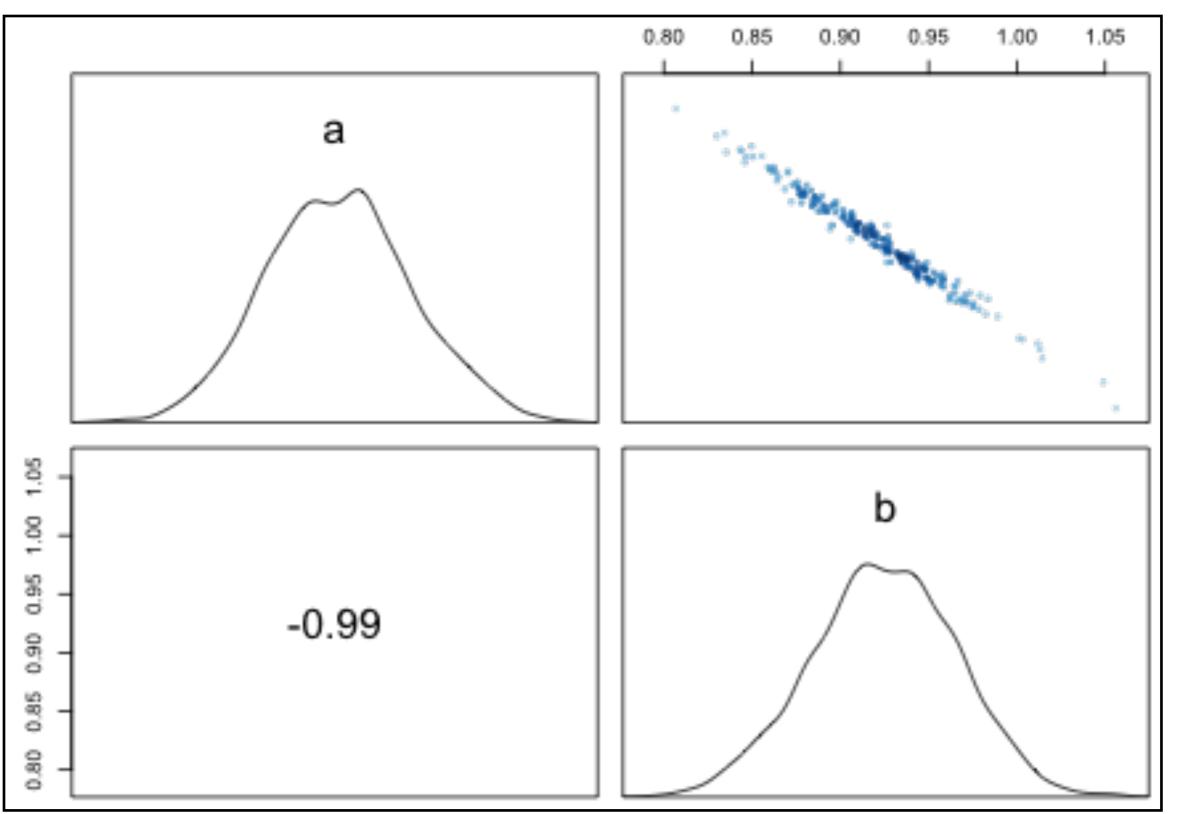




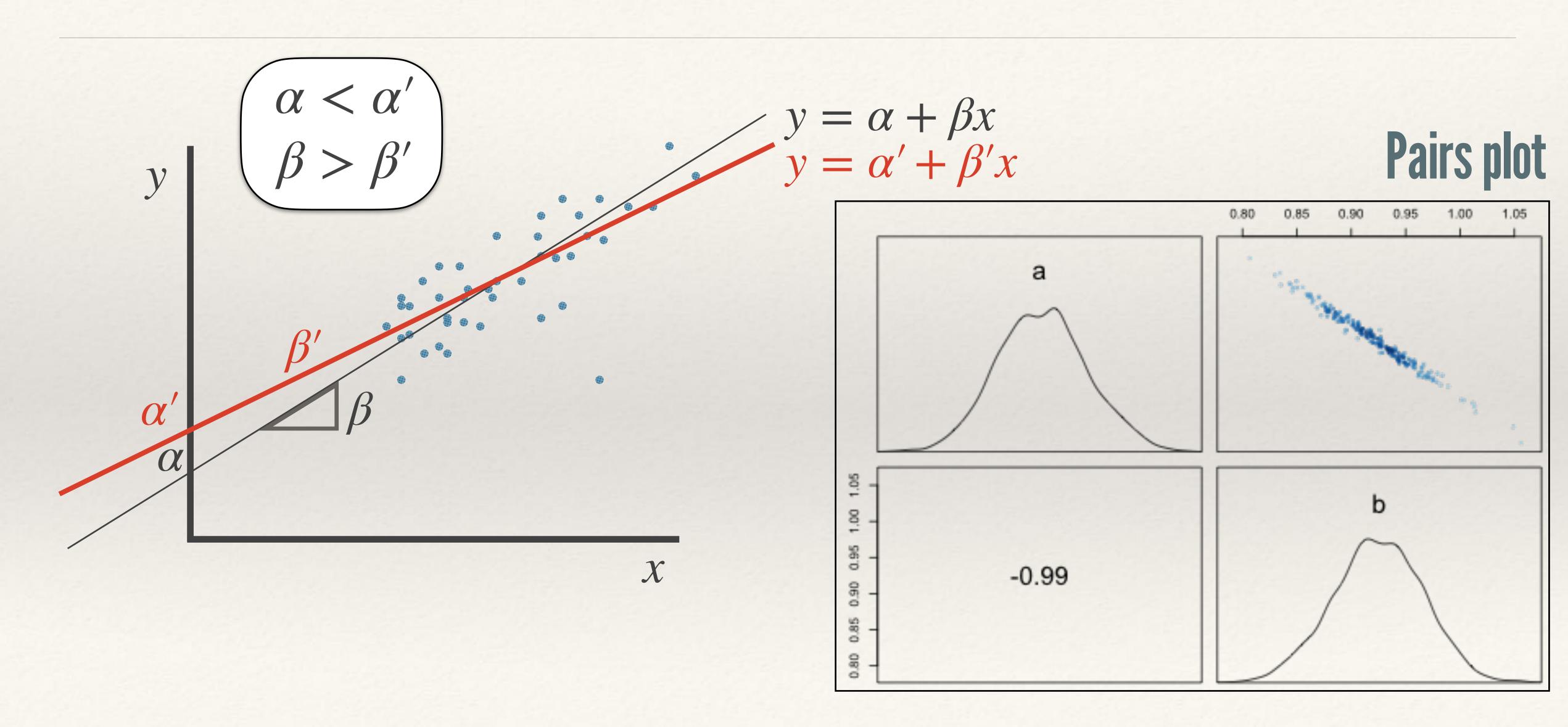
 $= \alpha + \beta x$

 $\vdash B'x$

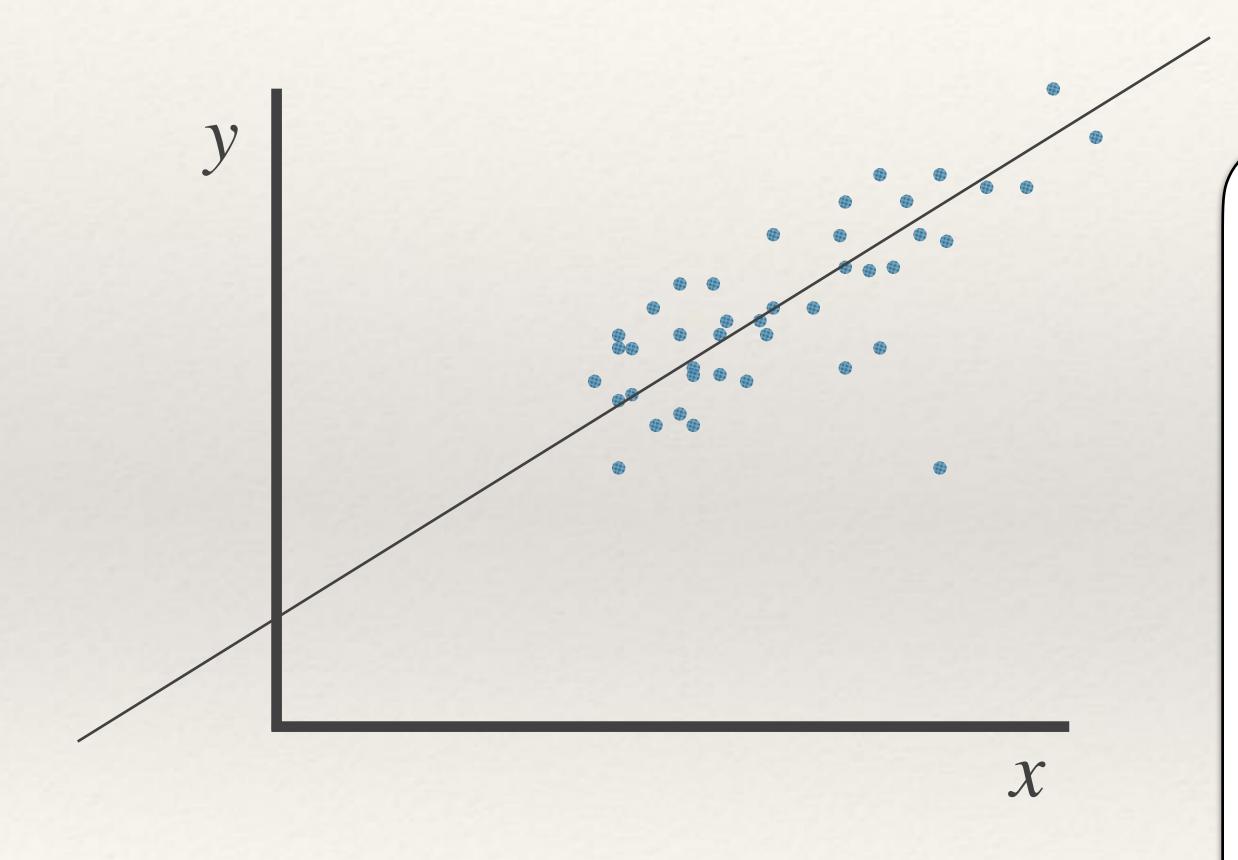
Pairs plot



SLOPE-INTERCEPT CORRELATIONS



LET'S GET RID OF THESE POSTERIOR CORRELATIONS



$$y = \alpha + \beta x$$

Scaling and shifting parameters can help with convergence

- Centering both x and y values
- Scaling x to unit variance

$$\tilde{y}_i = y_i - \bar{y}$$

$$\tilde{x}_i = \frac{x_i - \bar{x}}{sd(x)}$$