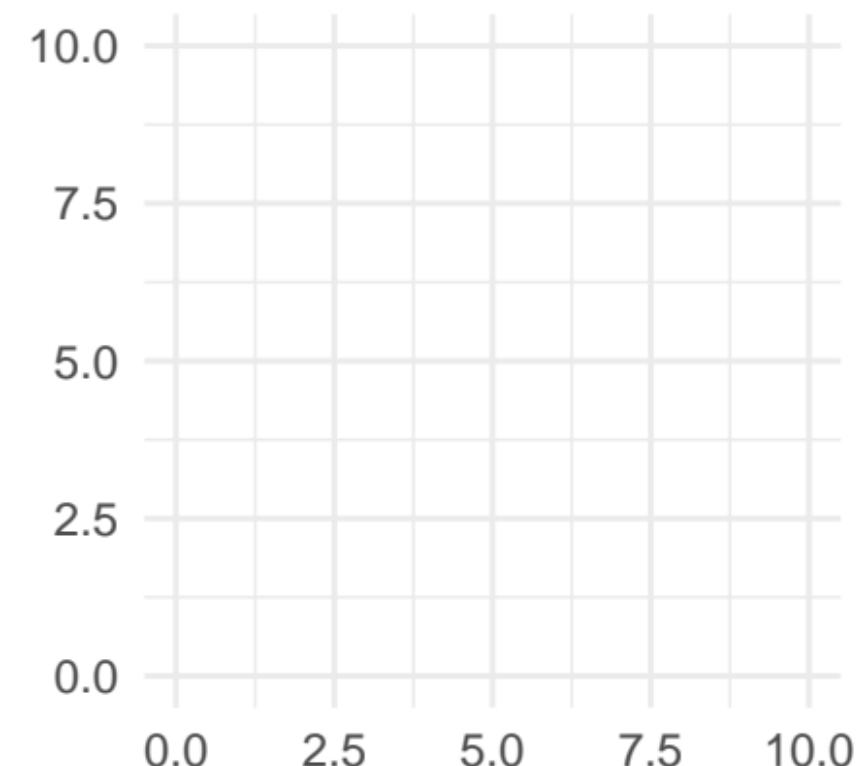


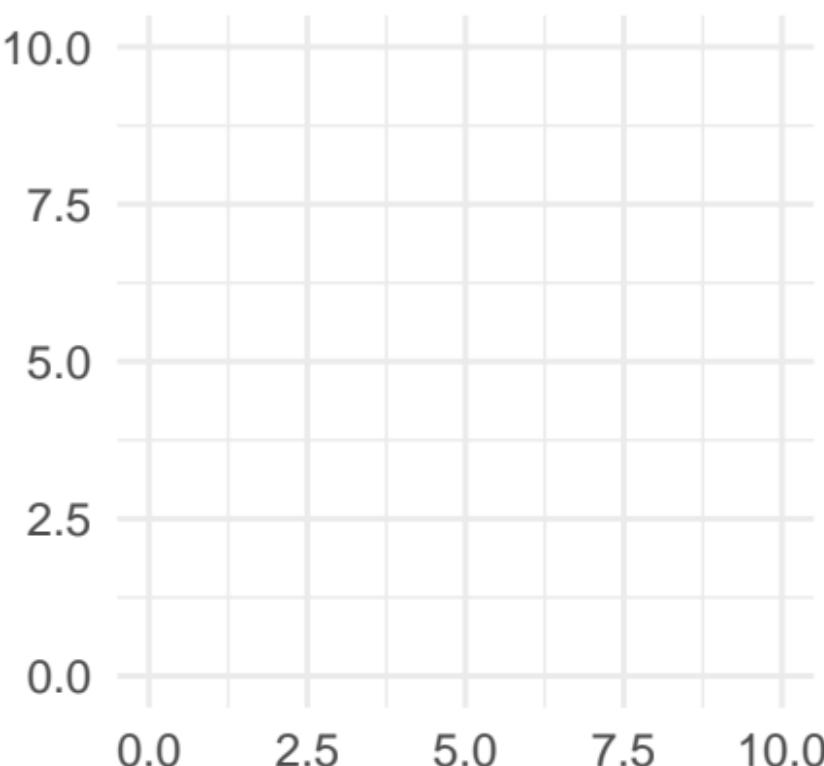
Pearsons $\rho = 0$

$$R^2 = 1$$



Pearsons $\rho = 1$

$$R^2 = 0.75$$



Pearsons $\rho = 0.75$

$$R^2 = 0.5$$

