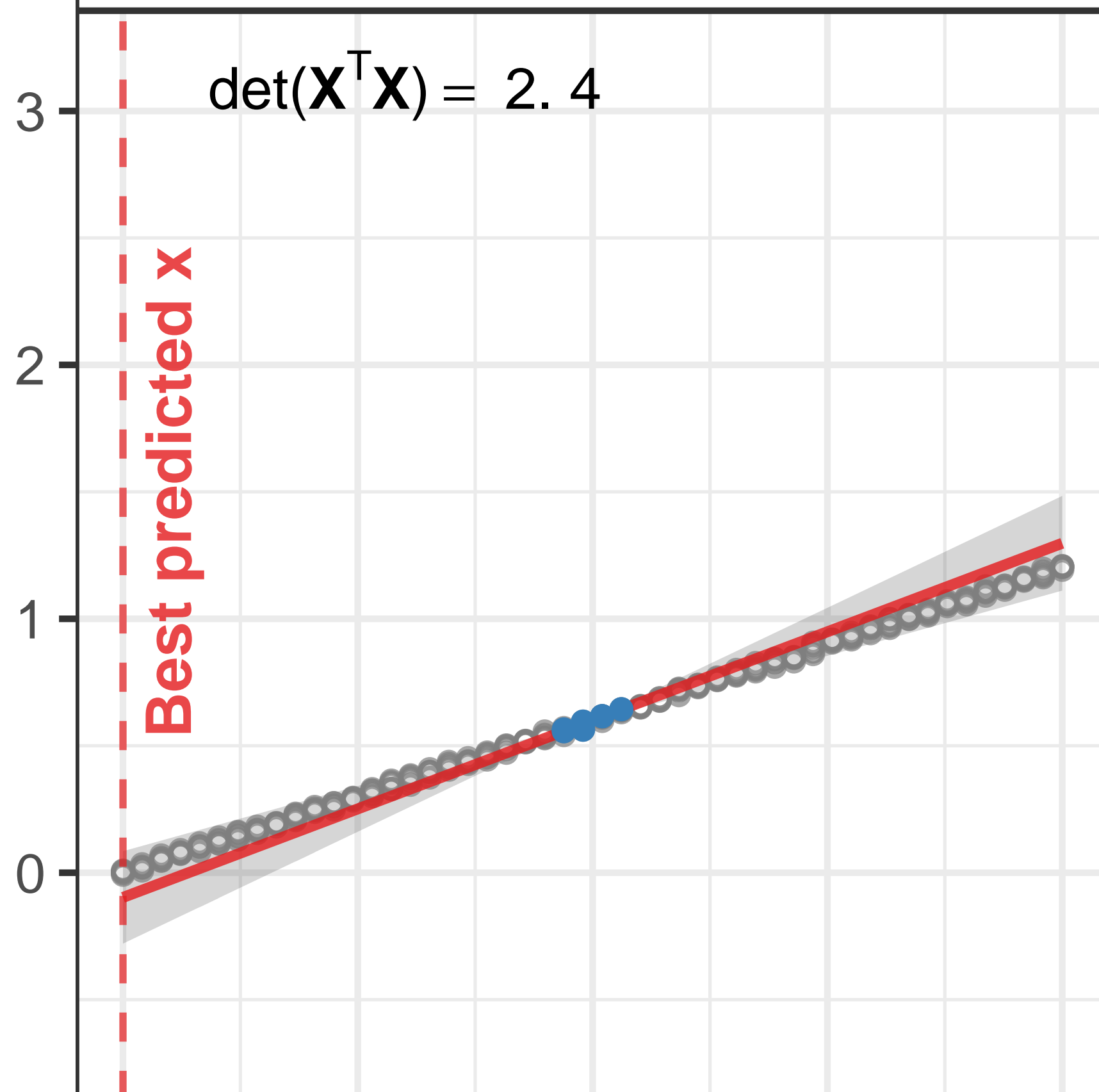
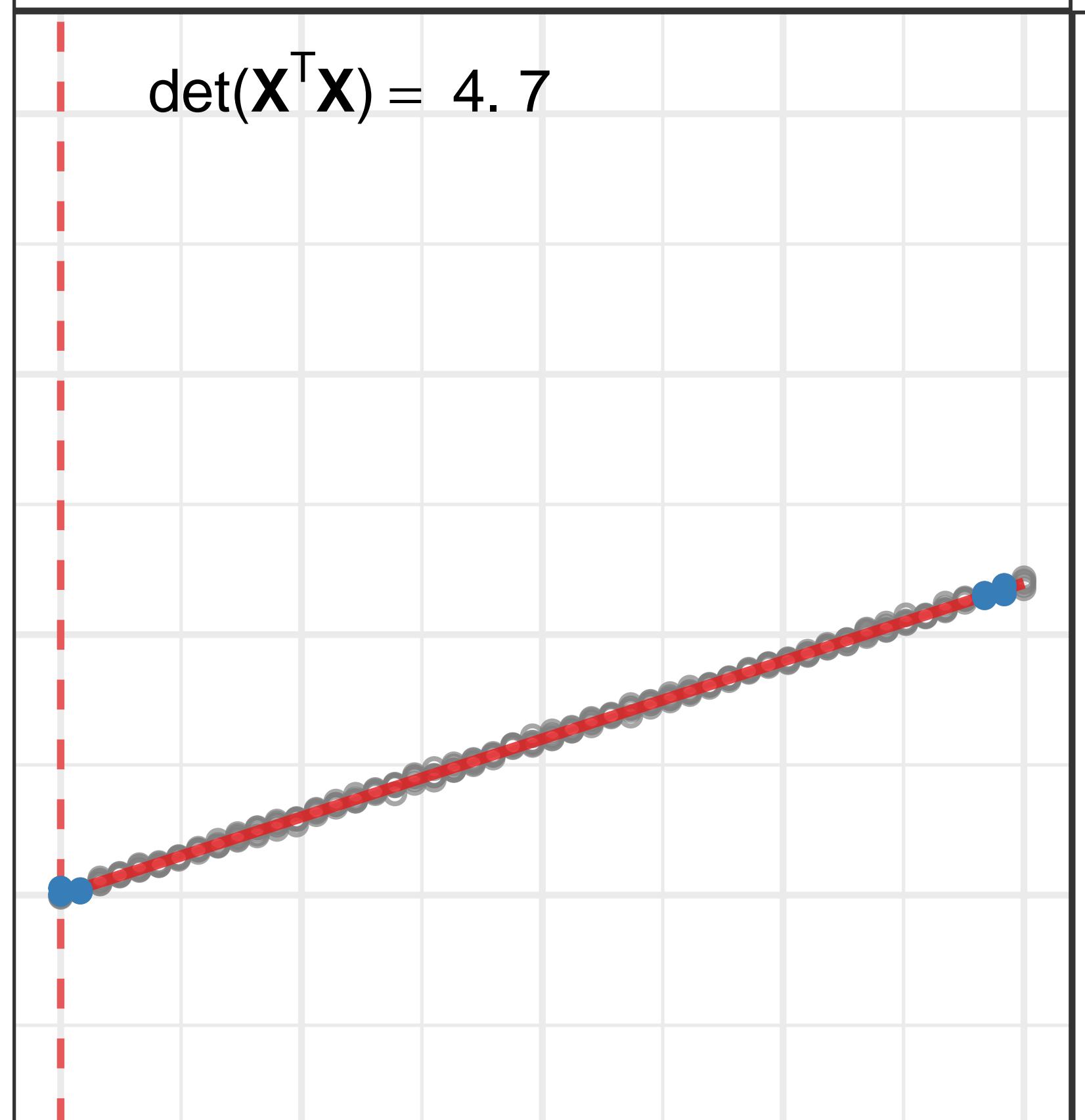


Picking Close Points

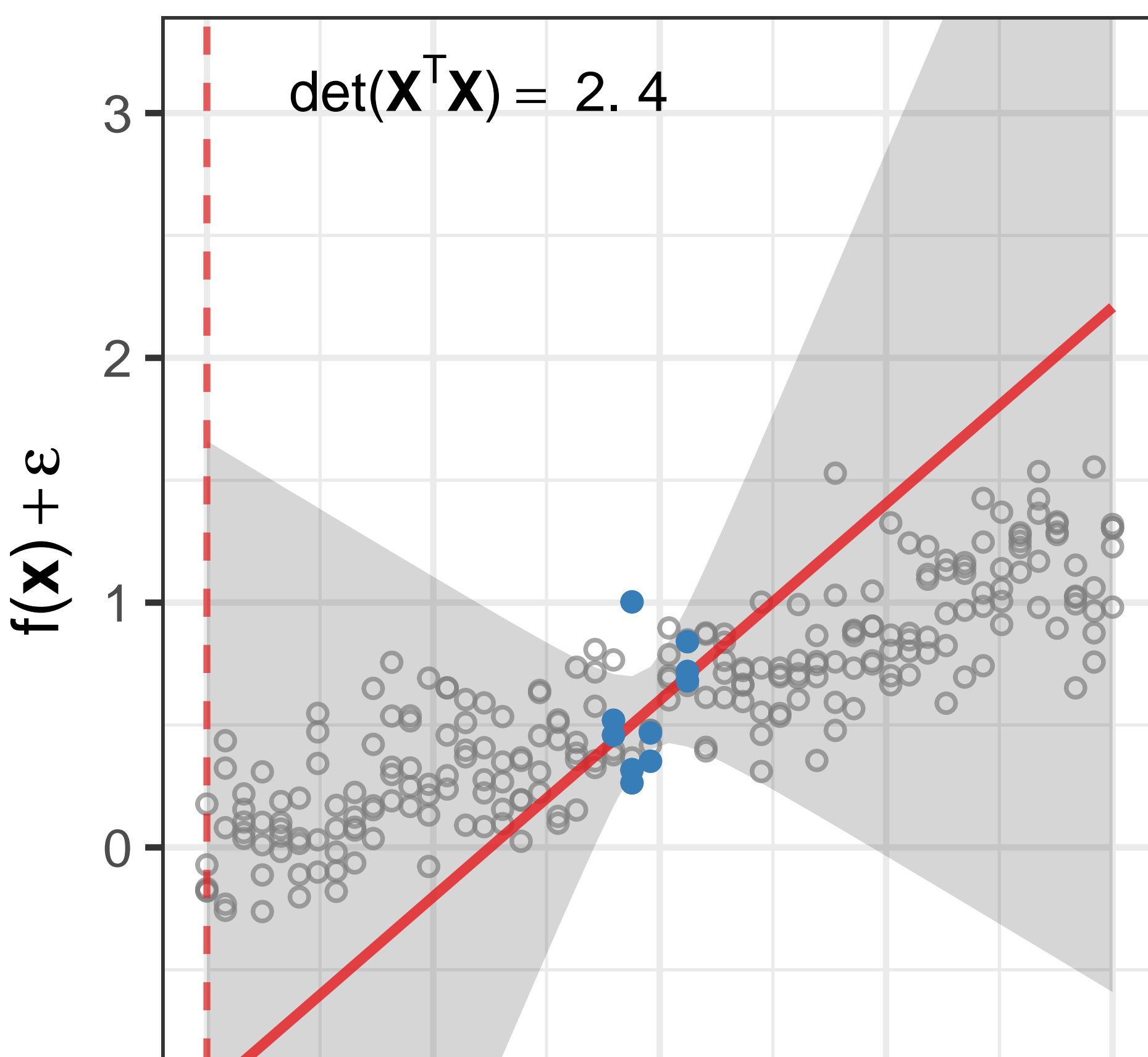


Picking Distant Points

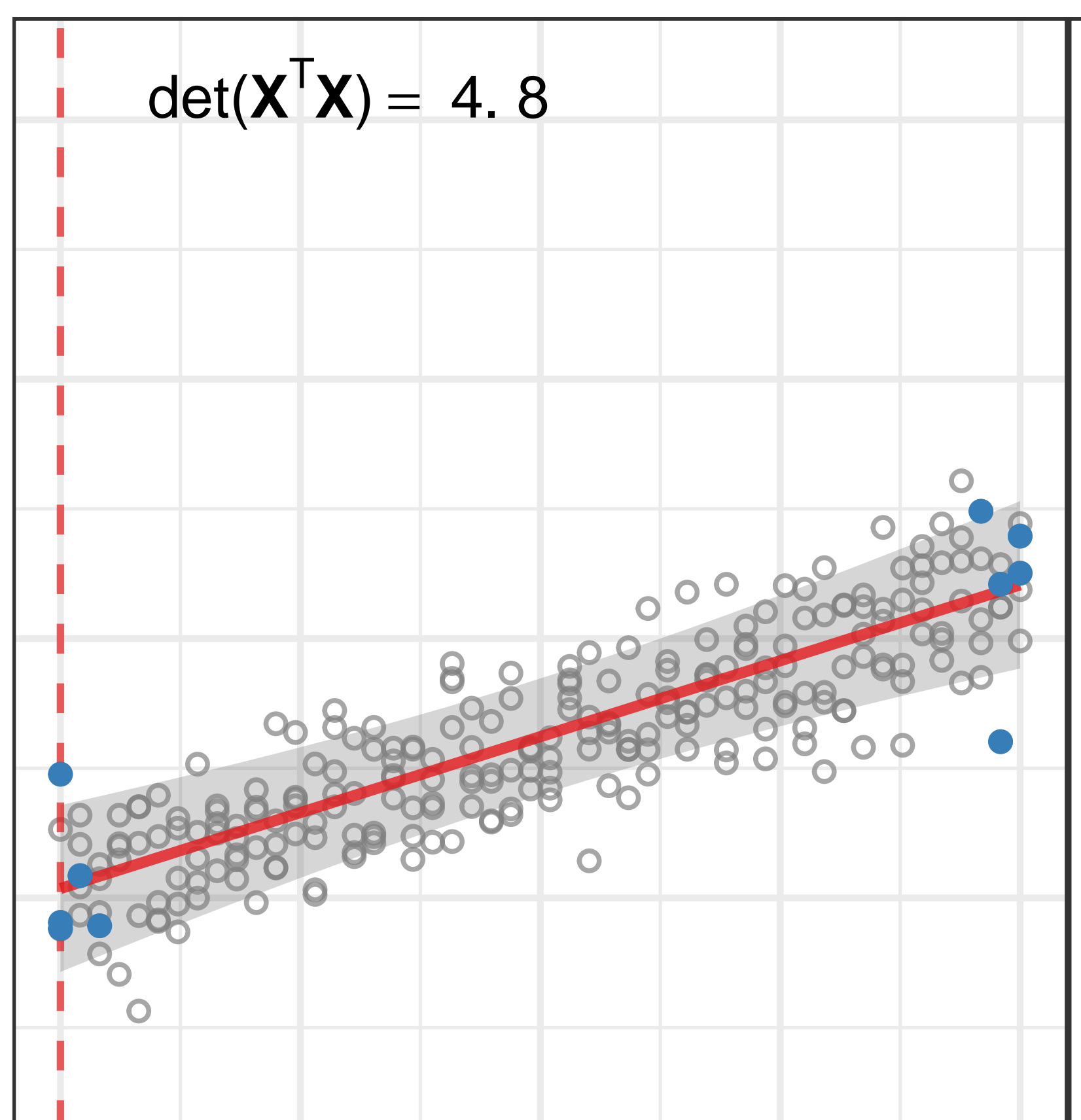


Smaller ε

$\det(\mathbf{X}^T \mathbf{X}) = 2.4$

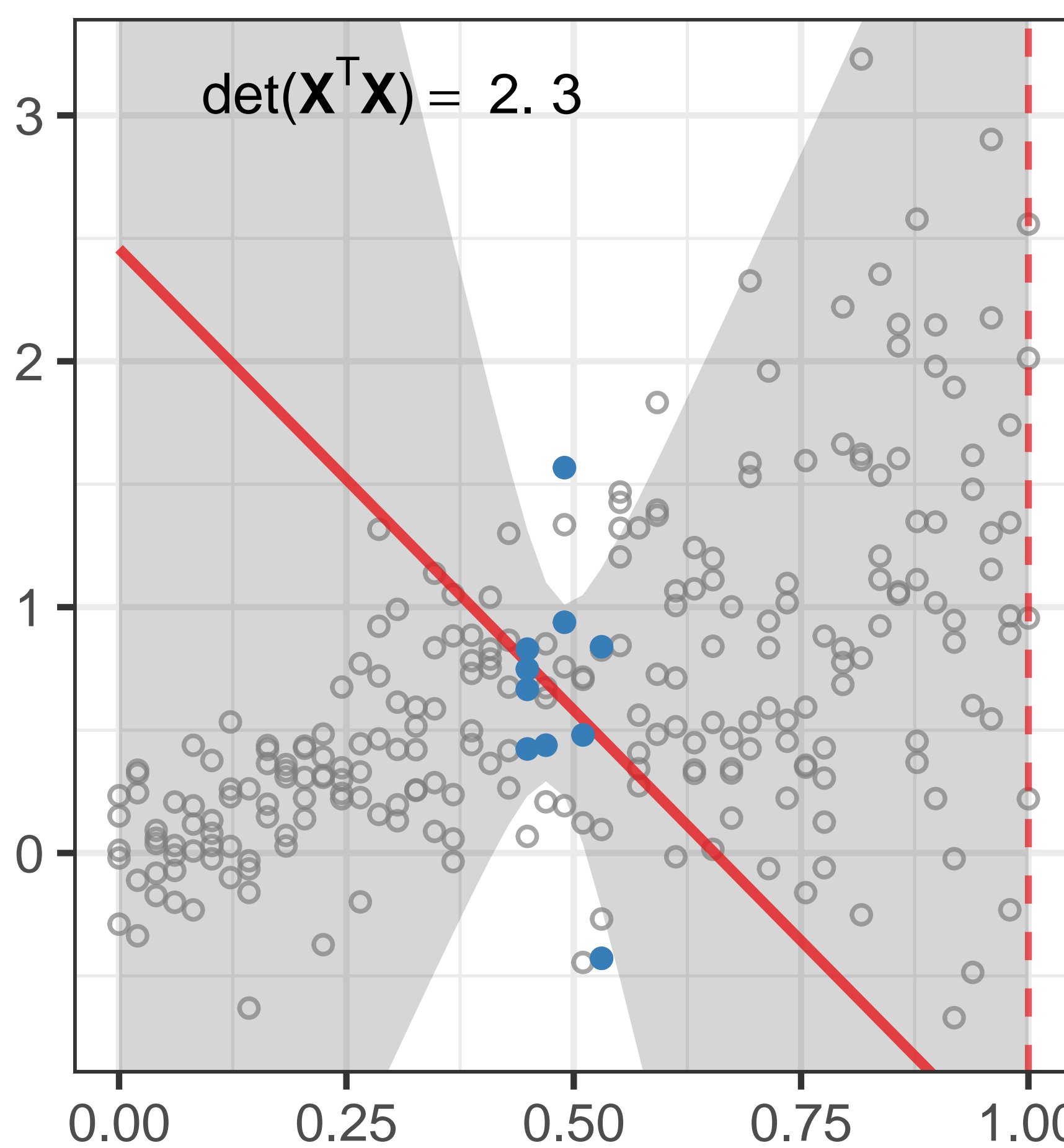


$\det(\mathbf{X}^T \mathbf{X}) = 4.8$

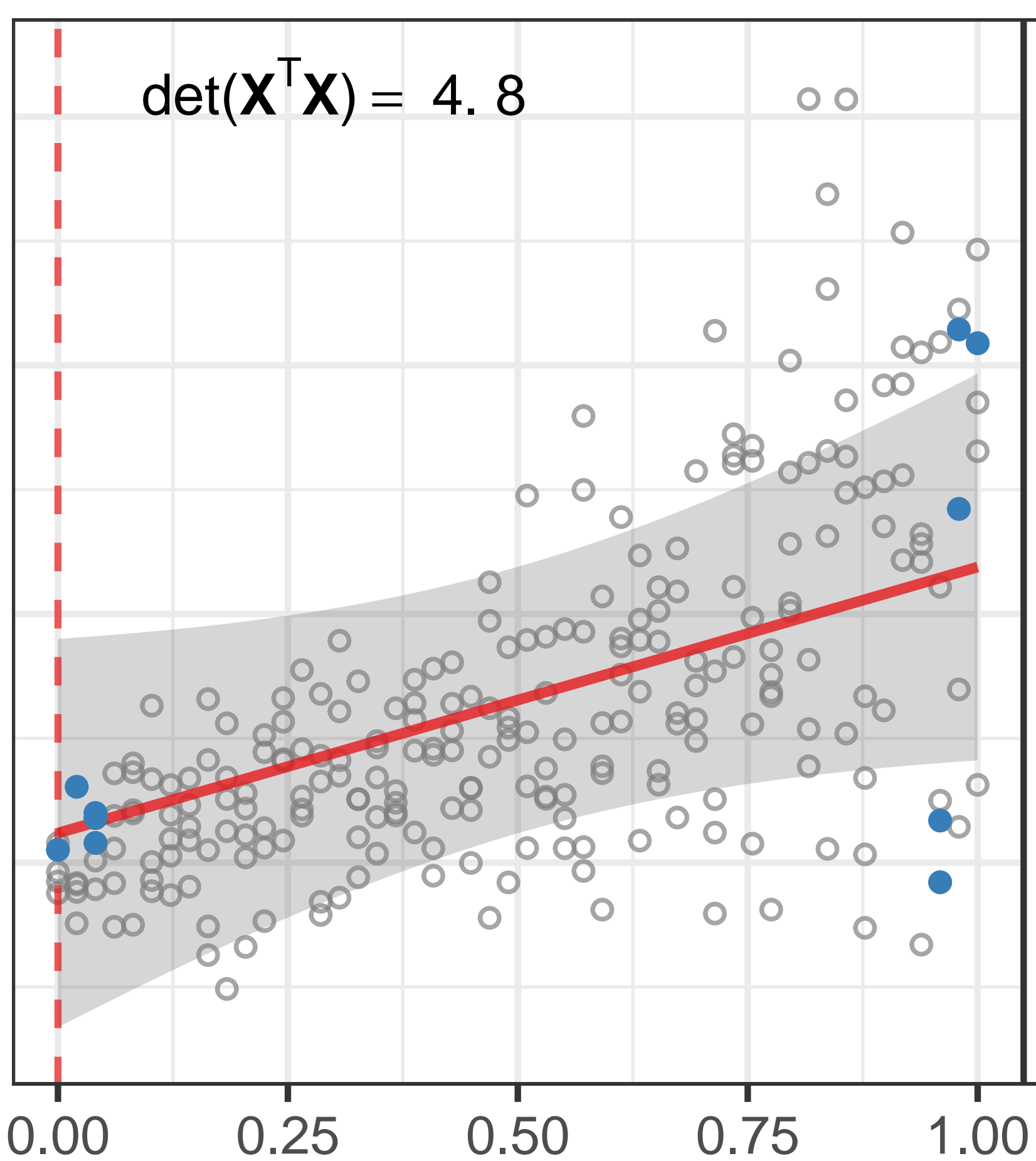


Larger ε

$\det(\mathbf{X}^T \mathbf{X}) = 2.3$



$\det(\mathbf{X}^T \mathbf{X}) = 4.8$



Heteroscedastic

x