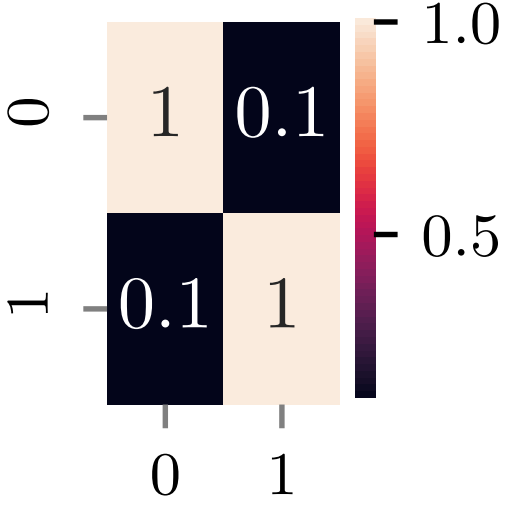
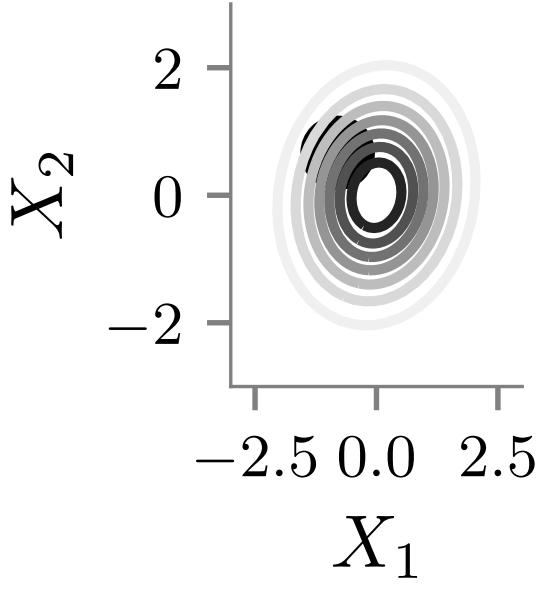
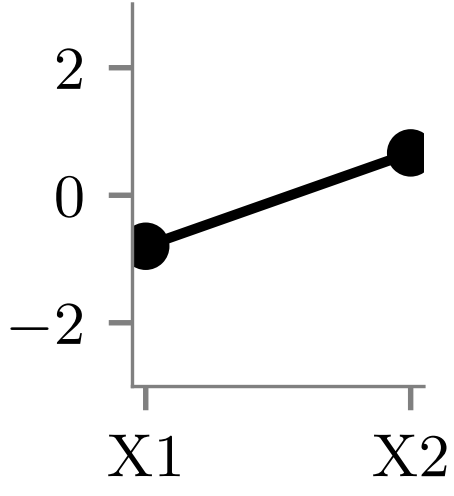
Random state = 8

Covariance Matrix



Contour of pdf



Visualising the point